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GLIA BIBLIOGRAPHY 1960-1964

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compiled by

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PREFACE

Glia Bibliographies

Bibliographies of the world literature on glia are rare. We know of five, three of which are in books published by Charles C Thomas of Springfield, Illinois:

Glees, P. (1955) Neuroglia, Morphology and Function
Windle, William F., Ed. (1958) Biology of Neuroglia
Nakai, Junnosuke, Ed. (1963) Morphology of Neuroglia

A fourth has been published in the November-December 1964 (Vol. II, No. 6) issue of the Neurosciences Research Program Bulletin, as part of a report of NRP Work Session on glia cells chaired by NRP Associate Robert Galambos. That bibliography, a selective one, was generated by the participants in the Work Session, and represents their opinions of the key publication in their fields of glia research.

The fifth is now before you; more inclusive than the fourth, more recent than the first three. The modest product of a part-time project, it is being published in keeping with the NRP policy of attempting to share both new information and new patterns of old information.

Scope and Features in Brief

This bibliography lists about 1100 references to the world literature on, or relevant to, glia cells.

It covers the period from January 1960 to August 1964, with some entries beyond those limits, as explained later.

All titles are given in the English language. Non-English language titles are also given in the original language.

In most cases, the reader is referred to the location in the Zentralblatt für die Gesamte Neurologie und Psychiatrie (abbreviated "Z") where he can find a German-language abstract of the original publication.

It has not been possible to otherwise annotate the entries in this bibliography.

Origination

The NRP Glia Bibliography 1960-1964 began as a checklist for certain NRP Associates and Residents, as a tool in their empirical and theoretical investigations of the roles of glia.

It grew from suggestions made by three NRP Associates, Drs. Robert Galambos, Holger Hydén, and Robert B. Livingston, who also contributed advice, information, and access to their personal literature files. Their assistance is gratefully acknowledged.

The above-mentioned Zentralblatt was considered to be the best single secondary source for pertinent literature. Using it and such other sources as Index Medicus, Miss Joan Morris, then NRP librarian, began compiling a list, later continued by Miss Margaret S. Little, of those references entered under obviously glia-related headings.

In the course of the compilation, it became clear that medical indexing had not been able to reflect all of the many approaches toward fundamental understanding of glial development, structure, function, and pathology; there was, for example, no such sub-heading as "ultrastructure."

In addition, some of the most interesting work appeared under headings not obviously related to glia.

Accordingly, a more intensive technique of searching was adopted: a line-by-line scan was made of every page of the major classifications of the Zentralblatt, with the eye searching for key terms (listed below); any abstract that contained any key terms was then read to see whether it was indeed relevant. In many cases where doubt remained, it was possible to consult the original paper itself.

Key Terms

Miss Little's development of a working list of key terms was aided by guidance from Drs. Galambos, Hydén, and Livingston, who also gave her guidelines for selecting the more fundamental of the almost 2000 references turned up; however, the final selection was hers. Miss Little benefitted too from attendance at the NRP Work Session on glial cells, as well as from subsequent cooperation on the part of its participants. NRP Staff members also made suggestions and contributions at all stages, based on their continual reading of the neuroscientific literature.

Table 1 categorizes most of the key terms used by Miss Little as clues to possible relevance.

Coverage

The issues of the Zentralblatt searched for this bibliography were all those from January 1960 (Vol. 153, No. 3) through August 1964 (Vol. 176, No. 3).

As to these two dates: January 1960 was set because it seemed to approximate the median point in time that split in twain the exponentially growing series of publications about glia literature. August 1964 was set in order to ensure production of the bibliography as a supplement to the issue of the Neurosciences Research Program Bulletin that featured the report of the NRP Work Session on glia cells.

Table 1. Categorized list of English equivalents of most key terms used in scanning abstracts and indexes.

Cells (Glial)

Alzheimer
 ameoboid glia
 astroblast
 astrocyte
 astroglia
 astroid
 Bergmann
 bloated
 breviradiate
 Cajal
 caudate
 cometal
 compound granular
 cytoplasmic glia
 Deiter
 ependymal
 ependymoblast
 ependymocyte
 Fañana
 fatty granule
 fibrillary glia
 fibrous glia
 gitter
 glia
 gliocyte
 glioblast
 gliocyte
 granule
 histiocyte
 Hortega
 interfascicular oligodendrocyte
 longiradiate
 macroglia
 macrophage
 mesoglia
 microglia
 microgliocyte
 microglioblast
 monster
 mossy
 neuroepithelial
 neuroglia
 oligodendrocyte

oligodendroglia
 pediculated
 pericellular
 perineuronal satellite
 perivascular satellite
 phagocyte
 protoplasmic astrocyte
 protoplasmic glia
 rod
 satellite
 scavenger
 Schwann
 spider
 spongioblast
 stellate
 subcapsular
 tancyte

Cells (Nerve), Environment of

amacrine
 association
 basket
 Betz
 bipolar
 ganglion
 germinal
 Golgi
 granule
 horizontal
 internuncial
 interstitial
 mitral
 motor
 multipolar
 neuroblast
 olfactory
 pseudounipolar
 Purkinje
 pyramidal
 spindle
 tract
 tufted
 unipolar

Organelles & Spaces

axon
axonal membrane
dendrite
end-foot
end-plate
glial processes
gliosome
intercellular space
myelin
myelination
nerve ending
neurilemma
pericapillary space
perineuronal space
perivascular feet
perivascular space
terminal bouton
subpial foot
synapse
synaptic space
vascular end-feet
Virchow-Robin space

Brain

blood-brain barrier
glial index
impedance
interstitial tissue
neurogenesis
pia-glia membrane
supporting structure

Behavior

cognition
conditioning
learning
memory
perception
psychophysiology
recall

Pathology

allergic encephalomyelitis
astroblastoma
astrocytoma
astroma
demyelination
ependyoblastoma
ependymoma
glioblastoma
glioma
gliosis
multiple sclerosis
neurilemmoma
neurinoma
oligodendroblastoma
oligodendrocytoma
oligodendrocytosis
oligodendroglioma
phenylketonuria
PKU
schwannoglioma
schwannoma
spongioblastoma

Disciplines

biochemistry
biophysics
cytochemistry
cytology
cytophysiology
electron microscopy
embryology
enzymology
histochemistry
histological techniques
histology
light microscopy
microbiology
microchemistry
microscopy
morphology
staining stains
tissue culture
tissue metabolism
ultrastructure

Nevertheless, this bibliography contains some items that were published before January 1960. They have been included because references to them in indexes and abstract journals did not appear until the stated period.

Likewise, some items that appeared in the literature after the August 1964 cut-off date have been listed, production schedules having permitted their inclusion.

Production

The bibliography has been photo-reproduced by the M. I. T. Graphic Arts Service from file-card copy typewritten by, or under the supervision of, the indefatigable Miss Little, who also made the translations and transliterations. She joins the undersigned in hoping that this bibliography will be found at the very least to be a reliable list of recent literature that is demonstrably or potentially helpful in furthering scientific comprehension of the roles of the glia.

-- T.M. & G.A.

* * *

A

K. ABRAHAM & P. LAMPERT:

"Intraneuronal Lipid Deposits in Metachromatic Leukodys-
trophy. Histochemical and Topographic Observations."

[Air Force Inst. of Path., Washington, D.C.]

NEUROLOGY. (1963) Vol. 13, pp. 686-692.

(Meeting of Amer. Assoc. of Neuropath., Atlantic City.
June 16, 1962.)

Z - Vol. 177, #2, p. 94, Sept. 1964

C. W. M. ADAMS & A. N. DAVISON:

"The Occurrence of Esterified Cholesterol in the Developing
Nervous System." [Dept. of Path., Guy's Hosp. Med.
School, London.]

J. NEUROCHEM. (1959) Vol. 4, 282-289.

Z - Vol. 158, #2, p. 135, Nov. 1960

C. W. M. ADAMS & A. N. DAVISON:

"The Form in Which Cholesterol Occurs in the Adult CNS."
[Dept. of Path., Guy's Hosp. Med. School, London.]

J. NEUROCHEM. (1960) Vol. 5, pp. 293-296.

Z - Vol. 160, #1, pp. 11-12, March 1961

C. W. M. ADAMS & N. A. TUQAN:

"Histochemistry of Myelin. Part II. Proteins, Lipid
Protein Dissociation and Proteinase Activity in
Wallerian Degeneration." [Dept. of Path., Guy's
Hosp. Med. Sch. London.] [For Part I see Tuqan

Z-Vol. 168, #2, p.117, Nov. 1962

John M. ADAMS & David T. IMAGAWA:

"Measles Antibodies in Multiple Sclerosis." [Dept. of
Pediat. & Infect. Dis., School of Med., Univ. of
California, Los Angeles, & VA Hosp., Long Beach,
Florida.]

PROC. SOC. EXP. BIOL. (1962) Vol. 111, pp. 562-566.

Z - Vol. 172, #4, p. 279, Nov. 1963

Raymond D. ADAMS:

"Implications of the Biology of the Neuroglia and Microglia Cells for Clinical Neuropathology," pp. 245-263
& Condensed Discussion pp. 263-287 in Biology of Neuroglia, edited by Wm. F. Windle. Charles C. Thomas, Springfield, 1958.

Raymond D. ADAMS, Maurice VICTOR & Elliott L. MANCALL:

"Central Pontine Myelinolysis: A Hitherto Undescribed Disease Occurring in Alcoholic and Malnourished Patients." [Neurol. Serv., Mass. General Hosp., Boston, & Depts. of Neurol. & Neuropathol., Harvard Medical School, Boston.]

A.M.A. ARCH. NEUROL. PSYCHIAT. (1959) Vol. 81, pp. 154-172.

Z - Vol. 153, #1, pp. 6-7, Dec. 1959

W. Ross ADEY:

"EEG Studies of Hippocampal System in the Learning Process." [Dept. of Anat., Univ. of Calif. Sch. of Med., Los Angeles.]

INT. PHYSIOLOGIE DE L'HIPPOCAMPE, 1962. COLLOQUES INTERNAT. CTR. NAT. RCH. SCI. (1962) Vol. 107, p. 203.

W. Ross ADEY:

"Physicochemical Changes in Brain Tissue in Learning:
Possible Relationships of RNA to Memory." [Dept.
of Anat., Univ. of Calif. Sch. of Med., Los Angeles.]
NEUROLOGY. (1963) Vol. 13, p. 359.

W. Ross ADEY, R. T. KADO & J. DIDIO:

"Impedance Measurements in Brain Tissue of Animals, Using
Microvolt Signals." [Dept. of Anat., Univ. of Calif.
Sch. of Med., Los Angeles.]
EXP. NEUROL. (1962) Vol. 5, pp. 47-66.

W. Ross ADEY, R. T. KADO, J. DIDIO & W. J. SCHINDLER:

"Impedance Changes in Cerebral Tissue Accompanying a
Learned Discriminative Performance in the Cat."
[Dept. of Anat., Univ. of Calif. Sch. of Med., Los
Angeles.]
EXP. NEUROL. (1963) Vol. 7, pp. 259-281.

W. Ross ADEY, R. T. KADO & D. O. WALTER:

"Impedance Characteristics of Cortical and Subcortical
Structures. Evaluation of Regional Specificity in
Hypercapnia and Hypothermia." [In press. Prob. 1965.]

W. Ross ADEY & D. O. WALTER:

"Application of Phase Detection and Averaging Techniques in
Computer Analysis of EEG Records in the Cat." [Dept.
of Anat., Univ. of Calif. Sch. of Med., Los Angeles.]
EXPER. NEUROL. (1963) Vol. 7, p. 186.

W. Ross ADEY, D. O. WALTER & D. F. LINDSLEY:
"Subthalamic Lesions." [Dept. of Anat., Univ. of Calif.
Sch. of Med., Los Angeles.]
ARCH. NEUROL. (1962) Vol. 6, p. 34.

W. Ross ADEY, D. O. WALTER & D. F. LINDSLEY:
"Effects of Subthalamic Lesions on Learned Behavior and
Correlated Hippocampal and Subcortical Slow-Wave
Activity." [Dept. of Anat., Univ. of Calif. Sch. of
Med., Los Angeles.]
A.M.A. ARCH. NEUROL. (1962) Vol. 6, p. 194.

Robert B. AIRD:
"Treatment of Brain Tumors." [Dept. of Neurol, Univ. of
California Med. Ctr., San Francisco.]
MED. CLIN. N. AMER. (1963) Vol. 47, pp. 1675-1689.

Z-Vol. 175, #3, pp. 271-272, May 1964

Konrad AKERT & B. E. GERNANDT:
"Neurophysiological Study of Vestibular and Limbic Influ-
ences upon Vagal Outflow." [Inst. Brain Res., Univ.
of Zurich.]
ELECTROENCEPH. CLIN. NEUROPHYSIOL. (1962) Vol. 14, p. 904.

Konrad AKERT, K. HABLE, H. L. WANG & H. A. WAISMAN:
"Ultrastructural Cerebral Changes in Experimental Phenyl-
ketonuria." [Inst. Brain Res., Univ. of Zurich.]
REPORTS OF THE VII INT. CONGR. NEUROLOGY. (1961) pp.
29-32.

Konrad AKERT, H. David POTTER & John W. ANDERSON:
"The Subfornical Organ in Mammals. Part I. Comparative
and Topographical Anatomy." [Inst. Brain Res., Univ.
of Zurich.]
J. COMP. NEUROL. (1961) Vol. 116, pp. 1-14.

N. A. ALADZHALOVA:
"Infra-slow Rhythmic Oscillations of the Steady Potential
of the Cerebral Cortex." [Inst. Biol. Phys., USSR
Acad. Sci., Moscow.]
NATURE. (1957, May 11) Vol. 179, pp. 957-959.

N. A. ALADZHALOVA:
"Ultra-slow Rhythmic Oscillations of the Potential in
Hypothalamic and Thalamic Nuclei." [Inst. Biol.
Phys., USSR Acad. Sci., Moscow.]
BIULL. EKSP. BIOL. MED. (1958) Vol. 46, pp. 3-8.

N. A. ALADZHALOVA:
"Pharmacologically Induced Alterations of Infra-slow
Cortical Potentials and Their Electrographic
Comparisons." [Inst. Biol. Phys., USSR Acad.
Sci., Moscow.]
J. PHYSIOL. USSR. (1958) Vol. 44, pp. 793-800.

N. A. ALADZHALOVA:
"Some Questions of the Biophysics of the Brain," in
Physico-Chemical and Structural Bases of Biological
Events. (1960) pp. 114-126, in Moscow, by USSR Acad.
of Science.
[Inst. Biol. Phys., USSR Acad. Sci., Moscow.]

Spencer D. ALBRIGHT, JR., Henry G. KUPFER &
Dixie R. KINNE:

"A Study of Coagulation Factors in Blood and Spinal Fluid
in Multiple Sclerosis." [Dept. of Clin. Path., Med.
Coll. of Virginia, Richmond.]

A. M. A. ARCH. NEUROL. (1959) Vol. 1, pp. 315-326.

Z - Vol. 155, #3, p. 261, May 1960

Alexandre A. de ALENCAR:

"Diffuse Cellular Changes of the Cerebral Cortex in
Bravais-Jacksonian Epilepsy." (Diffuse Zellver-
änderungen der Gehirnrinde bei Bravais-Jackson
Epilepsie.)

J. BRAS. NEUROL. (1961) Vol. 13, pp. 113-130, with
English Summary. [Portuguese]

Z - Vol. 170, #2, p. 84, May 1963

M. M. ALEXANDROVSKAYA:

"Morphological Changes in the Brain of Animals After
Local Administration of Strychnine." (Die morpho-
logischen Veränderungen des Gehirns von Tieren nach
lokaler Strychninzufuhr.) [Lab. of CNS Morphol.,
Inst. Higher Nerve Functions & Neurophysiol., USSR
Acad. Sci., Moscow.]

Ž. VYŠŠ. NERV. DEYAT. PAVLOVA. (1963) Vol. 13, pp. 939-
945, with English Summary. [Russian]

Z - Vol. 177, #2, pp. 100-101, Sept. 1964

Giovanni ALEMÀ, Amico BIGNAMI & Luisa APPICCIUTOLI:
"Neuropathies in Carcinoma. Clinical and Anatomical Study
of a Case with a Sensory Syndrome." (La neuropatia
carcinomatosa. Studio clinico e anatomico di un caso
con sindrome sensoriale.) [Clin. Nerv. & Ment. Dis.,
Inst. Anat. & Histol. Path., Univ. of Rome.]
RIV. NEUROBIOL. (1963) Vol. 9, pp. 237-256.

Z - vol. 175, #3, pp. 252-253, May 1964

Alexandre A. de ALENCAR:

"Morphological Aspects of Neurosecretion. Investigation
with Rio-Hortega's Silver Carbonate Method." (Mor-
phologische Aspekte der Neurosekretion. Eine Unter-
suchung mit der Silbercarbonatmethode von Rio
Hortega.)
J. BRAS. NEUROL. (1961) Vol. 13, pp. 97-111, with English
Summary. [Portuguese]

Z - Vol. 169, #2, p. 120, Feb. 1963

Norman ALLEN:

"Beta-Glucuronidase Activities in Tumors of the Nervous
System." [Depts. of Med. & Anat., School of Med.,
Univ. of North Carolina, Chapel Hill.]
NEUROLOGY. (1961) Vol. 11, pp. 578-596.

Z - vol. 167, #3, p. 227, Sept. 1962

Joseph ALTMAN:

"Are New Neurons Formed in the Brains of Adult Mammals?"
[Psychol. Sect., Mass. Inst. Technology.]
SCIENCE. (1962) Vol. 135, pp. 1127-1128.

Joseph ALTMAN:

"Autoradiographic Study of Degenerative and Regenerative Proliferation of Neuroglia Cells with Tritiated Thymidine." [Psychophysiol. Lab., Massachusetts Institute of Technology, Cambridge.]
EXP. NEUROL. (1962) Vol. 5, pp. 302-318.

Z - Vol. 174, #2, p. 152, Feb. 1964

Joseph ALTMAN:

"Autoradiographic Investigation of Cell Proliferation in the Brains of Rats and Cats." [Psychol. Sect., Mass. Inst. Technology.]
ANAT. REC. (1963) Vol. 145, pp. 573-592.

Joseph ALTMAN:

"Regional Utilization of Leucine-H³ by Normal Rat Brain: Microdensitometric Evaluation of Autoradiograms." [Psychophysiol. Lab., Mass. Inst. Tech., Cambridge.]
J. HISTOCHEM. CYTOCHEM. (1963) Vol. 11, pp. 741-749.

Joseph ALTMAN:

"Effects of Cortical Lesions on Cellular Proliferation in Young Rats: An Exploratory Study with Thymidine-H³ Autoradiography." [Psychol. Sect., Mass. Inst. Tech.]
[Unpublished.]

Joseph ALTMAN & Elizabeth ALTMAN:

"Increased Utilization of an Amino Acid and Cellular Proliferation Demonstrated Autoradiographically in the Optic Pathways of Pigeons." [Psychol. Sect., Mass. Inst. Technology.]

EXP. NEUROL. (1962) Vol. 6, pp. 142-151.

Joseph ALTMAN & G. D. DAS:

"Autoradiographic and Histological Investigation of Changes in the Visual System of Rats after Unilateral Enucleation." [Psychol. Sect., Mass. Inst. Technology.]

ANAT. REC. (1964) Vol. 148, pp. 535-545.

Joseph ALTMAN & G. D. DAS:

"Autoradiographic Examination of the Effects of Enriched Environment on the Rate of Glial Multiplication in the Adult Rat Brain." [Psychol. Sect., Mass. Inst. Technology.]

NATURE. (1964) Vol. 204, p. 1161.

Joseph ALTMAN & G. D. DAS:

"Autoradiographic and Histological Evidence of Postnatal Hippocampal Neurogenesis in Rats."

[In press, J. COMP. NEUROL., prob. 1965.]

Barbara O. ALVING:

"The Action of Strychnine at Cholinergic Junction."

ARCH. INT. PHARMACODYN. (1961) Vol. 131, pp. 123-50.

Ellsworth C. ALVORD, JR., & Kirkland C. BRACE:
"X-Ray Induced Pyknosis of Cerebellar Granule Cells in Guinea Pigs and Its Suppression by Barbiturate Anesthesia." [Sect. Clin. Neuropath., Nat. Inst. Neurol. Dis. & Blindn., & Radiation Branch, Nat. Cancer Inst., Bethesda, Md.]
J. NEUROPATH. & EXP. NEUROL. (1957) Vol. 16, pp. 3-17.

Ellsworth C. ALVORD, JR. & Peter M. MARCUSE:
"Intracranial Cerebellar Meningoencephalocele (Posterior Fossa Cyst) Causing Hydrocephalus by Compression at the Incisura Tentorii." [Dept. of Path. & Neurol., Baylor Univ. Coll. of Med., & Lab. of Hermann Hosp., & St. Joseph's Infirm. & Gen. Hosp., Houston, Tex.]
J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 50-69.

Z - Vol. 169, #2, p. 190, Feb. 1963

Luigi AMADUCCI:

"Several Biochemical Differences in the White Matter of the Nervous System of Cattle, and Their Relationship to the Structure of the Myelin Sheath." (Su alcune differenze biochimiche di zone di sostanza bianca del sistema nervoso di bue e sui loro rapporti con la struttura della guaina mielinica.) [Inst. Clin. Nerv. & Ment. Dis., Univ. of Florence.]
RIV. NEUROBIOL. (1961) Vol. 7, pp. 220-230.
(12th Annual Meeting, Tosco-Umbra Sect., Soc. Ital. di Neurol., Florence, February 19, 1961.)

Z - vol. 164, #1, p. 11, Dec. 1961

Luigi AMADUCCI:

"The Distribution of Proteolipids in the Human Nervous System." [McLean Hosp. Res. Lab., Belmont, & the Dept. of Neuropath., Harvard Med. School, Boston.]

Z - Vol. 170, #2, p. 94, May 1963

Hisashi AMBO:

"Critical Observations on Cerebral Swelling, Based on Experimental Results." (Kritische Bemerkungen über die Hirnschwellung. Auf Ergebnissen der experimentellen Untersuchungen basierend.) [Path. Inst., Hokkaido Univ., Sapporo, Japan.]

FOLIA PSYCHIAT. NEUROL. JAP. (1961) Vol. 15, pp. 40-71.

Z - Vol. 168, #3, p. 222, Dec. 1962

F. E. d'AMELIO:

"Glial Architecture of the Hypothalamus of White Rats." ARCH. HISTOL. (Buenos Aires). (1960) Vol. 7, p. 257.

Frederick ANDERMANN, Donald L. LLOYD-SMITH, Huntington MAJOR & Gordon MATHIESON:

"Observations on Hypertrophic Neuropathy of Déjerine & Sottas." [Dept. of Neurol. & Neurosurg., McGill Univ., & Neurol. Inst., Montreal.]

NEUROLOGY. (1962) Vol. 12, pp. 712-724.

Z - Vol. 174, #1, p. 140, Feb. 1964

Paul J. ANDERSON & Sun K. SONG:

"Acid Phosphatase in the Nervous System." [Div. of
Neuropath., Mt. Sinai Hosp., New York.]

J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 263-283.

Z - Vol. 172, #1, p. 14, Sept. 1963

W. Robert ANDERSON & F. Stephen VOGEL:

"Encephalomyelitis Induced in Pigeons with Homologous
Neural Tissue and Adjuvants." [Dept. of Path.,
New York Hosp.-Cornell Univ. Med. Center, New York.]

J. NEUROPATH. EXP. NEUROL. (1961) Vol. 20, pp. 548-553.

Z - Vol. 169, #2, p. 119, Feb. 1963

G. ANDRE-BALISAUX & R. GONSETTE:

"Anatomical and Pathological Study of the Effect of
Phenolization in the Region of the Terminal Cones
and Roots of the Cauda Equina." (Etude anatomo-
pathologique des effets de la phénolization au
niveau des cônes terminaux et des racines de la
queue de cheval. (Atteinte parenchymateuse).)

ACTA NEUROL. BELG. (1963) Vol. 63, pp. 489-498.

Z - Vol. 175, #3, p. 235, May 1964

K. H. ANDRES:

"Investigations on the Fine Structure of Spinal Ganglia."
(Untersuchungen über den Feinbau von Spinalgang-
lien.) [Anat. Inst., Univ. of Uppsala.]

Z. ZELLFORSCH. (1961) Vol. 55, pp. 1-48.

Z - Vol. 169, #1, pp. 5-6, Jan. 1963

K. H. ANDRES:

"Studies on Morphological Changes in the Spinal Ganglia During Retrograde Degeneration." (Untersuchungen über morphologische Veränderungen in Spinalganglien während der retrograden Degeneration.) [Anat. Inst., Univ. of Uppsala.]

Z. ZELLFORSCH. (1961) Vol. 55, pp. 49-79.

Z - Vol. 167, #3, p. 219, Sept. 1962

K. H. ANDRES:

"Electron Microscopic Studies on Preconditioned and Post-mortem Structural Changes in Spinal Ganglia Cells." (Elektronenmikroskopische Untersuchungen über präparatorisch bedingte und postmortale Strukturveränderungen in Spinalganglienzellen.) [Anat. Inst., Univ. of Uppsala, & Anat. Inst., Univ. of Kiel.]

Z. ZELLFORSCH. (1963) Vol. 59, pp. 78-115.

Z - Vol. 173, #1, pp. 2-3, Nov. 1963

Jay B. ANGEVINE Jr., Simeon LOCKE & Paul I. YAKOVLEV:

"Limbic Nuclei of Thalamus and Connections of Limbic Cortex. Part IV. Thalamocortical Projection of the Ventral Anterior Nucleus in Man." [Dept. of Anat. & Neurol. & Warren Anat. Museum, Harvard Medical School, & Neurol. Unit, City Hosp., Boston.]

ARCH. NEUROL. (1962) Vol. 7, pp. 518-528.

Z - Vol. 172, #3, p. 179, Oct. 1963

Stanley H. APPEL & Murray B. BORNSTEIN:

"The Application of Tissue Culture to the Study of Experimental Allergic Encephalomyelitis. Part II. Serum Factors Responsible for Demyelination."

J. EXPER. MED. (1964) Vol. 119, p. 303.

T. ARAKI & C. A. TERZUOLO:

"Membrane Currents in Spinal Motoneurons Associated with the Action Potential and Synaptic Activity."

J. NEUROPHYSIOL. (1962) Vol. 25, p. 772.

S. M. ARONSON & A. SAIFER:

"Studies on Enzyme Alterations in the Infantile Sphingolipidoses. Correlation with Pathological Changes."

AM. J. CLIN. NUTR. (1961) Vol. 9, p. 1.

C. ARRIAGADA, V. BECKER & A. MARTINEZ:

"Neurotoxoplasmosis Acquired in Adults. Remarks on Two Cases Verified at Autopsy; New Conception of Several Characteristics of the Disease." (Neurotoxoplasmosis adquirida en adultos. Comunicación de dos casos verificados por necropsia y revisión de algunas características de la afección.) [Inst. de Neurochir. & Invest. Cerebral., Univ. of Chile, Santiago.]

ACTA NEUROL. LAT.-AMER. (1960) Vol. 6, pp. 257-288.

Z - Vol. 165, #2, p. 186, Mar. 1962

C. ARSENI & M. GOLDENBERG:

"Psychic Disturbances in Infiltrative Gliomata of the Brain Stem." [Postgrad. Inst. of Med., & Neurosurg. Clin., IX, State Hosp., Bucharest, Rumania.] ACTA NEUROCHIR. (Vienna). (1959) Vol. 7, pp. 292-300.

Z - Vol. 156, #2, p. 191, June 1960

Karl-Eric ASTRÖM:

"The Pathology of Artificially Produced Lesions in the Central Nervous System." [Dept. of Path. II, Karolinska Inst., Sabbatsberg Sjukh., Stockholm.] ACTA NEUROL. SCAND. (1963) Vol. 39, Supp. 4, pp. 127-138. (16th Congress of Scand. Neurologists, Oslo, August 23-25, 1962.)

Z - Vol. 175, #2, p. 118, May 1964

Juan E. AZCOAGA:

"Glial Architecture of the Hypothalamic Neurosecretory Nuclei." (Der Gliose-Aufbau der neurosekretorischen Kerne des Hypothalamus.) [Path. Dept., Melchor Romero Psychiatric Hosp., La Plata, Argentina.] NEUROL. PSIHIAT. NEUROCHIR. (Bucharest). (1961) Vol. 6, pp. 7-14, with French, English & German Summaries. [Rumanian]

Z - Vol. 164, #1, p. 1, Dec. 1961

B

S. V. BABENKOVA:

"The Problem of Sensory Impairment in Diffuse Sclerosis."
(Le problème des troubles de la sensibilité dans la
sclérose en plaques.)

Ž. NEVROPAT. PSICHIAT. (1960) Vol. 60, pp. 1444-1452,
with French Summary. [Russian]

Z - Vol. 162, #1, p. 73, July 1961

F. W. BAILEY:

"Histological Changes in the Spinal Cord of Man in Cases
of Fatal Injury. Part V. Alterations in the Oli-
godendroglia and Microglia."

BULL. LOS ANGELES NEUROL. SOC. (1961) Vol. 26, p. 172.

Angelo BAIRATI:

"Fibrillar Structure of Astrocytes," pp. 66-72 in Biology
of Neuroglia, edited by Wm. F. Windle. Charles C,
Thomas, Springfield, 1958.

Angelo BAIRATI:

"Perivascular Relationship of the Neuroglia Cells," pp.
85-98 in Biology of Neuroglia, edited by Wm. F.
Windle. Charles C Thomas, Springfield, 1958.

A. B. BAKER:

"The Nervous System in Trichlorethylene. An Experimental Study." [Div. of Neurol., Univ. of Minnesota Med. School, Minneapolis.]

J. NEUROPATH. EXP. NEUROL. (1958) Vol. 17, pp. 649-655.

Z - Vol. 155, #1, p. 84, April 1960

S. BALAKRISHNAN, H. GOODWIN & J. N. CUMINGS:

"The Distribution of Phosphorus-Containing Lipid Compounds in the Human Brain." [Dept. of Chem. Path., Inst. of Neurol., Nat. Hosp., London.]

J. NEUROCHEM. (1961) Vol. 8, pp. 276-284.

Z - Vol. 169, #2, p. 125, Feb. 1963

W. BARGMANN, M. VON HARNACK & K. JACOB:

"The Fine Structure of the Nervous System of the Starfish."

Z. ZELLFORSCH. (1962) Vol. 56, p. 573.

C. F. BARLOW, N. S. DOMEK, M. A. GOLDBERG & L. J. ROTH:

"Extracellular Brain Space Measured by s^{35} Sulfate."

[Dept. of Med. & Dept. of Pharmacol., Univ. of Chicago.]

ARCH. NEUROL. (1961) Vol. 5, pp. 102-110.

Z - Vol. 164, #3, p. 204, Feb. 1962

L. BARRAQUER-BORDAS & J. de ASPRER-CASADO:
"Facial Herpes-like Process with Involvement of Several
Homolateral Pairs of Cranial Nerves (Extrinsic &
Intrinsic Ophthalmoplegia."
MED. ESP. (1963) Vol. 49, p. 17.

L. BARRAQUER-BORDAS, N. CANAL, F. DURAN-OBIOLS & A. COMAS-
FABRES:
"An Intraspinial Ganglioneuroblastoma in a Young Child."
(Sur un ganglioneuroblastome intraspinal chez le jeune
enfant.) [Dept. Neurol., Clin. Path. Gén., Univ. of
Barcelona, Lab. Neuropath., Inst. Bunge, Antwerp-
Berchem.]
ACTA NEUROL. BELG. (1963) Vol. 63, pp. 147-153.
Z - vol. 174, #2, p. 120, Feb. 1964

Russell J. BARNETT:
"Fine Structural Basis of Enzymatic Activity in Neurones."
(Yale University, New Haven.)
TRANS. AMER. NEUROL. ASSOC. (1963) Vol. 88, p. 123.

Russell J. BARNETT:
"Localization of Enzymatic Activity at a Fine Structural
Level." [Yale University, New Haven.]
PROC. ROY. MICRO. SOC. (1963) Vol. 82, p. 1.

A. A. BARTON:

"An Electron Microscope Study of Degeneration and
Regeneration of Nerve." [Dept. Anat., Royal Coll.
of Surgeons, London.]

BRAIN. (1962) Vol. 85, pp. 799-808.

Z - Vol. 173, #1, pp. 5-6, Nov. 1963

W. BARTSCH & H. C. HOPF:

"New Observations on the Relations Between Heart Capacity
and Spinal-Cord Circulation." (Neue Beobachtungen
über die Beziehungen zwischen Herzleistung und Rücken-
markskreislauf.) [Neurol. Clin., Univ. of Würzburg.]

DTSCH. Z. NERVENHEILK. (1963) Vol. 184, pp. 288-307.

Z - vol. 172, #2, pp. 99-100, Oct. 1963

H. BAUER, D. MATZELT & I. SCHWARZE:

"Studies on Brain Proteins When Brain Homogenates Are
Subjected to the Action of Lysolecithin." (Unter-
suchungen über Hirnproteine bei Einwirkung von
Lysolecithin auf Hirnhomogenate.) [Univ. Neurol.
Clin., Hamburg-Eppendorf, & Physiol.-Chem. Inst.,
Univ. of Hamburg.]

KLIN. Wschr. (1962) Vol. 40, pp. 251-255.

Z - Vol. 168, #3, p. 236, Dec. 1962

David G. BAXTER:

"Serum Complement in Multiple Sclerosis. A Report of a Study in 47 Cases." [Dept. Med., Med. Ctr., Univ. of California, Los Angeles.]
NEUROLOGY. (1963) Vol. 13, pp. 869-872.

Z - Vol. 177, #1, p. 65, Sept. 1964

Stephen F. BEDWELL & Richard LINDENBERG:

"A Hypothalamic Hamartoma with Dendritic Proliferation and Other Neuronal Changes Associated with 'Blastomatoid' Reaction of Astrocytes." [Central Anat. Lab., Maryland State Dept. of Ment. Hyg., Baltimore.]
J. NEUROPATH. EXP. NEUROL. (1961) Vol. 20, pp. 219-236.

Z - Vol. 166, #2, p. 115, May 1962

S. BEHRMAN, T. MANDYBUR & W. H. McMENEMEY:

"A Case of Creutzfeldt-Jacob Disease After Cerebral Injury." (Un cas de maladie de Creutzfeldt-Jacob à la suite d'un traumatisme cérébral.) [Brook Hosp. & Maida Vale Hosp. for Nerv. Dis., London.]
REV. NEUROL. (1962) Vol. 107, pp. 453-459.

Z - Vol. 173, #2, pp. 194-195, Dec. 1963

V. K. BELETSKY:

"On the Classification of Connective Tissue Tumours of the Central Nervous System."

VOP. NEYROCHIR. (1960) Vol. 24, #2, pp. 3-8, with English Summary, pp. 62-63. [Russian]

Z - Vol. 158, #2, pp. 126-127, Nov. 1960

V. K. BELETSKY:

"The Innervation of the Cerebrum and the Spinal Cord."

Z. NEVROPAT. PSICHIAT. (1962) Vol. 62, pp. 1281-1292,
with French Summary. [Russian]

Z - vol. 170, #3, p. 188, May 1963

Y. I. BELYAEV:

"Evaluation of the Diagnostic Import of Epileptic
Crises in Cerebral Tumors." (L'estimation de la
portée diagnostique des crises épileptiques dans
les tumeurs cérébrales.)

Ž. NEVROPAT. PSICHIAT. (1961) Vol. 61, pp. 528-533,
with French Summary. [Russian]

Z - Vol. 164, #1, pp. 78-79, Dec. 1961

G. BENETATO, E. GABRIELESCU & A. BORDEIANU:

"Cytochemical Changes in the Neuroglia During the Process
of Allergic Demyelination."

RUMANIAN MED. REV. (1961) Vol. 1, p. 73.

I. L. BEŇKOVIĆ:

"On the Response of Macroglia and Microglia in Brain
Injuries."

ČSL. NEUROL. (1961) Vol. 24, pp. 58-61, with English
Summary. [Czech]

Z - vol. 163, #1, p. 10, Oct. 1961

Michael V. L. BENNETT & H. GRUNDFEST:

"Studies on the Morphology and Electrophysiology of Electric Organs. III. Electrophysiology of Electric Organs in Mormyrids," pp. 113-135 in Bioelectrogenesis, edited by C. Chagas & A. P. De Carvalho. Elsevier, Amsterdam, 1961.

R. M. BENOLKEN:

"Reversal of Photoreceptor Polarity Recorded During the Graded Receptor Potential Response to Light in the Eye of Limulus."
BIOPHYS. J. (1961) Vol. 1, pp. 551-64.

J. P. M. BENSTED, J. DOBBING, R. S. MORGAN,
R. T. W. REID & G. Payling WRIGHT:

"Neuroglial Development and Myelination in the Spinal Cord of the Chick Embryo."
J. EMBRYOL. EXP. MORPH. (1957) Vol. 5, Part. 44, pp. 428-437.

Ole BERG & Bengt KÄLLÉN:

"Gliotoxic Effect of Serum from Patients With Neurological Diseases." [Dept. of Neurol., Dept. of Embryol., Univ. of Lund.]
LANCET (1962) Vol. 1, pp. 1051-1052.

Z - Vol. 169, #1, p. 24, Jan. 1963

Ole BERG & Bengt KÄLLÉN:

"White Blood Cells from Animals with Experimental Allergic Encephalitis Tested on Glia Cells in Tissue Culture."
ACTA PATH. MICROBIOL. SCAND. (1963) Vol. 58, p. 33.

V. BERGAMINI, A. FABIANI & Davide SCHIFFER:

"Contribution to the Study of Ependymomas. Part I. Cerebral Ependymomas (23 Cases). (Contributo allo studio degli ependimomi. I. Ependimomi cerebrali (23 casi).) [Clin. Nerv. & Ment. Dis., Univ. of Turin.]
ACTA NEUROL. (Naples). (1962) Vol. 17, pp. 31-49.

Z - Vol. 169, #3, p. 301, March 1963

Walter BERGER:

"A Silver-Permanganate Method with Paraffin Section."
(Eine Silber-Permanganat-Methode am Paraffinschnitt.)
[Dept. Path., Univ. of Colorado School of Med., Denver.]

SCHWEIZ. ARCH. NEUROL. NEUROCHIR. PSYCHIAT. (1963)
Vol. 92, pp. 292-295.

Z - Vol. 175, #3, p. 240, May 1964

Richard Monroe BERGLAND:

"Newer Concepts of Myelin Formation Correlated to Functional Changes." [Columbia Surg. Div., Bellevue Hosp., New York.]

A.M.A. ARCH. NEUROL. (1960) Vol. 2, pp. 260-265.

Z - Vol. 158, #2, p. 124, Nov. 1960

J. BERITOFF:

"On the Origin of the Inhibition of Nervous Elements in the Cerebral Cortex." [Inst. of Physiol., Georgian SSR Acad. of Sci., Tbilisi, USSR.]
ACTA NEUROL. LAT.-AMER. (1960) Vol. 6, pp. 137-162.

Z - Vol. 165, #3, p. 232, Apr. 1962

S. BERL & D. P. PURPURA:

"Postnatal Changes in Amino Acid Content of Kitten Cerebral Cortex." [New York Psychiat. Inst., & Dept. of Neurol. Surg., Coll. of Physicians & Surgeons, Columbia Univ., New York.]
J. NEUROCHEM. (1963) Vol. 10, pp. 237-240.

Z - Vol. 172, #4, p. 273, Nov. 1963

E. BERNARD-WEIL & Marcel DAVID:

"Role of Neuro-Endocrine Disturbances in the Evolution of Gliomas." (Rôle des perturbations neuro-endocriniennes dans l'évolutivité des gliomes. Dédutions thérapeutiques.)
NEURO-CHIRURGIE (Paris). (1963) Vol. 9, pp. 29-42.

Z - Vol. 176, #1, p. 78, June 1964

Kenneth BERRY & Jerzy OLSZEWSKI:

"Pathology of Intrathecal Phenol Injection in Man." [Div. Neuropath., Dept. Path., Univ. of Toronto.]
NEUROLOGY. (1963) Vol. 13, pp. 152-154.

Z - Vol. 176, #1, p. 45, June 1964

Ivan BERTRAND & Hajime MANNEN:

"Study of Vascular Reactions in Astrocytomas." (Etude des réactions vasculaires dans les astrocytomes.)
REV. NEUROL. (1960) Vol. 102, pp. 3-19.

Z - Vol. 161, #2, pp. 184-185, June 1961

Ivan BERTRAND, H. MOLLARET & R. BASTIN:

"The Possible Role of Cerebral Anoxia in Encephalitic Processes. A Case Observed in a Whooping-Cough Patient." (Du rôle éventuel de l'anoxie cérébrale dans les processus encéphalitiques. A propos d'un cas observé chez un coquelucheux.)

PRESSE MÉD. (1962) Vol. 70, pp. 1561-1564.

Z - vol. 170, #3, pp. 192-193, May 1963

Philip V. BEST:

"Intracranial Oligodendrogliomatosis." [Dept. Path., Univ. of Aberdeen.]

J. NEUROL. NEUROSURG. PSYCHIAT. (1963) Vol. 26, pp. 249-256.

Z - vol. 176, #3, p. 293, Aug. 1964

G. de BIASE & F. FABIANI:

"On the Histochemistry & Morphogenesis of the 'Corpora Amylacea' of the Central Nervous System with Reference to the Problem of the Para-Amyloid Nature of the Cerebral Changes of Senility."

ARCH. DE VECCHI ANAT. PAT. (1961) Vol. 34, p. 679.

Amico BIGNAMI, Danilo GHERARDI & Giuseppe GALLO:

"Acute Multiple Sclerosis with Localization in the Hypothalamus, and with Psychic Symptoms of Melancholia."
(Sclerosi a placche acuta a localizzazione ipotalamica con sintomatologia psichica di tipo malinconico.)
[Clin. of Nerv. & Ment. Dis., Inst. Anat. & Histol. Path., Univ. of Rome.]

RIV. NEUROL. (1961) Vol. 31, pp. 240-268.

Z - vol. 166, #3, p. 266, June 1962

Amico BIGNAMI & Michele ZAPPELLA:

"Leucodystrophy." (Le leucodistrofie.) [Inst. Anat. & Histol. Path., Clin. Pediat., Univ. of Rome.]
ACTA PAEDIAT. LAT. (Reggio Emilia). (1963) Vol. 16, pp. 113-144.

Z - vol. 174, #1, p. 80, Jan. 1964

A. BISCHOFF:

"Experimental Leucoencephalitis Following Intrathecal Administration of a Mucopolysaccharase (Hyaluronidase)." (Experimentelle Leuk-Encephalitis nach intrathecaler Verabreichung einer Mucopolysaccharase (Hyaluronidase).) [Research Dept., Neurol. Clin., Univ. of Zurich.]

DTSCH. Z. NERVENHEILK. (1960) Vol. 180, pp. 416-431.

Z - Vol. 160, #2, pp. 123-124, Apr. 1961

A. BISCHOFF:

"Familial Syndrome of Infancy with Myoclonia (Blitz-Nick Seizures), Hypsarrhythmia and Severe Psychomotor Regression." (Familiäres Syndrom des Säuglingsalters mit Myoklonie (Blitz-Nick-Krämpfen), Hypsarhythmie und schwerem psychomotorischem Entwicklungsrückstand.) [Research Dept., Neurol. Clin., Univ. of Zurich.]
PSYCHIAT. NEUROL. NEUROCHIR. (Amsterdam). (1961) Vol. 64, pp. 133-148.

Z - vol. 168, #3, p. 249, Dec. 1962.

A. BISCHOFF & F. REGLI:

"Hallervorden-Spatz Disease. Discussion of Pathological and Anatomical Findings from a Bona Fide Case Confirmed by Autopsy." (Die Hallervorden-Spatz'sche Krankheit. Diskussion der pathologisch-anatomischen Befunde an Hand eines eigenen autoptisch bestätigten Falles.) [Research Div., Neurol. Clin., Univ. of Zurich.]

ARCH. PSYCHIAT. NERVENKR. (1963) Vol. 204, pp. 589-602.

Z - vol. 175, #3, pp. 236-237, May 1964

J. W. BLACK & J. N. CUMINGS:

"Infantile Metachromatic Leucodystrophy." [Dept. of Path., Univ. of Edinburgh, & Dept. of Chem. Path., Inst. of Neurol., Nat. Hosp., London.]

J. NEUROL. NEUROSURG. PSYCHIAT. (1961) Vol. 24, pp. 233-239.

Z - Vol. 167, #3, p. 220, Sept. 1962

Theodor W. BLACKSTAD & Hans A. DAHL:

"Quantitative Evaluation of Structures in Contact with Neuronal Somata. An Electron Microscopic Study on the Fascia Dentata of the Rat." [Anat. Inst., Univ. of Oslo.]

ACTA MORPH. NEERL.-SCAND. (1962) Vol. 4, pp. 329-343.

Z - Vol. 168, #3, p. 214, Dec. 1962

S. M. BLINKOV:

"Glia-Neuron Index and Distribution Density of Glial Cells in Human Brain Stem."

ARKH. ANAT. GISTOL. I EMBRIOL. (1963) Vol. 47, #7, p. 42.
English Summary.

Karlheinz BLINZINGER:

"Electron Microscopic Studies on the Ependyma of the Cerebral Ventricle of the Golden Hamster (Mesocricetus aureatus)." (Elektronenmikroskopische Untersuchungen am Ependym der Hirnventrikel des Goldhamsters (Mesocricetus aureatus).) [Dept. Electron Microsc., Dtsch. Forschungsanst. f. Psychiat., Max-Planck-Inst. Munich.]

ACTA NEUROPATH. (Berlin). (1962) Vol. 1, pp. 527-532.

Z - vol. 172, #2, p. 97, Oct. 1963

Karlheinz BLINZINGER & Hermann HAGER:

"Architecture of the Fine Structure in Areas Where the Leptomeninx Adheres to the Brain Surface, as the Result of Inflammatory Processes." (Die feineren Strukturordnungen im Bereich von Verlötungen der Leptomeninx mit der Hirnoberfläche im Gefolge entzündlicher Prozesse.) [Dept. Electron Microsc., Dtsch. Forschungsanst. f. Psychiat., Max-Planck-Inst., Munich.]
ACTA NEUROPATH. (Berlin). (1963) Vol. 2, pp. 297-301.

Z - vol. 173, #1, pp. 7-8. Nov. 1963

H. BLOEDHORN, A. STAMMLER, R. ACKERMANN & W. SCHEID:

"Herpes Simplex Encephalitis in Adults, with Fatal Outcome." (Herpes-simplex-Encephalitis des Erwachsenen mit tödlichem Ausgang.) [Univ. Neurol. Clinic, Cologne.]
DTSCH. MED. WSCHR. (1962) Vol. 87, pp. 1247-1249, and illus. on p. 1264.

Z - Vol. 170, #1, p. 60, April, 1963

H. R. BÖHRINGER & A. BISCHOFF:

"A Familial Syndrome with Degenerative Diffuse Sclerosis (Pelizaeus-Merzbacher Type), Tapetoretinal Degeneration and Dwarfism." (Über ein familiäres Syndrom mit degenerativer diffuser Sklerose (Typus Pelizaeus-Merzbacher), tapetoretinaler Degeneration und Zwergwuchs.) [Neurol. Clin. & Ophthalmol. Clin., Univ. of Zurich.]

OPHTHALMOLOGICA (Basel). (1959) Vol. 137, pp. 147-154.

Z - vol. 155, #2, pp. 191-192, April 1960

Carl B. BOOTH, Haruo OKAZAKI & J. Claude GAULIN:
"Acute Inclusion Encephalitis of Herpes Simplex Type."
[Neurol. Sect., & Lab. Serv., Bronx VA Hosp.,
& Div. of Neuropath., Dept. of Path., Coll. of
Physicians & Surgeons, Columbia Univ., New York.]
NEUROLOGY. (1961) Vol. 11, pp. 619-629.

Z - Vol. 167, #3, pp. 303-304, Sept. 1962

Carl B. BOOTH, John G. SWADEY, Rosa E. FIOL,
Bernard KLEIN & Julia C. HALL:
"Neurologic Status of Patients with Liver Disease. Correlation with Cerebrospinal Fluid and Blood Ammonia Content." [Neurol. Sect., Med. & Lab. Serv., Bronx VA Hosp., & Div. of Neuropath., Dept. of Path., Coll. of Physicians & Surgeons, Columbia Univ., New York.]
ARCH. NEUROL. (1963) Vol. 8, pp. 257-263.

Z - Vol. 176, #2, pp. 116-117, July 1964

E. BORGHESE:

"The Behavior of Glial Cells in Tissue Culture."
In MAKROPHAGEN UND PHAGOZYTULOSE, SYMPOSIUM II (I. TORO,
Editor). Akademiai Kiado, Budapest, p. 131 (1961).

Eugenio BORGNA:

"Catamnestic and Symptomatological Considerations in Acute Disseminated Encephalomyelitis and in Multiple Sclerosis, with Special Regard to Their Diagnostic and Pathogenetic Differentiation." (Considerazioni catamnestiche e semeiologiche nell'encefalomieliti acute disseminate e nella sclerosi a placche con particolare riguardo alla loro definizione diagnostica e patogenetica.) [Clin. Nerv. & Ment. Dis., Univ. of Milan.]
SIST. NERV. (1960) Vol. 12, pp. 202-223.

Z - vol. 160, #3, p. 297, May 1961

Ernst BORN & Helmut BINDER:

"A Progressive Heredodegenerative Disease (Alcohol-Stable Metachromatic Leucodystrophy) with the Appearance of an 'Apallescetic' Syndrome." (Über eine unter dem Bild des apallischen Syndroms verlaufende heredodegenerative Erkrankung (alkoholstabile metachromatische Leukodystrophie).) [Psychiat. State Hospital, Zwiefalten, & Nerve Clin. & Brain Research, Inst., Univ. of Tübingen.]

PSYCHIAT. & NEUROL. (Basel). (1962) Vol. 144, pp. 295-317.

Z - Vol. 171, #2, pp. 187-188, July 1963

B. BORNSTEIN, U. SANDBANK, M. TAMIR & J. BREHAM:

"Sclerosing Subacute Leucoencephalitis with Turbulent Development." (Leucoencéphalite sclérosante subaiguë à évolution foudroyante.) [Neurol. Serv., Beilinson Hosp., Petah Tiqva, & Inst. Anat. Path., Kaplan Hosp., Rehoboth, Israel.]

REV. NEUROL. (1961) Vol. 105, pp. 430-442.

Z - vol. 168, #3, p. 315, Dec. 1962

Murray B. BORNSTEIN:

"A Tissue Culture Approach to Demyelinative Disorders."

[Lab. Cell. Neurophysiol., Dept. of Neurol., Mt. Sinai Hosp., New York.]

NAT. CANCER INST. MONOGRAPH NO. 11. (1963) pp. 197-214. (Symposium on Org. Culture.)

Murray B. BORNSTEIN & Stanley H. APPEL:

"The Application of Tissue Culture to the Study of Experimental 'Allergic' Encephalomyelitis. Part I. Patterns of Demyelination." [Lab. Cell Physiol., & Div. Neuropath., Columbia Univ., Coll. of Physicians & Surgeons, New York.]

J. NEUROPATH. EXP. NEUROL. (1961) Vol. 20, pp. 141-157.
(Boston Meeting, Am. Assoc. Neuropath., June 11, 1960.)

Z - vol. 163, #1, p. 8, Oct. 1961

Murray B. BORNSTEIN & Margaret R. MURRAY:

"Serial Observations on Patterns of Growth, Myelin Formation, Maintenance and Degeneration in Cultures of Newborn Rat and Kitten Cerebellum." [Mt. Sinai Hosp.]

J. BIOPHYS. BIOCHEM. CYTOL. (1958) Vol. 4, p. 99.

E. BOSCHI & C. MENOZZI:

"Wallerian Degeneration and Regeneration of the Peripheral Nerve Under the Influence of Antimitotics." (Degenerazione walleriana e rigenerazione del nervo periferico sotto l'influenza di antimitotici.) [Clin. Nerv. & Ment. Dis., Univ. of Milan.]

SIST. NERV. (1962) Vol. 14, pp. 325-344.

Z - vol. 171, #3, p. 265, Aug. 1963

G. BOUDIA, B. PEPIN, S. BRION, R. LABET, A. LAURAS &
G. LYON:

"Malignant Disease and Degenerative Neuropathies. Part I.
Report on Four Clinical and Anatomical Cases."

(Affections malignes et neuropathies degeneratives.

I. A propos de 4 observations anatomo-cliniques.)

PRESSE MED. (1962) Vol. 70, pp. 675-678.

Z - Vol. 168, #3, pp. 220-221, Dec. 1962

G. BOZSIK:

"Histological Alterations in the Nervous System, Following
Infection with Coxsackie B-3 in Childhood." (Über
die histologischen Veränderungen im Nervensystem nach
Infektion mit Coxsackie B-3 im Säuglingsalter.) [Neu-
rol. Clin., Medical Center, Univ. of Budapest.]

DTSCH. Z. NERVENHEILK. (1959) Vol. 179, pp. 564-574.

Z - Vol. 158, #3, p. 277, Nov. 1960

G. BOZSIK, B. HORÁNYI & M. PAPP:

"Histochemical Structure of the Panencephalitic Inclusion
Bodies." (Über die histochemische Struktur der pan-
encephalitischen Einschlusskörperchen.) [Neurol.

Clin. Med. Center, Univ. of Budapest.]

ACTA NEUROPATH. (Berlin). (1963) Vol. 2, pp. 362-370.

Z - Vol. 174, #3, pp. 252-253, Mar. 1964

Valentino BRAITENBERG:

"A Note on Myeloarchitectonics." [Division of Cybernetics, School of Advanced Theoretical & Nuclear Physics, Univ. of Naples.]

J. COMP. NEUROL. (1962) Vol. 118, pp. 141-156.

Z - Vol. 170, #3, pp. 181-182, May 1963

Roger BRASSEUR:

"A Morphological Study on Tissue Cultures of Glioblastoma Multiforme."

ACTA NEUROL. BELG. (1961) Vol. 61, #6, p. 558.

Roger BRASSEUR:

"Clinical, Anatomical, Pathological and 'In Vitro' Studies of a Cerebral Hemangioblastoma." (Etude clinique, anatomopathologique et "in vitro" d'un hémangioblastome cérébral.)

ACTA NEUROL. BELG. (1961) Vol. 61, pp. 1002-1007.

Z - Vol. 171, #1, p. 5, June 1963

Roger BRASSEUR:

"Human Cerebral Tumors in Tissue Cultures. Morphological Study and Ontogenetic Considerations." (Tumeurs cérébrales humaines en culture de tissus. Etude Morphologique et considérations ontogéniques.) [Anat. Lab., Belgian Inst. Neurol., Brussels.]

WORLD NEUROL. (1962) Vol. 3, pp. 173-184.

Z - Vol. 169, #1, pp. 6-7, Jan. 1963

Runar BRENNING:

"Three Cases of Syringomyelia Treated with Enanthaldehyde and Furfural." (Drei mit Önanta- und Furaldehyd behandelte Fälle von Syringomyelie.)
SVENSKA LÄKARTIDNINGEN. (1961) Vol. 58, pp. 2812-2832,
[Swedish]

Z - Vol. 166, #1, p. 51, May 1962

M. W. BRIGHTMAN & Sanford L. PALAY:

"The Fine Structure of Ependyma in the Brain of the Rat."
J. CELL BIOL. (1963) Vol. 19, pp. 415-439.

Carl A. BRINKMAN, Audrey V. WEGST & Edgar A. KAHN:

"Brain Scanning with Mercury²⁰³-Labeled Neohydrin." [Dept. of Surg., Sect. of Neurosurg., & Clin. Radioisotope Unit, Univ. of Michigan Med. Ctr., Ann Arbor.]
J. NEUROSURG. (1962) Vol. 19, pp. 644-651.
(Meeting of Harvey Cushing Soc., Chicago, May 2, 1962.)

Z - Vol. 176, #1, pp. 34-35, June 1964

K. R. BRIZZEE & L. A. JACOBS:

"The Glia/Neuron Index in the Submolecular Layer of the Motor Cortex in the Cat."
ANAT. RES. (1959) Vol. 134, p. 97.

Alf BRODAL & Per Arne DRABLØS:

"Two Types of Mossy fiber terminals in the Cerebellum and Their Regional Distribution." [Anat. Inst., Univ. of Oslo.]

J. COMP. NEUROL. (1963) Vol. 121, pp. 173-187.

Z - Vol. 177, #1, p. 4, Sept. 1964

Alf BRODAL & Gunnar GRANT:

"Morphology and Temporal Course of Degeneration in Cerebellar Mossy Fibers Following Transection of Spinocerebellar Tracts in the Cat." [Anat. Inst., Univ. of Oslo, & Dept. of Human Anat., Univ. of Uppsala.]

EXP. NEUROL. (1962) Vol. 5, pp. 67-87.

Z - Vol. 168, #3, pp. 223-224, Dec 1962

T. BROMAN, R. EDSTRÖM & O. STEINWALL:

"Technical Aspects of Dyes and Radiotracers in the Determination of Blood-Brain Barrier Damage." [Neurol. Clin., Univ. of Göteborg.]

ACTA PSYCHIAT. SCAND. (1961) Vol. 36, pp. 69-75.

Z - Vol. 164, #1, p. 12, Dec. 1961

Betty BROWNELL & J. Trevor HUGHES:

"The Distribution of Plaques in the Cerebrum in Multiple Sclerosis." [Dept. of Neurol. & Path., Radcliffe Infirm., Oxford.]

J. NEUROL. NEUROSURG. PSYCHIAT. (1962) Vol. 25, pp. 315-320.

Z - Vol. 172, #1, p. 6, Sept. 1963

Robert H. BROWNSON:

"The Effect of X-Irradiation on the Perineuronal Satellite Cells in the Cortex of Aging Brains." [Dept. of Anat., Med. Coll. of Virginia, Richmond.]
J. NEUROPATH. EXP. NEUROL. (1960) Vol. 19, pp. 407-414.

Z - Vol. 164, #1, p. 5, Dec. 1961

Robert H. BROWNSON, Daniel B. SUTER & Duane A. DILLER:
"Acute Brain Damage Induced by Low-Dosage X-Irradiation." [Dept. of Anat., Med. Coll. of Virginia, Richmond.]
NEUROLOGY. (1963) Vol. 13, pp. 181-191.

Z - Vol. 176, #1, p. 79, June 1964

Adolfo BRUSA:

"Sporadic Degeneration of Several Systems of the Central Nervous System, with Late Onset and Subacute Development. Anatomical and Clinical Study of a Case Difficult to Classify." [Clin. Nerv. & Ment. Dis., Univ. of Genoa.]
REV. NEUROL. (1961) Vol. 104, pp. 412-429.

Z - Vol. 168, #3, p. 326, Dec. 1962

Theodore H. BULLOCK:

"United States - Japan Neurophysiology Symposium." [Dept. of Zoology, Univ. of Calif., Los Angeles.]
NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964) Vol. 2, #3, May-June, pp. 145-155.

Mary Bartlett BUNGE, R. P. BUNGE & G. D. PAPPAS:
"Electron Microscopic Demonstration of Connections Between
Glia and Myelin Sheaths in the Developing Mammalian
Central Nervous System."
J. CELL. BIOL. (1962) Vol. 12, p. 448.

Mary Bartlett BUNGE, Richard P. BUNGE & Hans RIS:
"Ultrastructural Study of Demyelination in an Experimental
Lesion in Adult Cat Spinal Cord."
J. BIOPHYS. BIOCHEM. CYTOL. (1961) Vol. 10, p. 67.

Sandro BÜRGI & Verena M. BUCHER:
"Myelinated Fibers in the Central Gray Matter of the Cat
(Fasciculus Longitudinalis Dorsalis - the Tract of
Schutz - and Related Systems)." (Markhaltige Fasern
des zentralen Höhlengraus bei der Katze (Fasc. longi-
tudinalis dorsalis Schutz und verwandte Systeme).)
[Cerebral Biology Collection & Physiol. Inst., Univ.
of Zurich.]
ARCH. PSYCHIAT. NERVENKR. (1960) Vol. 201, pp. 218-238.

Z - Vol. 160, #2, p.115, Apr. 1961

G. A. BUSCAINO & C. PAOLOZZI:
"Late Amyotrophia Spinalis Syndrome, with Proximal Local-
ization, in a Former Poliomyelitis Patient." (Sin-
drome amiotrofica spinale tardiva, a localizzazione
prossimale, in soggetto gia poliomielitico.) [Clin.
Dis. Nerv. Syst., Univ. of Naples.]
ACTA NEUROL. (Naples). (1963) Vol. 18, pp. 372-382.

Z - Vol. 173, #3, p. 292, Jan. 1964

C

Jan CAMMERMEYER:

"Differences in Shape and Size of Neuroglial Nuclei in the Spinal Cord Due to Individual, Regional and Technical Variations." [Lab. Neuroanat. Sci., Nat. Inst. Neurol. Dis. & Blindn., Nat. Inst. Health, Bethesda, Md.]
ACTA ANAT. (1960) Vol. 40, pp. 149-177.

Jan CAMMERMEYER:

"The Distribution of Oligodendrocytes in Cerebral Gray and White Matter of Several Mammals." (N.I.N.D.B., National Institutes of Health, Bethesda, Maryland.)
AMER. J. ANAT. (1960) Vol. 107, pp. 107-27.

Jan CAMMERMEYER:

"Reappraisal of the Perivascular Distribution of Oligodendrocytes." (N.I.N.D.B., National Inst. of Health, Bethesda, Maryland.)
AMER. J. ANAT. (1960) Vol. 106, pp. 197-231.

Jan CAMMERMEYER:

"The Importance of Avoiding 'Dark' Neurons in Experimental Neuropathology." [Lab. of Neuroanat. Sci., Nat. Inst. of Neurol. Dis. & Blindn., Nat. Inst. of Health, US Publ. Health Serv., Dept. of Health, Education & Welfare, Bethesda, Md.]
ACTA NEUROPATH. (Berlin) (1961) Vol. 1, pp. 245-270.

Z - Vol. 168, #3, pp. 222-223, Dec. 1962

Jan CAMMERMEYER:

"Peripheral Chromatolysis After Transection of Mouse Facial Nerve." [Lab. Neuropath., Nat. Inst. Neurol. Dis. & Blindn., Nat. Inst. of Health, Bethesda, Md.] ACTA NEUROPATH. (Berlin). (1963) Vol. 2, pp. 213-230.

Z - Vol. 173, #1, pp. 13-14, Nov. 63

Jan CAMMERMEYER:

"Similarities Between Oligodendrocyte and Cerebellar Granule Cell Nuclei in Mammalia and Aves." AMER. J. ANAT. (1963) Vol. 112, p. 1

T. CAMPANINI, E. BENINCASA-STAGNI & G. MACCHI:

"Diffuse Scleroses in Childhood: Anatomical and Pathological Demonstration of a Case of Leucodystrophia Cavitaria." (Sulle sclerosi diffuse dell'età giovanile: illustrazione anatoma-patologica di un caso di leucodistrofia cavitaria.) [Santa Maria Della Pieta Psychiat. Hosp., Rome; Clin. Nerv. & Ment. Dis., Univ. of Parma.]

RIV. NEUROBIOL. (1959) Vol. 5, pp. 437-450.

Z - Vol. 155, #2, p. 191, April 1960

A. M. G. CAMPBELL:

"Veterinary Workers and Disseminated Sclerosis." [Dept. of Neurol., Royal Infirm., Bristol.]

J. NEUROL. NEUROSURG. PSYCHIAT. (1963) Vol. 26, pp. 514-515.

Z - Vol. 176, #3, p. 292, Aug. 1964

A. M. G. CAMPBELL, R. M. NORMAN & R. J. SANDRY:

"Subacute Encephalitis in an Adult Associated with Necrotising Myelitis, and Results of Animal Inoculation Experiments." [Burden Neuropath. Lab., Frenchay Hosp. & Royal Infirm., Bristol.]

J. NEUROL. NEUROSURG. PSYCHIAT. (1963) Vol. 26, pp. 439-446.

Z - Vol. 175, #3, p. 295, May 1964

Joaquin Santo-Domingo CARRASCO:

"Neuropathology of Delirium Tremens." (Neuropatologia del "delirium tremens.") [Div. of Histopath. of Nerv. Syst., Cajal Inst., & Neuropsychiat. Serv., Prov. Hosp., Madrid.]

ARCH. NEUROBIOL. (Madrid). (1959) Vol. 22, pp. 46-88.

Z - Vol. 154, #3, pp. 206-207, Mar. 1960

Joaquin Santo-Domingo CARRASCO:

"Neuropathology of the So-Called Temporal Lobe Epilepsy." (Neuropatologia de la epilepsia llamada del lóbulo-temporal.) [Div. of Histopath. of Nerv. Syst., Cajal Inst., Madrid.]

ARCH. NEUROBIOL. (Madrid). (1962) Vol. 25, pp. 153-197.

Z - Vol. 170, #3, p. 184, May 1963

E. A. CASPARY & E. FIELD:

"Immunological Examination of the Soluble Antigens of Human Brain and Their Modification by Proteolytic Enzymes." [Med. Branch, Res. Council Res. Group on Demyelinating Dis., Dept. Med., Royal Victoria Infirm., & King's Coll., Newcastle-upon-Tyne.]
DTSCH. Z. NERVENHEILK. (1963) Vol. 184, pp. 478-486.

Z - Vol. 174, #3, p. 251, Mar. 1964

B. CASTETS:

"Observations on 14 Cases of Alcoholic Encephalopathy of the Gayet-Wernicke Type. Clinical and Therapeutic Study." (A propos de 14 observations d'encéphalopathie alcoolique de type Gayet-Wernicke. Etude clinique et thérapeutique.)
ANN. MÉD. -PSYCHOL. (1961) Vol. 119, pp. 651-668.

Z - Vol. 169, #1, pp. 8-9, Jan. 1963

N. CAUNA & G. MANNAN:

"Organization and Development of the Preterminal Nerve Pattern in the Palmar Digital Tissues of Man." [Dept. of Anat., King's Coll., Newcastle-upon-Tyne, & Dacca Med. Coll., Dacca, East Pakistan.]
J. COMP. NEUROL. (1961) Vol. 117, pp. 309-327.

Z - Vol. 168, #3, p. 229, Dec. 1962

G. CAUSEY & A. A. BARTON:

"The Cellular Content of the Endoneurium of Peripheral Nerve."

BRAIN. (1959) Vol. 82, pp. 594-598.

Z - Vol. 157, #2, p. 81, Aug. 1960

Gilbert CAUSEY:

"The Ultrastructure of Schwann Cells," pp. 44-64, "Development and Tissue Culture of Schwann Cells, pp. 65-72, and bibliographical references, pp. 112-120, in book by the author, The Cell of Schwann. E. & S. Livingstone, Ltd., Edinburgh & London, 1960.

J. B. CAVANAGH, D. GREENBAUM, A. H. E. MARSHALL & L. J. RUBINSTEIN:

"Cerebral Demyelination Associated with Disorders of the Reticuloendothelial System." [Dept. of Path., Guy's Hosp. Med. School, London.]

LANCET. (1959) Vol. 277, pp. 524-529.

Z - Vol. 155, #3, p. 253, May 1960

Wojciech S. CENDROWSKI:

"Presumed Existence of Subordinate Genetic Factors in Multiple Sclerosis." [Dept. of Neurol., Inst. of Psychoneurol., Warsaw-Pruszkow.]

ACTA NEUROL. BELG. (1963) Vol. 63, pp. 364-375.

Z - Vol. 175, #2, p. 187, May 1964

Jorge CERVÓS-NAVARRO:

"Electron Microscopic Studies on Spinal Ganglia. Part II.
Satellite Cells." (Elektronenmikroskopische Unter-
suchungen an Spinalganglien. II. Satellitenzellen.)
[Inst. Neuropath., Univ. of Bonn; Inst. Electron Mi-
crosc., Med. Acad., Düsseldorf.]
ARCH. PSYCHIAT. NERVENKR. (1960) Vol. 200, pp. 267-283.

Z - Vol. 158, #2, p. 125, Nov. 1960

Jorge CERVÓS-NAVARRO:

"Electron Microscopic Findings in the Capillaries of the
Cerebral Cortex." (Elektronenmikroskopische Befunde
an den Capillaren der Hirnrinde.) [Inst. Neuropath.,
Univ. of Bonn; Inst. Biophysics & Electron Microsc.,
Med. Acad., Düsseldorf.]
ARCH. PSYCHIAT. NERVENKR. (1963) Vol. 204, pp. 484-504.

Z - Vol. 176, #1, p. 2, June 1964

Jorge CERVÓS-NAVARRO & Virgillio MENOZZI:

"The Role of the Mesenchyme in Brain Tumors." (Das Ver-
halten des Mesenchyms bei Hirntumoren.) [Rhein.
Brain Res. Inst. & Inst. f. Neuropath., Univ. of
Bonn.]
PSYCHIAT. NEUROL. JAP. (1959) Vol. 61, pp. 371-392.

Z - Vol. 154, #2, p. 109, Feb. 1960

J. J. CHANG & Walther HILD:

"Contractile Responses to Electrical Stimulation of
Glial Cells from the Mammalian Central Nervous
System Cultivated in Vitro." [Univ. of Texas
Med. Branch, Galveston.]

J. CELL. & COMP. PHYSIOL. (1959) Vol. 53, pp. 139-144.

J. L. CHASON, J. W. LANDERS, J. E. GONZELEZ & G.
BRUECKNER:

"Respiratory Enzyme Activity of Human Gliomas. A
Slide Histochemical Study." [Dept. Path., Wayne
State Univ. Coll. of Med., Detroit.]

J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, pp. 471-
478.

Z - Vol. 176, #3, pp. 216-217, Aug. 1964

J. CHEVREAU & R. MARTY:

"Variations in Neuroglial Density During the Process of
Myelination." (Variations de la densité névroglie
au cours du processus de myélinisation.)

C. R. ACAD. SCI. (PARIS). (1961) Vol. 252, p. 1670.

H. CHIGASAKI:

"Studies on the DNA Synthesis Function of Glial Cells by
Means of H³-Thymidine Microradiography."

BRAIN NERVE. (1963) Vol. 15, p. 767.

Erna CHRISTENSEN:

"Pathology of Extrapyrarnidal Diseases." [Univ. Lab. Psychiat., State Hosp., Copenhagen.]

ACTA NEUROL. SCAND. (1963) Vol. 39, Supp. 4, pp. 119-126.
(16th Congr. Scand. Neurologists, Oslo, Aug. 23-25, 1962.)

Z - Vol. 175, #2, p. 119, May 1964

Erna CHRISTENSEN & Arne BRUN:

"Subacute Spongiform Encephalopathy. Spongiform Cerebral Atrophy." [Dept. Neurol., Univ. of Lund, & Neuropath. Lab., Psychiat. Clin., Univ. of Copenhagen.]

NEUROLOGY. (1963) Vol. 13, pp. 455-463.

Z - Vol. 175, #2, p. 189, May 1964

Erna CHRISTENSEN, Johannes C. MELCHIOR & Henning ANDERSEN:

"Diffuse Infantile Familial Sclerosis (Krabbe-Type). The Remarks are Based on the Clinical and Pathological Findings in a Family with Two Affected Children, and the Examination of Twin Fetuses." [Univ. Psychiat. Lab. & Lab. for Fetal Res., Queen Louise's Children's Hosp., Copenhagen.]

ACTA PSYCHIAT. SCAND. (1960) Vol. 35, pp. 431-439.

Z - Vol. 162, #2, p. 167, Aug. 1961

Erna CHRISTENSEN, Johannes C. MELCHIOR & Silvio NEGRI:
"A Comparative Study of 16 Cases of Diffuse Sclerosis
with Special Reference to the Histopathological
Findings." [Psychiat. Lab., State Hosp., Univ. of
Copenhagen.]
ACTA NEUROL. SCAND. (1961) Vol. 37, pp. 163-207.

Z - Vol. 172, #2, p. 98, Oct. 1963

W. CHRISTIAN: (Heidelberg)

"Electro-Cerebral Correlates of Impaired Consciousness and
Frontal Akinesia." (Hirnelektrische Korrelate der Be-
wusstseinsstörungen und der frontalen Akinese.)
[Report at 78th General Assembly of the Südwestdeutsche
Neurologen und Psychiater, Baden-Baden, June 16-17,
1962. Main Theme: Consciousness, Memory, Orientation.]
ZENTRALBLATT FÜR DIE GESAMTE NEUROLOGIE UND PSYCHIATRIE.
(1963) Vol. 169, #3, pp. 541 (meeting notice) & 217.

Z - see journal reference above, p. 217, Mar. 1963.

H. E. CHRISTIANSEN & J. GARBINI:

"The Neuroglia of Auerbach's Plexus." (Neuroglia del plexo
de Auerbach.)
ARCH. HISTOL. (Buenos Aires). (1960) Vol. 7, p. 303.

Jorgen CLAUSEN:

"Immuno-electrophoretic Investigations of Normal and
Pathologic Cerebrospinal Fluids. Their Correlation
with Findings in Human Serum." [Univ. of Copenhagen,
Biochem. Inst.]
WORLD NEUROL. (1960) Vol. 1, pp. 479-490.

Z - Vol. 163, #1, p. 37, Oct. 1961

Rose Robyns COELHO, Joan Wright GOODMAN & M. Blair BOWERS:
"Chemical Studies of the Satellite Cells of the Squid
Giant Nerve Fiber." [Dept. of Biol., Massachusetts
Institute of Technology, Cambridge, Mass.]
EXP. CELL RES. (1960) Vol. 20, pp. 1-11.

Z - Vol. 162 #1, p. 5, July 1961

W. F. COLLINS & Clark T. RANDT:
"Midbrain Evoked Responses Relating to Peripheral Unmyelin-
ated or 'C' Fibers in Cat." [Dept. of Neurol., N.Y.U.
Sch. of Med., New York.]
J. NEUROPHYSIOL. (1960) Vol. 23, p. 47.

W. F. COLLINS & Clark T. RANDT:
"Fiber Size and Organization of Afferent Pathways." [Dept.
of Neurology, N.Y.U. Sch. of Med., New York.]
ARCH. NEUROL. (1961) Vol. 5, p. 100.

P. CONTU:
"Research on Glial Architecture of South American Primates.
Cebus Capucinus."
"Research on Glial Architectures of South American Reptiles.
Caiman Latirostris."
"Research and Comparative Anatomy Considerations of the Glia
of the Optic Nerve in Reptiles."
FOLIA CLIN. ET BIOL. (1961) Vol. 30, pp. 152, 165, 215.

P. CONTU & M. LINS:

"Morphologic Observations on the Neuroglia of Rats Treated
with Tiroxine."

FOL. CLIN. BIOL. (1958-1959) Vol. 28, p. 70.

D. R. CORDY & Gordon SHULTZ:

"Congenital Subcortical Encephalopathies in Lambs."

[School of Vet. Med., Univ. of California, Davis,
& Bureau of Livestock Dis. Control, Div. of Animal
Indust., California State Dept. of Agricult.,
Sacramento.]

J. NEUROPATH. EXP. NEUROL. (1961) Vol. 20, pp. 554-562.

Z - Vol. 169, #2, p. 201, Feb. 1963

James W. CORRELL, Norman E. CHASE & Harold L. ATKINS:

"New Technique for Interstitial Irradiation of Brain
Tumors." [Serv. of Neurol. Surg. & Radiol.,
Neurol. Inst., Presbyterian Hosp., New York.]

J. NEUROSURG. (1961) Vol. 18, pp. 800-803.

Z - Vol. 169, #2, p. 158, Feb. 1963

F. CORRIDORI & G. PELLEGRINI:

"Serum Glycoprotein Fractions and Hexosamine Level in
Multiple Sclerosis. Part I." [Carlo Besta Neurol.
Inst., Milan.]

PSYCHIAT. ET NEUROL. (Basel). (1960) Vol. 139, pp. 382-
396.

Z - Vol. 162, #1, p. 11, July 1961

Cyril B. COURVILLE:

"Antenatal and Paranatal Circulatory Disorders as a Cause of Cerebral Damage in Early Life." [Cajal Lab. of Neuropath., Los Angeles County Hosp., & Div. of Nerv. Dis., Coll. of Med. Evangelists, Los Angeles.]

J. NEUROPATH. EXP. NEUROL. (1959) Vol. 18, pp. 115-140. (Annual Meeting, Amer. Assoc. of Neuropathologists, Atlantic City, N. J., June 19, 1958.)

Z - Vol. 156, #1, pp. 5-6, May 1960

Cyril B. COURVILLE & Sarkis L. BROUSSALIAN:

"Plastic Ependymomas of the Lateral Recess. Report of Eight Verified Cases." [Cajal Lab. of Neuropath., Los Angeles County Hosp., & Div. of Nerv. Dis., Coll. of Med. Evangelists, Los Angeles.]

J. NEUROSURG. (1961) Vol. 18, pp. 792-799.

Z - Vol. 168 #1, p. 67 Oct. 1962

David COWEN & Edwin V. OLMSTEAD:

"Infantile Neuroaxonal Dystrophy." [Depts. of Path. & Neurol., Coll. of Physicians & Surgeons, Columbia Univ.; Neurol. Inst. of Presbyterian Hosp., New York; Lab. Serv., Hunterdon Med. Center, Flemington, N.J.]

J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, pp. 175-236.

Z - Vol. 173, #2, p. 120, Dec. 1963

Humberto CRAVIOTO & Irwin FEIGIN:

"Localized Cerebral Gliosis with Giant Neurons Histologically Resembling Tuberos Sclerosis." [Dept. of Path., New York Univ.-Bellevue Med. Center, New York.]

J. NEUROPATH. EXP. NEUROL. (1960) Vol. 19, pp. 572-579.

Z - Vol. 163, #1, p. 8, Oct. 1961

Humberto CRAVIOTO, Julius KOREIN & Jacobo SILBERMAN:

"Wernicke's Encephalopathy. A Clinical and Pathological Study of 28 Autopsied Cases." [Depts. of Path. & Neurol. New York Univ. Med. Center.]

ARCH. NEUROL. (1961) Vol. 4, pp. 510-519.

Z - Vol. 168, #2, p. 108, Nov. 1962

Humberto CRAVIOTO & H. J. MERKER:

"Electron Microscopic Studies on Satellite Cells of the Sympathetic Ganglia in Man." (Elektronenmikroskopische Untersuchungen an Satellitenzellen der sympathischen Ganglien des Menschen.) [Research Div. Electron Microsc., Free Univ., Berlin.]

ARCH PSYCHIAT. NERVENKR. (1963) Vol. 204, pp. 1-10.

Z - Vol. 173, #1, p. 3, Nov. 1963

O. D. CREUTZFELDT: (Freiburg)

" Neuronal Activity and Its Relation to EEG Potentials."
(Die Neuronenaktivität und ihre Beziehung zu den Potentialen des EEG.)

[Report at 9th Annual Meeting of the Deutsche EEG-Gesellschaft, Sept. 8-10, 1960, Dusseldorf. Main Theme: Origin of the Over-All and Neuronal Discharges in the Brain]

ZENTRALBLATT FÜR DIE GESAMTE NEUROLOGIE UND PSYCHIATRIE.
(1961) Vol. 161, #1, pp. 1-2.

Z - see journal reference above, pp. 1-2, May 1961.

L. CROME, V. TYMMS & L. I. WOOLF:

"A Chemical Investigation of the Defects of Myelination in Phenylketonuria." [Fountain Hosp., London, & Dept. of Regius Prof. of Med., Radcliffe Infirm., Oxford.]

J. NEUROL. NEUROSURG. PSYCHIAT. (1962) Vol. 25, pp. 143-148.

Z - Vol. 171, #1, p. 9, June 1963

Elizabeth C. CROSBY & Edward W. LAUER:

"Neuroanatomy."

PROGR. NEUROL. PSYCHIAT. (1962) Vol. 17, pp. 1-19.

Z - Vol. 173, #1, p. 1, Nov. 1963

J. N. CUMINGS:

"The Chemistry of Myelin and Some Aspects of Myelination," pp. 44-57 in Mechanisms of Demyelination, edited by Augustus S. Rose & Carl M. Pearson. McGraw-Hill, New York, 1963.

J. N. CUMINGS:

"Some Biochemical Considerations Regarding Different Forms of Demyelination," pp. 58-71 in Mechanisms of Demyelination, edited by Augustus S. Rose & Carl M. Pearson. McGraw-Hill, New York, 1963.

J. T. CUMMINS & Holger HYDÉN:

"Adenosine Triphosphate Levels and Adenosine Triphosphatases in Neurons, Glia, and Neuronal Membranes of the Vestibular Nucleus."

BIOCHEM. BIOPHYS. ACTA. (1962) Vol. 60, pp. 271-283.

B. CUPARENCU, A. ROSENBERG & V. DAGHIE:

"The Effect of Protein Deprivation on the Brain. Histo-
pathological and Histochemical Studies." (L'In-
fluence de la carence protéique sur le cerveau.
Recherches histopathologiques et histochimiques.)
[Inst. Med. Pharm., Cluj, Rumania.]

WORLD NEUROL. (1962) Vol. 3, pp. 431-437.

Z - Vol. 170, #2, p. 95, May 1963

D. R. CURTIS, D. D. PERRIN & J. C. WATKINS:

"The Excitation of Spinal Neurones by the Ionophoretic
Application of Agents Which Chelate Calcium."
[Depts. of Physiol. & Med. Chem., Australian Nat.
Univ., Canberra.]

J. NEUROCHEM. (1960) Vol. 6, pp. 1-20.

Z - Vol. 167, #2, p. 115, Aug. 1962

D

Anthony N. D'AGOSTINO, Gertrude L. PEASE & James W.
KERNOHAN:

"Cerebral Demyelination Associated with Polycythemia Vera."
[Sect. of Clin. Path. & Path. Anat., Mayo Clin. &
Foundn., Rochester, Minn.]
J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, pp. 138-147.

Z - Vol. 175, #1, p. 9, April 1964

Anthony N. D'AGOSTINO, George P. SAYRE & Alvin B. HAYLES:
"Krabbe's Disease. Globoid-Cell Type of Leukodystrophy."
[Sect. of Path. Anat. & Sect. of Pediat., Mayo Clin.
& Foundn., Rochester, Minn.]
ARCH. NEUROL. (1963) Vol. 8, pp. 82-96.

Z - Vol. 175, #1, p. 6, April 1964

H. A. DAHL:

"Fine Structure of Cilia in Rat Cerebral Cortex."
Z. ZELLFORSCH. (1963) Vol. 60, p. 369.

Vagn DAHL, Steen OLSEN & Aksel BIRCH-ANDERSEN:

"The Fine Structure of the Granular Layer in the Human
Cerebellar Cortex." [Lab. of Electron Microsc.,
Lab. of Neuropath., & Dept. of Biophysics, Statens
Seruminst., Kommunehosp., Copenhagen.]
ACTA NEUROL. SCAND. (1962) Vol. 38, pp. 81-97.

Z - Vol. 169, #1, p. 4, Jan. 1963

C. D'ANGELO & D. MERIGLIANO:

"Progressive Paralysis and Senile Plaques." (Paralisi progressiva e placche senili.) [Santa Maria di Pieta Prov. Psychiat. Hosp., Rome.]

LAV. NEUROPSICHIAT. (1962) Vol. 30, pp. 147-156.

Z - Vol. 169, #1, p. 6, Jan. 1963

J. P. DAVID, S. MURAYAMA, X. MACHNE & K. R. UNNA:

"Evidence Supporting Cholinergic Transmission at the Lateral Geniculate Body of the Cat." [Dept. of Pharmacol., Univ. of Illinois, Chicago.]

INT. J. NEUROPHARMACOL. (1963) Vol. 2, pp. 113-125.

Z - Vol. 176, #3, p. 227, Aug. 1964

A. N. DAVISON, R. S. MORGAN, M. WAJDA & G. Payling
WRIGHT:

"Metabolism of Myelin Lipids: Incorporation of (3-C¹⁴) Serine in Brain Lipids of the Developing Rabbit, and Their Persistence in the Central Nervous System." [Dept. of Path., Guy's Hosp. Med. School, London.]

J. NEUROCHEM. (1959) Vol. 4, pp. 360-365.

Z - Vol. 159, #2, p. 128, Dec. 1960

R. L. DAWSON & H. A. LINDSAY:

"Serum Cholinesterase in Patients with Multiple Sclerosis." [Univ. of West Virginia Med. Center, Morgantown, West Virginia.]

ARCH. INT. PHARMACODYN. (1961) Vol. 133, pp. 16-19.

Z - Vol. 168, #1, p. 9, Oct. 1962

A. J. Darin DE LORENZO:

"Electron Microscopy of the Cerebral Cortex. Part I. The Ultrastructure and Histochemistry of Synaptic Junctions." [Lab. of Electron Microscopy, Dept. of Otolaryngol., Johns Hopkins Univ. School of Med. & Hosp., Baltimore.]

BULL. JOHNS HOPKINS HOSP. (1961) Vol. 108, pp. 258-267.

Z - Vol. 167, #1, p. 5, July 1962

Edward W. DEMPSEY & Sarah A. LUSE:

"Fine Structure of the Neuropil in Relation to Neuroglia Cells," pp. 99-108 & Discussion pp. 108-129 in Biology of Neuroglia, edited by Wm. F. Windle. Charles C Thomas, Springfield, 1958.

Donald DENNY-BROWN:

"Experimental Studies Pertaining to Hypertrophy, Regeneration and Degeneration." [Neurol. Unit, Boston City Hosp., & Dept. of Neurol., Harvard Medical School, Boston.]

RES. PUBL. ASS. NERV. MENT. DIS. (1960) Vol. 38, pp. 147-196.

(New York Meeting, Dec. 12-13, 1958.)

Z - Vol. 168, #3, p. 213, Dec. 1962

Carlo DE RISIO & Tito CAMPANINI:

"Contribution of Electrophoretics to the Study of Multiple Sclerosis and Other Diseases of the White Matter."
(Contributo dell'elettroforesi allo studio della sclerosi a placche e di altre malattie della sostanza bianca.) [Clin. Nerv. & Ment. Dis., Univ. of Parma.]
RIV. NEUROBIOL. (1959) Vol. 5, pp. 973-985.

Z - Vol. 158, #2, p. 130, Nov. 1960

Carlo DE RISIO & Tito CAMPANINI:

"Problem of Demyelination with Reference to the Biochemical Profile." (Il problema della demielinizzazione sotto il profilo biochimico.) [Clin. Nerv. & Ment. Dis., Univ. of Parma.]
RIV. NEUROBIOL. (1959) Vol. 5, pp. 987-998.

Z - Vol. 158, #2, p. 136, Nov. 1960

C. DESCALZO:

"Modification of Cajal's Gold Sublimate Method for Paraffin Sections." (Modifikation der Goldsublimat-Methode Cajals für Paraffinschnitte.) [Inst. Brain Res., Tübingen.]
ACTA NEUROPATH. (Berlin). (1963) Vol. 2, pp. 501-503.

Z - Vol. 177, #1, p. 12, Sept. 1964

Ilona DE SIBRIK & Desmond S. O'DOHERTY:

"Phosphatases and Phospholipases in the Central Nervous System. A Study in Normal States and in Experimentally Induced Disseminated Allergic Encephalomyelitis." [Dept. of Neurol., Georgetown Univ. School of Med., Washington, D.C.]

A.M.A. ARCH. NEUROL. (1960) Vol. 2, pp. 537-546.

Z - Vol. 160, #1, pp. 12-13, Mar. 1961

Ilona DE SIBRIK & Desmond S. O'DOHERTY:

"Glucuronidase and Lipids in Wallerian Degeneration." [Dept. of Neurol., Georgetown Univ. Med. Center, Washington, D.C.]

NEUROLOGY. (1961) Vol. 11, pp. 899-904.

Z - Vol. 169, #3, p. 241, Mar. 1963

E. DE VRIES:

"Borderline Cases of Dawson-Van Bogaert Encephalitis." [Dept. Neurol., Univ. Teaching Hosp., Utrecht.]

PSYCHIAT. NEUROL. NEUROCHIR. (Amsterdam). (1963) Vol. 66, pp. 459-467.

Z - Vol. 175, #3, pp. 295-296, May 1964

H. E. DIEMATH:

"The Course of Glioblastomal Disease." (Zum Verlauf der Glioblastomerkrankung.) [Surg. Clin., Univ. of Graz, Austria.]

NEUROCHIRURGIA (Stuttgart). (1960) Vol. 3, pp. 45-59.

Z - Vol. 160, #3, p. 300, May 1961

Paul B. DIEZEL:

"Final Remarks on the Observations of Franz SEITELBERGER. The Histopathology of Merzbacher-Pelizaeus Disease." (Schlusswort zu den Bemerkungen von Franz Seitelberger. Zur Histopathologie der Pelizaeus-Merzbacherschen Krankheit.) [Path. Inst., Heidelberg.] [See also Paul B. DIEZEL & Karl HUTH: "Merzbacher-Pelizaeus Disease with Familial Involvement." (Pelizaeus-Merzbacherschen Erkrankung mit familiärem Befall.)] DTSCH. Z. NERVENHEILK. (1963) Vol. 185, pp. 114-116.

Z - Vol. 176, #1, p. 3, June 1964

Paul B. DIEZEL & Karl HUTH:

"Merzbacher-Pelizaeus Disease with Familial Involvement." (Pelizaeus-Merzbachersche Erkrankung mit familiärem Befall.) [Path. Inst., Univ. of Heidelberg.] DTSCH. Z. NERVENHEILK. (1963). Vol. 184, pp. 264-287.

Z - Vol. 175, #1, p. 4, Apr. 1964

Wolfgang DIHLMANN:

"Delayed Radiation Effects in the Central Nervous System, and Their Relation to Radiation Injury in Other Organs." (Die Strahlenspättschäden im Zentralnervensystem und ihre Beziehungen zu Strahlenschädigungen in anderen Organen.) [Neuropath. Inst., Univ. of Tübingen.] MED. WELT. (1961) pp. 1375-1380.

Z - Vol. 172, #1, pp. 4-5, Sept. 1963

A. D. DIXON:

"Multiple Myelin Sheaths in Single Schwann Cells."
NATURE. (1962) Vol. 193, p. 1004.

A. D. DIXON:

"Fine Structure of Nerve-Cell Bodies and Satellite Cells
in the Trigeminal Ganglion."
J. DENT. RES. (1963) Vol. 42, p. 990.

Rosemary DOBSON & Y. OHNUKI:

"Chromosomal Abnormalities in a Child with a Convulsive
Disorder." [Pasadena Foundn. for Med. Res.,
Pasadena.]
LANCET. (1961) II, #7203, pp. 627-630.

H. DOHR:

"The Respiration of Human Brain Tumors and Cerebral Tis-
sue in Vitro. Studies Using the Warburg Method on
66 Cases." (Über die Atmung von menschlichen Hirn-
tumoren und Hirngewebe in vitro. Untersuchungen
nach der Warburg-Methode in 66 Fällen.) [Neurosurg.
Clin., Univ. of Bonn.]
ACTA NEUROCHIR. (Vienna). (1961) Vol. 9, pp. 543-553.

Z - Vol. 165, #2, p. 107, March 1962

St. DRĂGĂNESCU, G. M. CONSTANTINESCU, Florica NEREANTIU
& N. DRĂGĂNESCU:

"Subacute Sclerosing Leucoencephalitis in Adults.
Presence of Intracellular Inclusions." (Leuco-
encephalite sclérosante subaigue chez l'adulte.
Présence des inclusions intracellulaires.)

STUD. CERCET. NEUROL. (1959) Vol. 4, pp. 413-424, with
French Summary. [Rumanian]

Z - Vol. 156, #1, p. 85, May 1960

St. DRĂGĂNESCU, Gr. MARCOVICO, O. VUIA & A. FLORESCU:
"Acute Reticulohistiocytary Encephalitis in Children."
(Encéphalite réticulo-histiocytaire aiguë chez
l'enfant.)

STUD. CERCET. NEUROL. (1962) Vol. 7, pp. 475-484, with
French Summary. [Rumanian]

Z - Vol. 173, #3, p. 291, Jan. 1964

St. DRĂGĂNESCU, Ar. PETRESCU & N. ANGHELESCU:

"Histochemical Research on the Disintegration of Myelin."
(Recherches histochimiques sur la désintégration de
la myéline.)

STUD. CERCET. NEUROL. (1961) Vol. 6, pp. 229-243, with
French Summary. [Rumanian]

Z - Vol. 166, #3, p. 186, June 1962

St. DRĂGĂNESCU, I. SEITAN, O. VUIA & Fl. NEREANTIU:

"Leucoencephalitides (Transitional Forms)." (Leucoen-
cephalites (formes de transition).)

STUD. CERCET. NEUROL. (1963) Vol. 8, pp. 371-392, with
French Summary. [Rumanian]

Z - Vol. 176, #1, p. 78, June 1964

St. DRĂGĂNESCU, S. VOINESCU & Ar. PETRESCU:

"Anatomical and Clinical Aspects of Certain Poorly Classified Encephalitides and Perivenous Encephalitides in the Course of Diseases Having the Character of Panencephalitides." (Aspects anatomo-cliniques de certaines encéphalites mal classées et d'encéphalites periveineuses au cours de maladies ayant le caractère des panencéphalites.) [I. P. Pavlov Neurol. Inst., R. P. R. Acad., Bucharest.]

ACTA NEUROL. BELG. (1958) Vol. 58, pp. 495-511.

Z - Vol. 158, #2, p. 199, Nov. 1960

P. M. DREYFUS & M. VICTOR:

"The Nervous System and Thiamine Deficiency. Neuropathological and Biochemical Observations." (Le système nerveux et la carence en thiamine. Observations neuropathologiques et biochimiques.) [Massachusetts Gen. Hosp. & Harvard Medical School, Boston.]

SCHWEIZ. MED. WSCHR. (1963) Vol. 93, pp. 1655-1660.

Z - Vol. 175, #3, pp. 244-245, May 1964

K. DROPMANN:

"The Use of Silver Impregnation of Nerve Fibers in Electron Microscopy." (Die Anwendung der Silberimprägnation von Nervenfasern in der Elektronenmikroskopie.) [Univ. Med. Clin., Münster.]

ACTA NEUROVEG. (Vienna), (1963) Vol. 25, pp. 418 & 426.

Z - Vol. 175, #3, p. 239, May 1964

D. DUNCAN & Walther HILD:

"Mitochondrial Alterations in Cultures of the Central Nervous System as Observed with the Electron Microscope." [Univ. of Texas Medical Branch, Galveston.] ZEIT. F. ZELLFORSCH. (1960) Vol. 51, pp. 123-137.

P. J. DYCK, J. N. CUMINGS & J. OLSZEWSKI:

"Sudanophilic Leukodystrophy with Increased Hexosamine Content." [Lab. of Exp. Neuropath., Dept. of Path., Univ. of Saskatchewan Coll. of Med., Saskatoon, & Dept. of Chem. Path., Inst. of Neurol., Nat. Hosp., London.] NEUROLOGY. (1960) Vol. 10, pp. 765-771.

Z - Vol. 160, #3, pp. 210-211, May 1961

E

G. W. F. EDGAR:

"Myelin Lipids in Multiple Sclerosis." [Histol. Dept., Univ. of Amsterdam, & Neuropath. Dept., Bunge Inst., Antwerp-Berchem.] ACTA NEUROL. BELG. (1959) Vol. 59, pp. 756-761.

Z - Vol. 155, #2, p. 124, April 1960

G. W. F. EDGAR:

"Neurochemical Aspects of Leucodystrophy." [Neuropath. Lab., Meer-en-Bosch Epilepsy Center, Heemstede, Netherlands.] PSYCHIAT. NEUROL. NEUROCHIR. (Amsterdam). (1961) Vol. 64, pp. 28-36.

Z - Vol. 166, #2, pp. 120-121, May 1962

Robert EDGAR & Thomas F. DUTCHER:

"Histopathology of the Bing-Neel Syndrome." [Surg. Neurol. Branch, Nat. Inst. of Neurol. Dis. & Blindn., & Path. Anat. Branch, Nat. Cancer Inst., Nat. Inst. Hlth., Bethesda, Md.]
NEUROLOGY. (1961) Vol. 11, pp. 239-245.

Z - Vol. 163, #1, p. 7, Oct. 1961

J.-E. EDSTRÖM:

"Quantitative Determination of Ribonucleic Acid in the Micromicrogram Range."

J. NEUROCHEM. (1958) Vol. 3, pp. 100-106.

J.-E. EDSTRÖM:

"Extraction, Hydrolysis, and Electrophoretic Analysis of Ribonucleic Acid from Microscopic Tissue Units (Microphoresis)."

J. BIOPHYS. BIOCHEM. CYTOL. (1960) Vol. 8, pp. 39-43.

J.-E. EDSTROM, D. EICHNER & A. EDSTROM:

"The Ribonucleic Acid of Axons and Myelin Sheaths from Mauthner Neurons."

BIOCHIM. BIOPHYS. ACTA. (1962) Vol. 61, pp. 178-184.

Ricardo EDSTRÖM: "An Explanation of the Blood-Brain-Barrier Phenomenon." [Neurol. Clin., Univ. of Gothenburg.]

ACTA PSYCHIAT. NEUROL. SCAND. (1958) Vol. 33, pp. 403-416.

[See also other articles by this author, 1955-1960, on the blood-brain barrier.]

Endre EGYHAZI & Holger HYDEN:

"Experimentally Induced Changes in the Base Composition of the Ribonucleic Acids of Isolated Nerve Cells and Their Oligodendroglial Cells." (Inst. of Neurobiology, U. of Göteborg, Sweden.)
J. BIOPHYS. BIOCHEM. CYTOL. (1961) Vol. 10, pp. 403-410.

D. EICHNER:

"On the Problem of the Transfer of Neurosecretion from the 3rd Ventricle in Mammals."

Z. MIKR. ANAT. FORSCH. (1963) Vol. 69, p. 388.

F. ERBSLÖH: (Munich)

"Neuropathology Within the Limits of Internal Medicine and Neurology." (Neuropathologie im Grenzgebiet der Inneren Medizin und Neurologie.)

[Report at Meeting of the Deutsche Gesellschaft für Neurologie, Cologne, Sept. 17-19, 1962. Main Theme: Trends and Principles in Neurology Today.]

ZENTRALBLATT FÜR DIE GESAMTE NEUROLOGIE UND PSYCHIATRIE.
(1963) Vol. 171, #3, pp. 233 (meeting notice) and 237-238.

Z - see reference above, pp. 237-238, Aug. 1963.

Lars ERNSTER & Lennart HERLIN:

"The Fate of Intracisternally Injected Tracer Phosphate in the Rabbit, Normally and as Influenced by Sulfhydryl Reagents. A Kinetic Approach to the Mechanism of the Blood-Brain Barrier." [Dept. of Neurosurg., Serafimerlasarettet, Wenner-Gren Inst. for Exp. Biol., Univ. of Stockholm.]

J. NEUROCHEM. (1961) Vol. 6, pp. 267-276.

Z - Vol. 164, #2, p. 116, Jan. 1962

Jose ESCOLA:

"The Diffusion Process in the Central Nervous System in Amaurotic Idiocy at Various Ages, with Details of the Late Form, in Relation to Disappearance of Pigment." (Über die Prozessausbreitung der amaurotischen Idiotie im Zentralnervensystem in verschiedenen Lebensaltern und Besonderheiten der Spätform gegenüber der Pigmentatrophie.) [Brain Path. Inst., German Res. Inst. Psychiat., Max-Planck-Inst., Munich.]
 ARCH. PSYCHIAT. NERVENKR. (1961) Vol. 202, pp. 95-112.

Z - Vol. 164, #3, p. 276, Feb. 1962

Clemente ESTABLE, Walter ACOSTA-FERREIRA &
 J. Roberto SOTELO:

"An Electron Microscope Study of the Regenerating Nerve Fibers." [Inst. Invest. Biol. Sci., Montevideo, Uruguay.]
 Z. ZELLFORSCH. (1957) Vol. 46, pp. 387-399.

F

W. FAHRMAN:

"Studies on the Nervous System of Unio Tumidus (Philippson) by Means of the Optic and Electron Microscope, with Special Reference to Neurosecretion."
 Z. ZELLFORSCH. (1962) Vol. 54, p. 689.

R. FANKHAUSER:

"Viral Encephalitides in Animals." (Tierische Virusencephalitiden.) [Div. Comp. Neurol., Ambulat. Vet. Clin., Berne.]
 DTSCH. Z. NERVENHEILK. (1961) Vol. 182, pp. 516-529.

Z - Vol. 165, #2, p. 204, March 1962

Richard FATEHCHAND:

"The Cells that Organise Vision." [Dept. of Neurobiol.,
Inst. Venezol. de Investigaciones Cientificas,
Caracas.]
NEW SCIENTIST. (1964) Vol. 24, No. 421, pp. 726-728.

G. FATTOVICH:

"A Certain Postmortal Change in the Nervous Substance."
(Su di una particolare alterazione postmortale della
sostanza nervosa.) [Prov. Psychiat. Hosp., Venice.]
FOLIA PSYCHIAT. (Lecce) (1963) Vol. 6, pp. 487-514.

Z - vol. 177, #1, pp. 7-8, Sept. 1964

Irwin FEIGIN & Humberto CRAVIOTO:

"A Histochemical Study of Myelin. A Difference in the
Solubility of the Glycolipid Components in the Cen-
tral and Peripheral Nervous Systems." [Dept. of
Path., New York Univ.-Bellevue Med. Center, New
York.]

J. NEUROPATH. EXP. NEUROL. (1961) Vol. 20, pp. 245-254.

Z - Vol. 167, #2, p. 111, Aug. 1962

Irwin FEIGIN & Nina POPOFF:

"Neuropathological Observations on Cerebral Edema. The
Acute Phase." [Dept. of Path., New York Univ. School
of Med., & Bellevue Hosp., New York.]

ARCH. NEUROL. (1962) Vol. 6, pp. 151-160.

Z - Vol. 169, #1, p. 8, Jan. 1963

M. V. FERNANDES & Charles M. POMERAT:
"Cytopathogenic Effects of Rabies Virus on Nervous
Tissue in Vitro." [Univ. of Texas Medical Branch,
Galveston.]
ZEIT. F. ZELLFORSCH. (1961) Vol. 53, pp. 431-437.

Humberto FERNÁNDEZ-MORAN:
"Cell Membrane Ultrastructure: Low-Temperature Electron
Microscopy and X-Ray Diffraction Studies of Lipo-
protein Components in Lamellar Systems." [Mixer
Lab. Electron Microscopy, Neurosurg. Serv., Massa-
chusetts General Hospital, Boston.]
RES. PUBL. ASS. NERV. MENT. DIS. (1962) Vol. 40, pp.
235-267.
(New York Meeting, Dec. 9-10, 1960.)

Z - Vol. 173, #3, pp. 222-223, Jan. 1964

Armando FERRARO:
"Neuropathologic, Clinical, Etio-Pathogenetic and Thera-
peutic Considerations in Multiple Sclerosis."
J. NERV. MENT. DIS. (1959) Vol. 128, pp. 279-292.

Z - Vol. 155, #2, pp. 190-191, Apr. 1960

Armando FERRARO:
"Research Project on Etiopathogenesis and Treatment of
Demyelinating Diseases."
WORLD NEUROL. (1961) Vol. 2, pp. 343-352.

Z - Vol. 164, #2, p. 179, Jan. 1962

E. J. FIELD & Henry MILLER:

"Experimental Allergic Encephalomyelitis: Comparison of Protective Effects of Prednisolone and Corticotrophin." [Royal Victoria Infirm. & Dept. of Path., King's Coll. Med. School, Newcastle-upon-Tyne.]
BRIT. MED. J. (1962) I, pp. 843-844.

Z - Vol. 168, #2, pp. 180-181, Nov. 1962

E. J. FIELD, H. MILLER & D. S. RUSSELL:

"Observations on Glial Inclusion Bodies in a Case of Acute Disseminated Sclerosis."
J. CLIN. PATHOL. (1962) Vol. 15, p. 278.

David I. M. FINE, Kevin D. BARRON & Asao HIRANO:

"Central Nervous System Lipidosis in Adult with Atrophy of the Cerebellar Granular Layer. A Case Report." [Henry and Lucy Moses Res. Lab., Montefiore Hosp., New York.]
J. NEUROPATH. EXP. NEUROL. (1960) Vol. 19, pp. 355-369.

Z - Vol. 164, #1, pp. 3-4, Dec. 1961

J. B. FINEAN:

"Electron Microscopy of the Myelin." [Univ. of Birmingham, England.]
PROC. ROYAL SOC. MED. (1961) Vol. 54, pp. 19-26.

J. B. FINEAN:

"The Molecular Structure of Myelin." [Depts. of Med.,
Biochem. & Pharmacol., Med. School, Univ. of
Birmingham, England.]

WORLD NEUROL. (1961) Vol. 2, pp. 466-478.

Z - Vol. 164, #3, p. 203, Feb. 1962

J. B. FINEAN & A. L. WOOLF:

"An Electron Microscope Study of Degenerative
Changes in Human Cutaneous Nerve." [Depts. of
Med., Biochem., and Pharmacol., Univ. of
Birmingham, and Midland Centre for Neurosurg.,
Smethwick, England.]

J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 105-115.

Z - Vol. 168, #3, p. 223, Dec. 1962

M. FISCHER-WILLIAMS:

"Cerebellar Corgicogram in Extracerebellar Astrocytoma."
[London Hosp., London.]

ELECTROENCEPH. CLIN. NEUROPHYSIOL. (1961) Vol. 13, pp.
627-630.

Z - Vol. 165, #2, p. 121, March 1962

M. FISCHER-WILLIAMS, S. L. LAST, G. LYBERI & D. W. C.
NORTHFIELD:

"Clinico-EEG Study of 128 Gliomas and 50 Intracranial
Metastatic Tumours." [The London Hospital.]

BRAIN. (1962) Vol. 85, pp. 1-46.

Z - Vol. 169, #3, p. 302-303, Mar. 1963

K. FLEISCHHAUER:

"Fluorescent-Microscopic Studies of Glial Fibers. Part I.
Observations on the Walls of the Cerebral Ventricles
of the Cat." (Fluoreszenzmikroskopische Untersuchungen
an der Faserglia. 1. Beobachtungen an den Wandungen
der Hirnventrikel der Katze.)

Z. ZELLFORSCH. (1960) Vol. 51, p. 467.

K. FLEISCHHAUER:

"Neuroglia." DTSCH. MED. WSCHR. (1960), Vol. 85,
pp. 2031-2035. [Note: A short version appeared
in GERMAN MED. MONTHLY (English language edition
of the D.M.W. (1960), Vol. 5, pp. 425-428. The
author's name is not given.]

J. B. FOSTER & D. B. HORN:

"Multiple Sclerosis and Spinal-Fluid Gamma Globulin."
[Dept. of Clin. Chem. & Neurol., Royal Victoria
Infirm., and Med. School, Newcastle-upon-Tyne.]
BRIT. MED. J. (1962) I, pp. 1527-1528.

Z - Vol. 169, #2, p. 188, Feb. 1963

L. C. M. FRANCA & A. G. FORAKER:

"Interferometric Study of Astrocytes in Gliosis and Astro-
cytoma."

ARCH. NEUROL. (1960) Vol. 3, p. 416.

Y. FRANCHINI & J. SCHEMPER:

"Neuroglial Heteropia of the Nasopharyngeal Cavity in a Three-Month-Old Girl."

ARCH. ARGENT. PEDIAT. (1961) Vol. 56, p. 69.

Helmar FRANK:

"Cybernetics, the Bridge Between the Sciences. Part III.

Pavlov's Conditioned Reflexes and Steinbuch's Learning Matrices." (Kybernetik, Brücke zwischen den Wissenschaften. III. Pawlows bedingte Reflexe und Steinbuchs Lernmatrizen.) [Inst. Communications Processing & Distribution, Tech. Coll., Karlsruhe.]

UMSCHAU. (1961) Vol. 61, pp. 533-537.

Z - Vol. 167, #2, p. 106, Aug. 1962

L. FRANKEN:

"Anatomical Study of a Case of Methyl Bromide Poisoning."

(Etude anatomique d'un cas d'intoxication par le bromure de méthyle.) [Serv. of Int. Med., Univ. of Saint-Pierre Hosp., Neuropath. Lab., Inst. Bunge, Antwerp-Berchem.]

ACTA NEUROL. BELG. (1959) Vol. 59, pp. 375-383.

Z - Vol. 156, #3, p. 229, July 1960

E. FRICK & L. SCHEID-SEYDEL:

"Studies on the Pathogenesis of Experimental Allergic Encephalomyelitis." (Untersuchungen zur Pathogenese der experimentellen allergischen Encephalomyelitis.) [Nerve Clinic, Univ. of Munich.]

DTSCH. Z. NERVENHEILK. (1962) Vol. 183, pp. 363-376.

Z - Vol. 169, #3, p. 297, Mar. 1963

Reinhard L. FRIEDE:

"Histochemical Distribution of Phosphorylase in the Brain of the Guinea Pig." [Univ. of Freiburg Neurosurg. Clin., Freiburg-im-Breisgau.]
J. NEUROLOGY, NEUROSURGERY & PSYCHIATRY. (1959) Vol. 22, pp. 325-329.

Reinhard L. FRIEDE:

"Histochemical Investigations on Succinic Dehydrogenase in the Central Nervous System. Part I. Distribution in the Developing Rat Brain." [Univ. of Freiburg Neurosurg. Clin., Freiburg-im-Breisgau.]
J. NEUROCHEM. (1959) Vol. 4, pp. 101-110.

Z - Vol. 156, #1, p. 10, May 1960

Reinhard L. FRIEDE:

"Transport of Oxidative Enzymes in Nerve Fibers. A Histochemical Investigation of the Regenerative Cycle in Neurons." [Aero Med. Labs., Wright Air Devel. Center, Dayton, Ohio.]
EXPERIMENTAL NEUROL. (1959) Vol. 1, pp. 441-466. Also in
PROC. AM. ASSOC. NEUROPATH., J. NEUROPATH. EXP. NEUROL. (1960) Vol. 19, p. 143.

Reinhard L. FRIEDE:

"A Comparative Study of Cytoarchitectonics and Chemoarchitectonics of the Cerebral Cortex of the Guinea Pig." [Lab. Neuropath., Neuropsychiat. Inst., Univ. of Michigan, Ann Arbor.]
ZEITSCHR. F. ZELLFORSCHUNG. (1960) Vol. 52, pp. 482-493.

Reinhard L. FRIEDE:

"Enzyme-Histochemical Studies in Multiple Sclerosis."
[Ment. Hlth. Res. Inst., Univ. of Michigan,
Ann Arbor.]

A.M.A. ARCH. NEUROL. (1961) Vol. 5, pp. 433-443. Also
in PROC. AM. ASSOC. NEUROPATH., J. NEUROPATH. EXP.
NEUROL. (1962) Vol. 21, p. 323.

Reinhard L. FRIEDE:

"A Histochemical Atlas of Tissue Oxidation in the Brain Stem
of the Cat." Hafner Publishing Co., Inc., New York,
1961.

Reinhard L. FRIEDE:

"A Histochemical Study of DPN-Diaphorase in Human White
Matter; with Some Notes on Myelination." [Ment.
Hlth. Res. Inst., Univ. of Michigan, Ann Arbor.]
J. NEUROCHEM. (1961) Vol. 8, pp. 17-30.

Reinhard L. FRIEDE:

"Oxidative Enzymes in the Central Nervous System (Advances
in the Histochemistry of Oxidative Enzymes in
the Brain)." (Enzymes d'oxydation du Système Ner-
veux Central.) [Ment. Hlth. Res. Inst., Univ. of
Michigan, Ann Arbor.]
WORLD NEUROL. (1961) Vol. 2, pp. 1094-1104.

Reinhard L. FRIEDE:

"Surface Structures of the Aqueduct and the Ventricular Walls: A Morphologic, Comparative and Histochemical Study." [Lab. of Neuropath., Univ. of Michigan Med. Center, Ann Arbor, & Aero Med. Lab., Wright Air Devel. Center, Dayton, Ohio.]

J. COMP. NEUROL. (1961) Vol. 116, pp. 229-247.

Z - Vol. 164, #3, p. 204, Feb. 1962

Reinhard L. FRIEDE:

"Correlations Between the EEG & Cortical Histochemical Changes in Experimental Brain Lesions." [Ment. Hlth. Res. Inst., Univ. of Michigan, Ann Arbor.]

EXP. NEUROL. (1962) Vol. 5, pp. 89-99.

Reinhard L. FRIEDE:

"The Cytochemistry of Normal and Reactive Astrocytes." [Ment. Health Res. Inst. & Lab. of Neuropath., Univ. of Michigan, Ann Arbor.]

J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 471-478.

Z - Vol. 170 #3, pp. 185-186, May 1963

Reinhard L. FRIEDE:

"A Quantitative Study of Myelination in Hydrocephalus (Factors Controlling Glial Proliferation in Myelination)." [Ment. Hlth. Res. Inst., Univ. of Michigan, Ann Arbor.]

J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 645-648.

Z - Vol. 172, #4, p. 278, Nov. 1963

Reinhard L. FRIEDE:

"The Relation of the Formation of Lipofuscin to the Distribution of Oxidative Enzymes in the Human Brain." [Ment. Hlth. Res. Inst. & Lab. of Neuropath., Univ. of Michigan, Ann Arbor.]

ACTA NEUROPATH. (Berlin). (1962) Vol. 2, pp. 113-125.

Z - Vol. 171, #2, pp. 105-106, July 1963.

Reinhard L. FRIEDE:

"Enzyme Histochemistry of Neuroglia." [Ment. Hlth. Res. Inst., Univ. of Mich., Ann Arbor.]

(10th Latin-American Congress of Neurosurgery (Symposium on Neuroglia), Buenos Aires, Oct., 1963.) (In Press.)

Reinhard L. FRIEDE:

"The Relationship of Body Size, Nerve Cell Size, Axon Length, and Glial Density in the Cerebellum."

[Ment. Hlth. Res. Inst., Univ. of Michigan, Ann Arbor.]

PROC. NAT. ACAD. SCI. (1963) Vol. 49, pp. 187-193.

Reinhard L. FRIEDE:

"Arrested Cellular Development: A Type of Cerebellar Degeneration in Amaurotic Idiocy." [Ment. Hlth. Res. Inst., Univ. of Michigan, Ann Arbor.]

J. NEUROL., NEUROSURG., PSYCHIAT. (1964) Vol. 27, pp. 41-45.

Reinhard L. FRIEDE:

"The Enzymatic Response of Astrocytes to Various Ions
in Vitro." [Ment. Hlth. Res. Inst., Univ. of
Michigan, Ann Arbor.]

J. CELL BIOL. (1964) Vol. 20, pp. 5-15.

Reinhard L. FRIEDE:

"Fatty Metaplasia of the Filum Terminale of the Frog."
[Ment. Hlth. Res. Inst., Univ. of Michigan, Ann
Arbor.]

NATURE. (1964) Vol. 203, p. 90.

Reinhard L. FRIEDE:

"Mappings of Oxidative Enzymes in the Brain," chapter in
Neuropathology, ed. by Minckler & Neubuerger.
(In press.)

Reinhard L. FRIEDE & R. N. DeJONG:

"Neuronal Enzymatic Failure in Creutzfeldt-Jakob Dis-
ease." [Ment. Hlth. Res. Inst., Univ. of Mich.,
Ann Arbor.]

A.M.A. ARCH. NEUROL. (in press). Also in TRANS. AM.
NEUROL. ASSOC. (in press).

Reinhard L. FRIEDE & LaDonna M. FLEMING:

"A Mapping of Oxidative Enzymes in the Human Brain." (Ment.
Hlth. Res. Inst., Univ. of Michigan, Ann Arbor.)

J. NEUROCHEM. (1962) Vol. 9, p. 179.

Reinhard L. FRIEDE & LaDona M. FLEMING:

"A Mapping of the Distribution of Lactic Dehydrogenase
in the Brain of the Rhesus Monkey." [Ment. Hlth.
Res. Inst., Univ. of Michigan, Ann Arbor.]
AM. J. ANAT. (1963) Vol. 113, pp. 215-234.

Reinhard L. FRIEDE & LaDona M. FLEMING:

"A Comparison of Cholinesterase Distribution in the Cere-
bellum of Several Species." [Ment. Hlth. Res. Inst.,
Univ. of Michigan, Ann Arbor.]
J. NEUROCHEM. (in press).

Reinhard L. FRIEDE, LaDona M. FLEMING & Mechthilde
KNOLLER:

"A Comparative Mapping of Enzymes Involved in Hexosemono-
phosphate Shunt and Citric Acid Cycle in the Brain."
[Ment. Hlth. Res. Inst., Univ. of Michigan, Ann
Arbor.]
J. NEUROCHEM. (1963) Vol. 10, pp. 263-277.

Reinhard L. FRIEDE & Mechthilde KNOLLER:

"Quantitative Enzyme Profiles of Plaques of Multiple
Sclerosis." [Ment. Hlth. Res. Inst. & Dept. of
Path., Univ. of Michigan, Ann Arbor.]
EXPERIENTIA (Basel). (1964) Vol. 20, pp. 130-134.

Reinhard L. FRIEDE & Mechthilde KNOLLER:
"Proximo-Distal Increase of Enzymic Activity in the
Dorsal Spinal Tracts." [Ment. Hlth. Res. Inst. &
Dept. Path., Univ. of Michigan, Ann Arbor.]
J. NEUROCHEMISTRY. (1964) Vol. 11, pp. 679-686.

Reinhard L. FRIEDE & Kenneth R. MAGEE:
"Alzheimer's Disease. Presentation of a Case with Patho-
logic and Enzymatic-Histochemical Observations."
[Ment. Hlth. Res. Inst. & Dept. of Neurol., Univ. of
Michigan Med. Center, Ann Arbor.]
NEUROLOGY. (1962) Vol. 12, pp. 213-222.

Z - Vol. 172, #3, p. 182, Oct. 1963

Reinhard L. FRIEDE & R. H. PAX:
"Mitochondria and Mitochondrial Enzymes: a Comparative
Study of Localization in the Cat's Brain Stem."
[Ment. Hlt. Res. Inst., Univ. of Michigan, Ann Arbor.]
HISTOCHEMIE. (1961) Vol. 2, pp. 186-191.

Reinhard L. FRIEDE & Wiescher VAN HOUTEN:
"Relations Between Postmortem Alterations and Glycolytic
Metabolism in the Brain." [Ment. Hlth. Res. Inst.,
Univ. of Michigan, Ann Arbor.]
EXP. NEUROL. (1961) Vol. 4, pp 197-204.

Reinhard L. FRIEDE & Wiescher VAN HOUTEN:
"Neuronal Extension and Glial Supply (Functional Significance of Glia)." [Ment. Hlth. Res. Inst., Univ. of Michigan, Ann Arbor.]
PROC. NAT. ACAD. SCI. (1962) Vol. 48, pp. 817-821.

Minoru FUJII:

"Histopathology of the Central Nervous System Lesions Caused by Carbon Monoxide Poisoning. A Report of Ten Cases with an Acute and Protracted Clinical Course." [Div. of Neuropath., Inst. of Brain Res., Univ. of Tokyo Med. School.]
PSYCHIAT. NEUROL. JAP. (1960) Vol. 62, pp. 1-34, & Abstr. 1-2. [Japanese]

Z - Vol. 158, #2, p. 126, Nov. 1960

Hisao FUJITA & Setsuya FUJITA:

"Electron Microscopic Studies on Neuroblast Differentiation in the Central Nervous System of Domestic Fowl." [Depts. of Anat. & Path., Kyoto Prefect. Med. Coll., Kyoto.]

Z. ZELLFORSCH. (1963) Vol. 60, pp. 463-478.

Z - Vol. 177, #1, p. 7, Sept. 1964

Setsuya FUJITA:

"Matrix Cell and Cytogenesis in the Developing Central Nervous System." [Dept. of Path., Kyoto Fritsu Med. Coll., Kyoto.]

J. COMP. NEUROL. (1963) Vol. 120, pp. 37-42.

Z - Vol. 173, #2, p. 115, Dec. 1963

G

J. GAILLARD, H. LAFON & M. TROUILLER:

"Oligodendroglioma of the Cavum. Posterior Parapharyngeal Tumour."

J. FRANÇ. OTO-RHINO-LARYNG. (1961) Vol. 10, p. 647.

Robert GALAMBOS:

"A Glia-Neural Theory of Brain Function." [Dept. Neurophysiology, Walter Reed Army Institute of Research, Walter Reed Army Medical Center, Washington, D.C.]

PROC. NAT. ACAD. SCI. (1961) Vol. 47, pp. 129-136.

Robert GALAMBOS:

"Glia, Neurons, and Information Storage," pp. 52-54 in Macromolecular Specificity and Biological Memory, edited by Francis O. Schmitt. The M.I.T. Press, Cambridge, 1962.

Robert GALAMBOS:

*Cortical Unit Analysis and Memory. A Discussion Paper in the Form of a Report of a Recent Symposium at the California Institute of Technology." [Yale University, New Haven.] (Symposium Dec. 11-13, 1963.)

NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964) Vol. 2, #1, Jan.-Feb, 7 pp.

Robert GALAMBOS: (New Haven)

Paper given at the United States-Japan Symposium on
Neurophysiology, Tokyo, March 5-10, 1964.

[Review of evidence on physiological role of glial cells;
their participation in myelination and demyelination;
their chemical changes with respect to RNA during
learning in the rat.]

See Theodore H. BULLOCK:

"United States-Japan Neurophysiology Symposium."
NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964)
Vol. 2, #3, p. 155.

Robert GALAMBOS:

"Glial Cells: A Summary of an NRP Work Session held
June 2-3, 1964."

NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964) Vol. 2,
#6, Nov.-Dec. pp. 1-63.

Robert GALAMBOS & Clifford T. MORGAN:

"The Neural Basis of Learning." Chapter 61 in HANDBOOK
OF PHYSIOLOGY - NEUROPHYSIOLOGY III, pp. 1471-1499.
Amer. Physiol. Soc. (1960).

[Dept. Neurophysiol., Walter Reed Army Institute of Re-
search, Walter Reed Army Medical Center, Washington,
D.C.; Dept. Psychol., Johns Hopkins Univ., Baltimore.]

Robert GALAMBOS:

"Research in Demyelinating Diseases. A Discussion Paper in the Form of a Report of a Recent Conference Co-sponsored by The New York Academy of Sciences and the National Multiple Sclerosis Society." [Yale Univ., New Haven.] (Conference in mid-January, 1964.)
NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964) Vol. 2, #2, March-April, 8 pp.

F. GALLYAS:

"The Histochemical Identification of Phosphoglycerides in Myelin." [Dept. of Neurol. & Psychiat., Univ. of Pécs Med. School, Pécs, Hungary.]
J. NEUROCHEM. (1963) Vol. 10, pp. 125-126.

Z - Vol. 173, #1, p. 11, Nov. 1963

A. A. GALOIAN:

"On the Role of Acetylcholine in the Formation and Excretion of Neurosecretion by Cells of the Supra-optic and Paraventricular Nerves of the Hypothalamus."
PROBL. ENDOKR. GORMONOTER. (1963) Vol. 9, p. 30.

Hedi GANSLER:

"Phase-Contrast and Electron-Microscope Studies on the Innervation of the Smooth Musculature." (Phasenkontrast- und elektronenmikroskopische Untersuchungen zur Innervation der glatten Muskulatur.) [Electron Micros. Div., Med. Fac., Univ. of Saarland, Hamburg.]
ACTA NEUROVEG. (Vienna). (1961) Vol. 22, pp. 192-211.

Z - Vol. 164, #2, p. 107, Jan. 1962

Hedi GANSLER:

"Ultrastructure of Nerve Cells and Capillaries in the Hypothalamus." (Zur Ultrastruktur von Nervenzellen und Capillaren im Hypothalamus.) [Electron Micr. Div., Med. Faculty, Univ. of Saarland, Hamburg.]

KLIN. WSCHR. (1961) Vol. 39, p. 1196.

Z - Vol. 168, #2, p. 107, Nov. 1962

Sol. L GARFIELD & Michael J. CARVER:

"Phenylketonuria: A Further Study." [Nebraska Psychiat. Inst., Univ. of Nebraska Coll. of Med., Omaha.]

J. NERV. MENT. DIS. (1960) Vol. 130, pp. 120-124.

Z - Vol. 158, #1, p. 99, Oct. 1960

J. C. GAUTIER & W. BLACKWOOD:

"Enlargement of the Inferior Olivary Nucleus in Association with Lesions of the Central Tegmental Tract or Dentate Nucleus." [Inst. of Neurol., & Nat. Hosp., London.]

BRAIN. (1961) Vol. 84, pp. 341-361.

Z - Vol. 170, #1, pp. 18, April 1963

Andrew J. GAY & Donald H. SILBERBERG:

"Histochemical Correlates of Transsynaptic Degeneration. Studies in the Monkey Lateral Geniculate Nucleus." [Depts. of Ophth. & Neurol., Washington Univ. Hosp., St. Louis.]

ARCH. NEUROL. (1964) Vol. 10, pp. 85-90.

Z - Vol. 177, #2, p. 103, Sept. 1964

R. S. GEIGER:

"Effects of LSD-25, Serotonin and Sera from Schizophrenic Patients on Adult Mammalian Brain Cultures." [Dept. Psychiat., Univ. of Illinois Coll. of Med., Chicago.]
J. NEUROPSYCHIAT. (1960) Vol. 1, pp. 185-199.

Z - vol. 162, #2, p. 186, Aug. 1961

R. S. GEIGER:

"The Behavior of Adult Mammalian Brain Cells in Culture." (Dept. Psychiat., Univ. of Illinois Coll. of Med., Chicago.)
INT. REV. NEUROBIOL. (1963) Vol. 5, pp. 1-52.

F. GEORGI:

"Problems of Multiple Sclerosis." (Probleme der multiplen Sklerose.) [Neurol. Clinic, Univ. of Basel.]
SCHWEIZ. MED. WSCHR. (1960) Vol. 90, pp. 1434-1439.

Z - Vol. 161, #1, P. 116, May 1961

M. A. GEREBTZOFF:

"Histochemical Contribution to the Theory of Saltatory Conduction in Peripheral and Central Myelinated Fibers." (Contribution histochimique à la théorie de la conduction saltatoire dans les fibres myélinisées périphériques et centrales.) [Lab. Anat., Univ. of Liège.]
ACTA NEUROL. BELG. (1963) Vol. 63, pp. 7-21.

Z - Vol. 174, #1, p. 15, Jan. 1964

L. GERHARD & H. HOLLÄNDER:

"Method for the Combined Demonstration of Myelin Sheaths and Axis Cylinders." (Eine Methode zur kombinierten Darstellung von Markscheiden und Neuriten.) [Path. Inst., Med. Acad., Dusseldorf.]
DTSCH. Z. NERVENHEILK. (1960) Vol. 180, pp. 684-687.

Z - Vol. 161, #3, p. 248, July 1961

H. M. GERSCHENFELD, Flora WALD, J. A. ZADUNAISKY & E. D. P. de ROBERTIS:

"Function of Astroglia in the Water-Ion Metabolism of the Central Nervous System. Electron Microscope Study." [Inst. Gen. Anat. & Embryol.; & Inst. Physiol., Fac. Med. Sci., Buenos Aires.]
NEUROLOGY. (1959) Vol. 9, pp. 412-425.

(11th Annual Meeting, Amer. Acad. Neurol., Sects. of Neurochem. & Neuropharmacol., Los Angeles, April 16, 1959.)

Z - Vol. 158, #3, pp. 275-276, Nov. 1960

B. GERSTL, M. J. KAHNKE, J. K. SMITH, M. G. TAVASTSTJERNA & R. B. HAYMAN:

"Brain Lipids in Multiple Sclerosis and Other Diseases." [Dept. Path., School of Med., Univ. of California, San Francisco, & VA Hosp., Oakland, Calif.]
BRAIN. (1961) Vol. 84, pp. 310-319.

Z - Vol. 167, #3, p. 232, Sept. 1962

Ezio GIACOBINI:

"Localization of Carbonic Anhydrase in the Nervous System." (Dept. of Pharmacol. & Therapy, Univ. of Florida, Gainesville.)

SCIENCE. (1961) Vol. 134, pp. 1524-1525.

Ezio GIACOBINI:

"A Cytochemical Study of the Localization of Carbonic Anhydrase in the Nervous System." [Dept. of Pharmacol. & Therapy, Univ. of Florida, Gainesville.]

J. NEUROCHEM. (1962) Vol. 9, pp. 169-177.

Z - Vol. 174, #2, pp. 120-121, Feb. 1964.

P. F. GIRARD, M. TOMMASI & M. TRILLET:

"Anatomical Lesions of Post-Traumatic Encephalopathy, Prolonged Comas and 'Brain Failures.'" (Les lésions anatomiques de l'encéphalopathie post-traumatique. Comas prolongés et "morts du cerveau.")

ACTA NEUROPATH. (Berlin). (1963) Vol. 2, pp. 313-327.

Z - Vol. 174, #3, pp. 246-247, March 1964

Paul GLEES:

"The Biology of the Neuroglia: A Summary," pp. 234-242 in Biology of Neuroglia, edited by Wm. F. Windle. Charles C Thomas, Springfield, 1958.

Paul GLEES:

"Experimental Degeneration of the Myelin Sheath by Means of Tri-Ortho-Cresylphosphate, and Its Prevention by the Use of Cortisone Acetate." (Experimentelle Markscheidendegeneration durch Tri-ortho-kresylphosphat und ihre Verhütung durch Cortisonacetat.) [Lab. of Physiol., Oxford Univ.]
DTSCH. MED. WSCHR. (1961) Vol. 86, pp. 1175-1178 & Illus. pp. 1183-1184.

Z - Vol. 164, #3, p. 207, Feb. 1962

Paul GLEES:

"Recent Findings in the Field of Neurohistology: Nissl Substance, Cortical Synapses, Neuroglia and Intercellular Space." [Inst. Histol. & Exp. Neuroanat., Univ. of Göttingen.] (Neuere Ergebnisse auf dem Gebiet der Neurohistologie: Nissl-Substanz, corticale Synapsen, Neuroglia und intercellulärer Raum.)
DTSCH. Z. NERVENHEILK. (1963) Vol. 184, pp. 607-631.

Z - vol. 174, #3, p. 243, Mar. 1964

Paul GLEES & Jochen ESCHNER:

"Has the Human Brain a Limit in its Capacity?" (Hat das menschliche Gehirn eine Leistungsgrenze?) [Inst. Histol. & Exp. Neuroanat., Univ. of Göttingen.]
UMSCHAU. (1962) pp. 497-500.

Z - Vol. 170, #2, p. 82, May 1963

P. GLEES & W. G. WHITE:

"The Absorption of Tri-Ortho-Cresyl Phosphate Through the Skin of Hens and Its Neurotoxic Effects." [Lab. of Physiol., Oxford University.]

J. NEUROL. NEUROSURG. PSYCHIAT. (1961) Vol. 24, pp. 271-274.

Z - vol. 167, #3, p. 304, Sept. 1962

Doctor GLIMSTEDT & Gunnar WOHLFART: (Lund)

"Electron Microscopic Studies on Regeneration in Peripheral-Nerve Injuries and in Experimental Poliomyelitis." (Elektronenmikroskopische Untersuchungen über Regeneration bei peripheren Nervenschädigungen und bei experimenteller Poliomyelitis.)

[Report at Joint Meeting of the Deutsche Gesellschaft für Neurologie, the Schweizerische Neurologische Gesellschaft, and the Vereinigung Deutscher Neuropathologen und Neuroanatomien, at the Canton Hospital, Zurich, Sept. 15-17, 1960. Main Theme: Inflammatory Diseases of the Nervous System.]

ZENTRALBLATT FÜR DIE GESAMTE NEUROLOGIE UND PSYCHIATRIE. (1961) Vol. 161, #2, p. 177.

Z - see journal reference above, p. 177, June 1961.

P. GLOOR:

"Neurophysiology as the Basis of Clinical Neurology." (Die Neurophysiologie als Grundlage der klinischen Neurologie.) [EEG-Lab. of Montreal Neurol. Inst. & Depts. of Neurol. & Neurosurg., McGill Univ., Montreal.]

SCHWEIZ. MED. WSCHR. (1963) Vol. 93, pp. 1293-1300.

Z - Vol. 177, #1, p. 1, Sept. 1964

N. N. GOLYSCH & N. G. SYTCHEVA:

"The problem of the Amino-Acid Compound of the Cerebro-spinal Fluid in Diseases of the Central Nervous System." (Le problème du composé d'acide aminé du liquide céphalo-rachidien dans les affections du système nerveux central.)

Ž. NEVROPAT. PSICHIAT. (1960) Vol. 60, pp. 1153-1154, with French Summary. [Russian]

Z - Vol. 163, #1, pp. 35-36, Oct. 1961

G. GOMBOS, A. GEIGER & S. OTSUKI:

"The Metabolism Pattern of the Brain in Brain Perfusion Experiments in Vivo. Part II. Pyruvate and Lactate Formation from Cl²-Labelled Aspartate." [Res. Lab., Dept. Psychiat., Univ. of Illinois Coll. of Med., Chicago.]

J. NEUROCHEM. (1963) Vol. 10, pp. 405-413.

Z - vol. 174, #2, pp. 130-131, Feb. 1964

G. GOMIRATO & H. HYDÉN:

"A Biochemical Glia Error in the Parkinson Disease."
[Inst. of Neurol & Ment. Dis., Univ. of Pisa,
& Inst. of Neurobiol., Univ. of Göteborg.]
BRAIN. (1963) Vol. 86, pp. 773-780.

Z - Vol. 176, #3, p. 228, Aug. 1964

Nicholas K. GONATOS, Robert D. TERRY, Robyn WINKLER,
Saul R. KOREY, Carlos J. GOMEZ & Arlene STEIN:
"A Case of Juvenile Lipidosis: The significance of
Electron Microscopic and Biochemical Observations
of a Cerebral Biopsy." [Depts. Path. & Neurol.,
Albert Einstein Coll. of Med., Neurol. Serv. of
Bronx Municip. Hosp. Ctr., New York.]
J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, pp. 557-580.
Z - Vol. 175, #1, pp. 30-31, April, 1964

Daniel GONZALEZ & Arthur R. ELVIDGE:
"On the Occurrence of Epilepsy Caused by Astrocytoma of
the Cerebral Hemispheres." [Depts. of Neurol. &
Neurosurg., McGill Univ.; Neurol. Inst., Montreal.]
J. NEUROSURG. (1962) Vol. 19, pp. 470-482.
Z - Vol. 170 #2, p. 157, May 1963

F. GONZALEZ AGUILAR & Eduardo de ROBERTIS:
"A Formalin-Perfusion Fixation Method for Histophysio-
logical Study of the Central Nervous System with
the Electron Microscope." [Inst. Gen. Anat. &
Embryol., Fac. Med. Sci., Buenos Aires.]
NEUROLOGY. (1963) Vol. 13, pp. 758-771.
Z - Vol. 177, #1, pp. 11-12, Sept. 1964

Robert A. GOOD:
"Experimental Allergic Encephalomyelitis: A Model for
Study of Pathology, Pathogenesis, Prevention and
Treatment of Autoimmune Diseases," pp. 146-169 in
Mechanisms of Demyelination, edited by Augustus S.
Rose & Carl M. Pearson. McGraw-Hill, New York,
1963.

Robert A. GOOD:

"Immunologic Competence: Its Cellular Basis, Clinical and Experimental Deficiencies, Ontogeny and Phylogeny," pp. 119-145 in Mechanisms of Demyelination, edited by Augustus S. Rose & Carl M. Pearson. McGraw-Hill, New York, 1963.

K. GOPAL, E. GROSSI, P. PAOLETTI & M. USARDI:

"Lipid Composition of Human Intracranial Tumors: A Biochemical Study." [Inst. Pharmacol. & Neurosurg. Clin., Univ. of Milan.]

ACTA NEUROCHIR. (Vienna). (1963) Vol. 11, pp. 333-347.

Z - Vol. 177, #1, p. 20, Sept. 1964

J. T. GRACE, JR., D. M. PERESE, R. S. METZGER, T. SASABE & B. HOLDRIDGE:

"Tumor Autograft Responses in Patients with Glioblastoma Multiforme."

J. NEUROSURG. (1961) Vol. 18, pp. 159-167.
(Meeting of Harvey Cushing Soc., San Francisco, Apr. 14, 1960.)

Z - Vol. 164, #3, pp. 205-206, Feb. 1962

N. D. GRACHEVA:

"Autoradiographic Study with H³ Thymidine of DNA Synthesis in Rat Nerve Cells After Whole Body Irradiation with X-Rays."

RADIOBIOLOGIJA (USSR). (1963) Vol. 3, p. 81.

G. GRAMPA & S. CANESCHI:

"Vascular Proliferation and Endothelial Hyperplasia in Brain Tumors." (Proliferazione vascolare ed iperplasia endoteliale nei tumori encefalici.) [Inst. Histol. & Path. Anat., Neurosurg. Clin., Univ. of Milan.]

RIV. NEUROBIOL. (1963) Vol. 9, pp. 787-814.
(15th Annual Meeting, Soc. Ital. Neurosurg., Verona, Nov. 17, 1963.)

Z - Vol. 177, #1, pp. 9-10, Sept. 1964

Victor GRANN & George B. Jerzy GLASS:

"Blood Serum Levels and Intestinal Absorption of Vitamin B₁₂ in Multiple Sclerosis." [Dept. of Med., Gastroenterol. Res. Lab., New York Med Coll., Metropolitan Med. Center, & Bird S. Coler Mem. Hosp. & Home, New York.]

J. LAB. CLIN MED. (1961) Vol. 57, pp. 562-567.

Z - vol. 163, #2, pp. 150-151, Nov. 1961

P. GRAUX, G.-C. GUAZZI & Cl. GESQUIÈRE:

"The Spinal Cord in the Aged." (La moelle épinière du viellard.) [Gen. Hosp., Lille, Lab. Neuro-path of Inst. Bunge, Antwerp-Berchem.]

REV. NEUROL. (1962) Vol. 107, pp. 337-352.

Z - Vol. 173, #1, p. 78, Nov. 1963

E. G. GRAY:

"Electron Microscopy of Neurological Fibrils of the Cerebral Cortex." [Dept. of Anat., Univ. Coll., London.]

J. BIOPHYS. BIOCHEM. CYTOL. (1959) Vol. 6, pp. 121-122.

Z - Vol. 158, #2, pp. 124-125, Nov. 1960

E. G. GRAY:

"Regular Organization of Material in Certain Mitochondria of Neuroglia of Lizard Brain."

J. BIOPHYS. BIOCHEM. CYTOL. (1960) Vol. 8, p. 282.

John D. GREEN & David S. MAXWELL:

"Hippocampal Electrical Activity. Part I. Morphological Aspects." [Dept. of Anat., School of Med., Univ. of California, and VA Hosp., Los Angeles.]

ELECTROENCEPH. CLIN. NEUROPHYSIOL. (1961) Vol. 13, pp. 837-846.

Z - Vol. 167, #2, p. 112, Aug. 1962

P. GREENGARD & R.W. STRAUB:

"After-Potentials in Mammalian Non-Myelinated Nerve Fibres." [Nat. Inst. f. Med. Res., London.]

J. PHYSIOL. (1958) Vol. 144, pp. 442-462.

Z - Vol. 156, #1, p. 11, May 1960

M. A. GRILLO & Sanford L. PALAY:

"Ciliated Schwann Cells in the Autonomic Nervous System of the Adult Rat." [Dept. of Anat., Western Reserve School of Med., Cleveland; Dept. of Anat., Harvard Medical School, Boston.]

J. CELL BIOL., (1963) Vol. 16, pp. 430-436.

Harry GRUNDFEST & Michael V. L. BENNETT:

"Studies on the Morphology and Electrophysiology of Electric Organs," pp. 57-101 in Bioelectrogenesis edited by C. Chagas & A. P. De Carvalho. Elsevier, Amsterdam, 1961.

Jean-Emmanuel GRUNER:

"Elementary Lesions of Recklinghausen's Neurofibromatosis. Study with the Electron Microscope." (Les lésions élémentaires de la neurofibromatose de Recklinghausen. Etude au microscope électronique.)

REV. NEUROL. (1960) Vol. 102, pp. 525-529.

(Meeting of Soc. Franç. de Neurol., May 5, 1960.)

Z - Vol. 161, #3, pp. 246-247, July 1961

Jean-Emmanuel GRUNER:

"Histological Study of the Development of the Nervous System." (Etude histologique de la maturation du système nerveux.)

REV. INT. SERV. SANTÉ ARMÉES DE TERRE, DE MER, ET DE L'AIR. (1960) Special Number, pp. 15-29.

(1st Congr. Europ. Child Psychiat.)

Z - Vol. 168, #3, p. 211, Dec. 1962

Jean-Emmanuel GRUNER & Jean LAVILLAUREIX:

"Several Experimental Viral Encephalitides and Their
Histopathological Fine Structure." (Sur quelques
encéphalites virales expérimentales et leur
histopathologie fine.)

REV. NEUROL. (1963) Vol. 108, pp. 385-413.

Z - Vol. 176, #1, pp. 74-75, June 1964

Giancarlo GUAZZI & Jean HENNEAUX:

"Histological Structure of the Process of Human Multiple
Sclerosis. Revaluation of an Important Series of
Cases from the Records." (Sulla struttura istolo-
gica del processo della sclerosi a placche umana.
Rivalutata su di una serie importante di casi d'ar-
chivio.) [Lab. Neuropath., Bunge Inst., Antwerp.]

RIV. NEUROBIOL. (1959) Vol. 5, pp. 885-947.

Z - Vol. 159, #1, p. 26, Jan. 1961

Giancarlo GUAZZI & G. MACCHI:

"Toward a Pathological Methodology of the Demyelinating
Diseases." (Pour une méthodologie pathologique des
maladies démyélinisantes.) [Lab. Neuropath., Bunge
Inst., Antwerp-Berchem; Clin. Nerv. & Ment. Dis.,
Univ. of Parma.]

ACTA NEUROL. BELG. (1962) Vol. 62, pp. 7-39.

Z - Vol. 168, #3, p. 221, Dec. 1962

Giancarlo GUAZZI & L. VAN BOGAERT:

"Multiple Sclerosis and Fat Embolisms." (Sclérose en plaques et embolies graisseuses.) [Bunge Inst., Antwerp-Berchem; Clin. Nerv. & Ment. Dis., Univ. of Parma.]

ACTA NEUROL. BELG. (1960) Vol. 60, pp. 333-354.

Z - Vol. 160, #2, pp. 174-175, April 1961

P. GUIRAUD:

"Infectious Etiology - in Particular Viral Etiology - of Multiple Sclerosis. Role of the Macroglia." (Étiologie infectieuse et spécialement virale de la sclérose en plaques. (Role de la macroglie.))

ENCÉPHALE (Paris). (1962) Vol. 51, pp. 205-231.

Z - Vol. 173, #1, p. 73, Nov. 1963.

Filippo GULLOTTA:

"Anatomical and Histopathological Picture of Subacute Sclerosing Leucoencephalitis." (Sul quadro anatomo-patologico della leucoencefalite sclerosante subacuta.) [German Res. Inst. Psychiat., Munich; Clin. Dis. Nerv. Syst., Univ. of Palermo.]

ACTA NEUROL. (Naples). (1963) Vol. 18, pp. 557-575.

Z - Vol. 175, #1, p. 7, Apr. 1964

Filippo GULLOTTA & George KREUTZBERG:

"Glioma of the Optic Nerve. Morphological and Histochemical Research on Preparation of Sections and Tissue Culture." (Das Gliom des Opticus. Morphologische und histochemische Untersuchungen am Schnittpräparat und der Gewebekultur.) [German Res. Inst. Psychiat., Max-Planck-Inst., Munich.]
ACTA NEUROPATH. (Berlin). (1963) Vol. 2, pp. 413-424.

Z - Vol. 175, #3, p. 309, May 1964

H

H. HAGER:

"Electron Microscopical Findings on the Cytopathology of the Degeneration and Removal in Experimentally Induced Traumatic Necrosis of the Brain."
NATURWISSENSCHAFTEN. (1960) Vol. 47, p. 427.

H. HAGER, W. HIRSCHBERGER & W. SCHOLZ:

"Electron-Optical Findings on the Normal Ultrastructure of the Central Nervous Tissue, and Its Alteration Under Experimental Pathological Conditions." (Elektronenoptische Befunde zur normalen Ultrastruktur des zentralnervösen Gewebes und zu ihrer Veränderung unter experimentell-pathologischen Bedingungen.) [Hirnpath. Inst., Dtsch. Forschungsanst. f. Psychiat., Max-Planck-Inst., Munich.]
NERVENARZT (1959) Vol. 30, pp. 298-305.

Z - vol. 154, #2, p. 111, Feb. 1960

J. HALLERVORDEN:

"Myelin Sheath Development and the Rosenthal Fibers."
(Die Markscheidenentwicklung und die Rosenthalschen Fasern.) [Max-Planck-Inst. Brain Res., Frankfurt-on-Main.]

DTSCH. Z. NERVENHEILK. (1961) Vol. 181, pp. 547-580.

Z - Vol. 174, #1, pp. 4-5, Jan. 1964

K. HAMA: (Hiroshima)

Paper given at the United States-Japan Symposium on
NEUROPHYSIOLOGY, Tokyo, March 5-10, 1964.

[Electron microscopic suggestions of electrical connections between adjacent dendrites, and between glial processes, from close apposition and fusion of membranes.]

See Theodore H. BULLOCK:

"United States-Japan Neurophysiology Symposium."
NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964)
Vol. 2, #3, pp. 153-154.

Anders HAMBERGER:

"Oxidation of Tricarboxylic-Acid-Cycle Intermediates by
Nerve Cell Bodies and Glial Cells."

J. NEUROCHEM. (1961) Vol. 8, pp. 31-35.

Anders HAMBERGER & Holger HYDÉN:

"Inverse Enzymatic Changes in Neurons and Glia During
Increased Function and Hypoxia." (Inst. of
Neurobiology, U. of Göteborg, Sweden.)

J. CELL BIOL. (1963) Vol. 16, pp. 521-25.

Erik HANSEN, Steen OLSEN & C. Munk PLUM:

"Hereditary Progressive Cerebral Leucodystrophy." [Paedi-
at Dept., Univ. Hosp.; Neuropath. Lab., Kommunehosp.,
Copenhagen; Biochem. Res. Lab., Kolonien Filadelfia,
Dianalund.]

ACTA NEUROL. SCAND. (1961) Vol. 37, pp. 208-230.

Z - Vol. 173, #1, pp. 8-9, Nov. 1963

J. HARIGA:

"Glial Malformation in a Case of Crouzon's Disease."
(Malformation gliale dans un cas de maladie de
Crouzon.)

REV. NEUROL. (1963) Vol. 108, pp. 435-436.

(Meetings of Soc. Franç. Neurol., Paris, March 28 &
May 2, 1963.)

Z - Vol. 176, #1, p. 3, June 1964

J. M. HARRISON & W. B. WARR:

"A Study of the Cochlear Nuclei and Ascending Auditory
Pathways of the Medulla." [Psychol. Lab., Boston
Univ.]

J. COMP. NEUROL. (1962) Vol. 119 pp. 341-379.

Z - Vol. 175, #1, p. 3, April 1964

J. Francis HARTMANN:

"Two Views Concerning Criteria for Identification of Neu-
roglia Cell Types by Electron Microscopy," pp. 50-57
& Discussion pp. 57-65 in Biology of Neuroglia, ed-
ited by Wm. F. Windle. Charles C Thomas, Springfield,
1958.

V. HAŠKOVEC:

"The Structure and Morphogenesis of Glia Tissue According to the Plasmatology Theory."
CESKOSLOVENSKA MORFOL. (1958) Vol. 6, p. 274. [With English Summary]

A. HAWKINS & J. OLSZEWSKI:

"Glia/Nerve Cell Index for Cortex of the Whale."
SCIENCE. (1957) Vol. 126, pp. 16-77.

W. R. HAYHOW:

"Experimental Degeneration of Optic Axons in the Lateral Geniculate Body of the Cat." [Dept. of Physiol., Univ. of Sydney, New South Wales.]
ACTA ANAT. (Basel). (1959) Vol. 37, pp. 281-298.

Z - Vol. 155, #1, p. 122, Apr. 1960

I. H. HELLER & S. HESSE:

"Substrate Utilization by Stimulated Nerve, with Particular Reference to the Schwann Cell." [Donner Lab. of Exp. Neurochem., Montreal Neurol. Inst., & Depts. of Neurol. & Neurosurg., McGill Univ., Montreal.]
EXP. NEUROL. (1961) Vol. 4, pp. 83-90.

Z - Vol. 168, #3, p. 238, Dec. 1962.

R. HEMMER:

"Free Amino Acids, Peptides and Amines in Brain Tumors."
(Freie Aminosäuren, Peptide und Amine bei Hirntumoren.) [Univ. of Freiburg Neurosurg. Clin., Freiburg-im-Breisgau.]

ACTA NEUROCHIR. (Vienna). (1959) Vol. 6, Supp., pp. 205-210.

(10th Annual Meeting, Dtsch. Ges. f. Neurochir., & Vereinig. Schweiz. Neurochir., Zurich, July 24-26, 1958.)

Z - vol. 157, #1, p. 13, July 1960

K.-J. HEMPEL: (Mainz)

"Techniques of Psychiatric Evaluation of Histopathological Findings in the Brain (Schizophrenia, Epilepsy, Senile Dementia)." (Methodisches zur psychiatrischen Auswertung hirnhistopathologischer Befunde (Schizophrenie, Epilepsie, senile Demenz).)

[Report at Congress of the Deutsche Gesellschaft für Psychiatrie und Nervenheilkunde, Munich, Sept. 7-9, 1962.

Main Theme: Neuroanatomy, Neurophysiology and Neuroradiology in the Service of Psychiatry.]

ZENTRALBLATT FÜR DIE GESAMTE NEUROLOGIE UND PSYCHIATRIE. (1963) Vol. 170, #1, pp. 1-2.

Z - see journal reference above, pp. 1-2, Apr. 1963.

K.-J. HEMPEL & Werner M. TREFF:

"Numerical Density of Glia Cells in Healthy Persons and in Schizophrenics. A Quantitative Morphological Study with Reference to the Glia Cell - Nerve Cell Coefficients [Glia Index]." (Die Gliazell-dichte bei klinisch Gesunden und Schizophrenen. Eine Quantitativ-morphologische Untersuchung unter Berücksichtigung des Gliazell-Nervenzell-Koeffizienten.) [Inst. Brain Res. & Gen. Biol., Neustadt-in-the-Black-Forest; Path. Inst., Univ. of Leipzig.]

J. HIRNFORSCH. (1959) Vol. 4, pp. 371-411.

Z - Vol. 155, #1, pp. 4-5, April 1960

K.-J. HEMPEL & Werner M. TREFF:

"The Biocline Reactions of a Subcortical Nucleus." (Über das biokline Verhalten eines subcorticalen Griseums.) [Path. Inst., Univ. of Mainz; Inst. Brain Res. & Gen. Biol., Neustadt-in-the-Black-Forest.]

BEITR. PATH. ANAT. (1960) Vol. 122, pp. 155-167.

Z - Vol. 161, #2, p. 181, June 1961

J. HENNEAUX:

"Neuropathic Relationships Between the Multiple Sclerosis of Experimental Allergic Encephalomyelitis and Various Human Encephalomyelitides." (Relations neuropathologiques de la sclérose en plaques de l'encéphalomyélite allergique expérimentale et de certaines encéphalomyélites humaines.) [Serv. Neuropsychiat., Clin., La Hestre.]

ACTA NEUROL. BELG. (1959) Vol. 59, pp. 702-719.

Z - Vol. 155, #2, pp. 117-118, Apr. 1960

F. HEPPNER:

"Preoperative Irradiation of Vascular Brain Tumors." (Präoperative Bestrahlung gefäßreicher Hirngeschwülste.) [Neurosurg. Div., Surg. Clin., Univ. of Graz.]

RADIOL. AUSTRIACA. (1961) Vol. 12, pp. 33-39.

Z - Vol. 168, #3, p. 275, Dec. 1962

A. HERBST, R.-M. OLISCHER, P. WIECHERT & H.-P. KLÖCKING:
"Excretion of Mercury in the Urine, Following Mercury
Inunctions (Involved in Treating the Demyelinating
Encephalomyelitides), and Their Evaluation." (Queck-
silberschmierkuren innerhalb der Behandlung der Ent-
markungsenzephalomyelitiden und ihre Auswertung.)
[Univ. Nerve Clin., Rostock-Gehlsheim; Pharm. Inst.,
Univ. of Rostock.]
PSYCHIAT. NEUROL. MED. PSYCHOL. (Leipzig). (1962) Vol.
14, pp. 455-463.

Z - Vol. 174, #3, p. 266, Mar. 1964

A. HESS:
"The Fine Structure of Degenerating Nerve Fibers, Their
Sheaths, and Their Terminations in the Central Nerve
Cord of the Cockroach (Periplaneta Americana)."
J. BIOPHYS. BIOCHEM. CYTOL. (1960) Vol. 7, p. 339.

Arthur HESS:
"The Ground Substance of the Central Nervous System and
Its Relation to the Blood-Brain Barrier. Symposium."
[Dept. of Physiol., Univ. of Utah Coll. of Med., Salt
Lake City.]
WORLD NEUROL. (1962) Vol. 3, pp. 118-124.

Z - Vol. 168, #3, p. 235, Dec. 1962

H. H. HESS & A. POPE:
"Intralaminar Distribution of Cytochromoxidase in Human
Frontal Isocortex."
J. NEUROCHEM. (1960) Vol. 5, pp. 207-217.

Walther HILD:

"Ependymal Cells in Tissue Culture." [Univ. of Texas
Medical Branch, Galveston.]

ZEIT. F. ZELLFORSCH. (1957) Vol. 46, pp. 259-271.

Walther HILD:

"Myelogenesis in Cultures of Mammalian Central Nervous
Tissue." [Univ. of Texas Medical Branch, Galveston.]

ZEIT. F. ZELLFORSCH. (1957) Vol. 46, pp. 71-95.

Walther HILD:

"Observations on Neurons and Neuroglia from the Area
of the Mesencephalic Fifth Nucleus of the Cat in
Vitro." [Univ. of Texas Medical Branch, Galveston.]

ZEIT. F. ZELLFORSCH. (1957) Vol. 47, pp. 127-146.

Walther HILD:

"Myelin Formation in Cultures of Mammalian Central Nervous
System," pp. 188-200 in The Biology of Myelin, edited
by Saul R. Korey. Hoeber-Harper, New York, 1959.

Walther HILD:

"Structure and Function of Neuroglia." (U. of Texas,
Medical Branch, Galveston.)

MACROMOLECULAR SPECIFICITY AND BIOLOGICAL MEMORY.

(1962) F. O. Schmitt, ed. Cambridge, Mass., M.I.T.
Press, pp. 49-51.

Walther HILD, J. J. CHANG & I. TASAKI:
"Electrical Responses of Astrocytic Glia from Mammalian
Central Nervous System Cultivated in Vitro."
[Univ. of Texas Medical Branch, Galveston.]
EXPERIENTIA. (1958) Vol. 14, pp. 220-221.

Walther HILD & Ichiji TASAKI:
"Morphological and Physiological Properties of Neurons and
Glial Cells in Tissue Culture." [Dept. of Anat., Univ.
of Texas Med. Branch, Galveston, & Lab. of Neurobiol.,
Nat. Inst. of Health, Bethesda, Md.]
J. NEUROPHYSIOL. (1962) Vol. 25, pp. 277-304.

Z - Vol. 170, #3, p. 181, May 1963.

Norman C. HILL, Norman P. GOLDSTEIN, Bernard F. MCKENZIE,
Warren F. MCGUCKIN & Hendrik J. SVIEN:
"Serum Proteins, Glycoproteins, and Lipoproteins in Neu-
rologic Diseases." [Sections of Neurol., Biochem. &
Neurol. Surg., Mayo Clinic & Foundn., Rochester,
Minn.]
A.M.A. ARCH. NEUROL. (1960) Vol. 2, pp. 341-347.

Z - vol. 161, #3, p. 254, July 1961

Asao HIRANO, Nathan MALAMUD & Leonard T. KURLAND:
"Parkinsonism-Dementia Complex, an Endemic Disease
on the Island of Guam. Part II. Pathological
Features." [Epidemiol. Branch, Nat. Inst. of
Neurol. Dis. & Blindn. Nat. Inst. of Health,
Bethesda, Md.]
BRAIN. (1961) Vol. 84, pp. 662-679.

Z - Vol. 170, #1, p. 65, April 1963.

Dick HOEFNAGEL, Stanley VAN DEN NOORT & Sidney H. INGBAR:
"Diffuse Cerebral Sclerosis with Endocrine Abnormalities
in Young Males." [Neurol. Unit, Dept. of Pediat.,
Thorndike Memorial Lab., & 2nd & 4th Med. Servs.,
Boston City Hosp.; Depts. of Neurol. & Med., Har-
vard Medical School; & Dept. of Pediat., Boston
Univ. School of Med.]

BRAIN. (1962) Vol. 85, pp. 553-568.

Z - Vol. 171, #2, p. 188, July 1963

Hans HOFF, Kurt JELLINGER & Franz SEITELBERGER:

"Demyelinating Encephalomyelitis Following a Rabies Vac-
cination." (Entmarkungs-Encephalomyelitis nach Wut-
schutzimpfung.) [Neurol. Inst., Univ. of Vienna.]

ACTA NEURO-PSYCHIAT. (Istanbul). (1961) pp. 345-364.

Z - Vol. 168, #1, p. 62, Oct. 1962

H. J. HOFFMAN & J. OLSZEWSKI:

"Spread of Sodium Fluorescein in Normal Brain Tissue.
A Study of the Mechanism of the Blood-Brain
Barrier." [Div. of Neuropath., Dept. of Path.,
Univ. of Toronto.]

NEUROLOGY. (1961) Vol. 11, pp. 1081-1085.

Z - Vol. 168, #1, p. 6, Oct. 1962

M. J. HOGAN & L. FEENEY:

"The Ultrastructure of the Retinal Vessels. Part III.
Vascular-Glial Relationships."

J. ULTRASTRUCT. RES. (1963) Vol. 9, p. 47.

Václav HOPFINGER & Vladimír FRÝDL:

"Contribution to the Casuistics of Jakob-Creutzfeldt's
Syndrome (Cortico-Striato-Spinal Degeneration."
(Kasuistischer Beitrag zum Jakob-Creutzfeldt-
Syndrom (Cortico-striato-spinale Degeneration).)
[Regional Hosp., Teplice, Czechoslovakia.]

Z. GES. INN. MED. (1963) Vol. 18, pp. 270-275.

Z - Vol. 173, #3, p. 302, Jan. 1964

Th. HORNET. & E. APPEL:

"Vascular Factor in Cerebral Senility." (Le facteur
vasculaire dans la sénilité cérébrale.)

STUD. CERCET. NEUROL. (1959) Vol. 4 pp. 397-404, with
French Summary. [Rumanian]

Z - Vol. 156, #1, p. 77, May 1960

Th. HORNET, N. CONSTANTINESCU, E. APPEL & L. DRĂGHICI:
"Demyelinating Experimental Allergic Encephalomyelitis.
Relation Between Demyelination and Enzymes."

(Encéphalomyélite allergique démyélinisante ex-
périmentale. Relations entre démyélinisation et
ferments.)

STUD. CERCET. NEUROL. (1959) Vol. 4, pp. 201-211, with
French Summary. [Rumanian]

Z - Vol. 156 #1, pp. 83-84, May 1960

A. HORSTER & W. WALTER:

"Apoplectic Types of Development of Brain Tumors."
(Apoplektiforme Verlaufsformen bei Hirntumoren.)
[Neurosurg. Clin., Cologne Univ.; Div. Tumor Res.
& Exp. Path., Max-Planck-Inst. f. Brain Res.,
Cologne.]

DTSCH. Z. NERVENHEILK. (1961) Vol. 182, pp. 288-302.

Z - Vol. 165, #1, pp. 75-76, Feb. 1962

E. HORSTMANN:

"The Problem of the Extracellular Space in the Central
Nervous System." (Zur Frage des extracellulären
Raumes im Zentralnervensystem.)

VERH. ANAT. GES. (Jena). Vol. for 1959, pp. 100-107.
(Supp. to Vol. 105, ANAT. ANZ. (1958).)
(25th Assembly, Frankfurt-on-Main, April 9-13, 1958.)

Z - Vol. 168, #2, p. 105, Nov. 1962

E. HORSTMANN:

"The Neuroglia and Their Physiological Significance."
(Die Neuroglia und ihre physiologische Bedeutung.)
VERH. ANAT. GES. (Jena). Vol. for 1962, pp. 196-203.
(Supp. to Vol. 109, ANAT. ANZ. (1960-1961).)
(1st Europ. Anat. Congr., Strassburg, August 25-27, 1960.)

Z - Vol. 169, #3, p. 225, March, 1963

E. HORSTMANN:

"'What Do We Know About the Extracellular Space in the Central Nervous System?' Symposium." ("Was wissen wir über den intercellulären Raum im Zentralnervensystem?" Symposium.) [Anat. Inst., Univ. of Hamburg.]

WORLD NEUROL. (1962) Vol. 3, pp. 112-117.

Z - Vol. 168, #3, p. 212, Dec. 1962

H. HOSOKAWA & H. MANNEN:

"Some Aspects of the Histology of the Neuroglia," Ch. 1, pp. 1-52, in Morphology of Neuroglia, edited by J. Nakai. Charles C. Thomas, Springfield, 1963.

J. Trevor HUGHES & Betty BROWNELL:

"Aberrant Nerve Fibres Within the Spinal Cord."
[Depts. of Path. & Neurol., Radcliff Infirm., Oxford.]

J. NEUROL. NEUROSURG. PSYCHIAT. (1963) Vol. 26, pp. 528-534.

Z - Vol. 176, #3, p. 216, Aug. 1964

Rune HUGOSSON & Bengt KALLÉN:

"Studies of Gliomas in Tissue Culture, Using Time-Lapse Cinematography." [Dept. of Neurosurg. & Tornblad Inst., Univ. of Lund.]

J. NEUROPATH. EXP. NEUROL. (1960) Vol. 19, pp. 449-460.

Z - Vol. 163, #2, p. 143, Nov. 1961

Frank HULCHER, Edward V. SPUDIS & Martin G. NETSKY:
"Encephalomyelitis Induced by a White Matter Fraction"
[Depts. of Biochem. & Neurol., Bowman-Gray School
of Med., & Dept. of Path., Univ. of Virginia Med.
School, Charlottesville.]
ARCH. NEUROL. (1963) Vol. 8, pp. 1-7.

Z - Vol. 173, #1, pp. 6-7, Nov. 1963

G. F. HUNGERFORD & Charles M. POMERAT:
"Observations on the Growth of Rat Pineal Gland in Tissue
Culture." [Pasadena Foundn. for Med. Res., Pasadena.]
ANAT. REC. (1962) Vol. 142, #2, p. 347. (Abstr.)

G. F. HUNGERFORD & Charles M. POMERAT:
"Rat Pineal Parenchymal Cells as Observed in Tissue
Culture." [Pasadena Foundn. for Med. Res.,
Pasadena.]
ZEIL. F. ZELLFORSCH. (1962) Vol. 57, pp. 809-917.

G. S. HUNGERFORD & Charles M. POMERAT:
"Observations on the Rat Pineal in Tissue Culture," in
Progress in Brain Research, Vol. 10. Elsevier Pub.
Co., Amsterdam. [In press]

C. C. HUNT: (Salt Lake City)

Paper given at the United States-Japan Symposium on Neurophysiology, Tokyo, March 5-10, 1964.

[About 25% of postganglionic cell of the frog is covered by terminal endings, without intervention of glial membranes, etc.]

See Theodore H. BULLOCK:

"United States-Japan Neurophysiology Symposium."
NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964)
Vol. 2, #3, p. 154.

C. C. HUNT & A. TAKEUCHI:

"Responses of the Nerve Terminal of the Pacinian Corpuscle." [Dept. of Physiol., Univ. of Utah Coll. of Med., Salt Lake City.]

J. PHYSIOL. (1962) Vol. 160, pp. 1-21.

Z - Vol. 170, #1, p. 23, April 1963

Holger HYDÉN:

"Biochemical Changes in Glial Cells and Nerve Cells at Varying Activity," pp. 64-89 in Biochemistry of the Central Nervous System, Proc. IV Congr. Biochemistry, Vol. 3. Pergamon Press, London, 1959.

Holger HYDÉN:

"A Microchemical Study of the Relationship Between Glia and Nerve Cells." (Inst. of Neurobiology, U. of Göteborg, Sweden.)

STRUCTURE AND FUNCTION OF THE CEREBRAL CORTEX. (1959)
Proc. of the 2nd Int'l Meeting of Neurobiologists,
ed. by D. B. Tower and J. P. Schade. Amsterdam,
Elsevier, pp. 348-57.

Holger HYDÉN:

"Quantitative Assay of Compounds in Isolated Fresh Nerve Cells and Glial Cells from Control and Stimulated Animals." [Inst. Neurobiol., Univ. of Göteborg.]
NATURE. (1959) Vol. 184, pp. 433-435.

Holger HYDÉN:

"A Functional Relationship Between Oligodendroglia and the Nerve Cell." (Inst. of Neurobiol., U. of Göteborg, Sweden.)
ACTA MORPHOL NEERL. - SCAND. (1960) Vol. 3, pp. 170-185.

Holger HYDÉN:

"The Neuron." (Inst. of Neurobiol., U. of Göteborg, Sweden.)
THE CELL. (1960) Vol. IV, ed. by J. Brachet and A. E. Mirsky. New York, Academic Press. Chap. 5,
pp. 215-283.

Holger HYDÉN:

"Biochemical and Metabolic Differences Between the Neuron and Its Oligodendroglia at Increased Neural Function." (Inst. of Neurobiol., U. of Göteborg, Sweden.)

PROC. FOURTH INT'L CONGR. OF NEUROPATHOLOGY. (1961)
Vol. II. Berlin, Georg Thieme. pp. 235-272.

Holger HYDÉN:

"Satellite Cells in the Nervous System." (Inst. of Neurobiology, U. of Göteborg, Sweden.)

SCI. AMER. (1961) Vol. 205, pp. 62-70.

Holger HYDÉN:

"A Molecular Basis of Neuron-Glia Interaction," pp. 55-69
in Macromolecular Specificity and Biological Memory,
edited by Francis O. Schmitt. The M.I.T. Press, Cambridge, 1962.

Holger HYDÉN:

"The Neuron and Its Glia -- a Biochemical and Functional Unit." [Inst. Neurobiol., Univ. of Göteborg.]

ENDEAVOUR. (1962) Vol. 21, pp. 144-155.

Holger HYDÉN:

"The Neuron." [Inst. of Neurobiol., U. of Göteborg, Sweden.]

NATURE. (1963) Vol. 199, pp. 820-821.

Z - Vol. 176, #3, p. 215, Aug. 1964.

Holger HYDÉN:

"Biochemical and Functional Interplay Between Neuron and Glia," pp. 31-54 in Recent Advances in Biological Psychiatry, Vol. 6, edited by J. Wortis. Plenum Press, New York, 1964.

Holger HYDÉN:

"Introductory Remarks to the Session on Memory Processes. A Discussion Paper Dated April 15, 1964 for the NRP Work Session in Göttingen, Comprising Comments on Some Data from Learning Experiments, Planaria Studies, and a Concluding Meditation on the Problem." [Inst. Neurobiol., Univ. of Göteborg.]
NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964) Vol. 2, #3, May-June, pp. 23-38.

Holger HYDÉN & E. EGYHAZI:

"Nuclear RNA Changes of Nerve Cells During a Learning Experiment in Rats." [Inst. Neurobiol., Univ. of Göteborg.]
PROC. NAT. ACAD. SCI. (1962) Vol. 48, pp. 1366-1373.

Holger HYDÉN & E. EGYHAZI:

"Glial RNA Changes During a Learning Experiment in Rats." (Inst. of Neurobiology, U. of Göteborg, Sweden.)
PROC. NAT. ACAD. OF SCIENCES. (1963) Vol. 49, pp. 618-624.

Holger HYDÉN & E. EGYHAZI:

"Changes in RNA Content and Base Composition in cortical Neurons of Rats in a Learning Experiment Involving Transfer of Handedness." (Inst. of Neurobiol., Univ. of Göteborg, Sweden.)
PROC. NAT. ACAD. OF SCIENCES. (1964) Vol. 52, pp. 1030-1035.

Holger HYDÉN & P. LANGE:

"Differences in the Metabolism of Oligodendroglia and Nerve Cells in the Vestibular Area," pp. 190-199 in Regional Neurochemistry, IV Int. Neurochem. Symposium, Varenna, 1960, edited by Seymour S. Kety & Joel Elkes. Pergamon Press, Oxford, 1961.

Holger HYDÉN & Paul W. LANGE:

"A Kinetic Study of the Neuron-Glia Relationship."
(Inst. of Neurobiology, U. of Göteborg, Sweden.)
J. CELL BIOL. (1962) Vol. 13, pp. 233-237.

Holger HYDÉN & S. LARSSON:

"The Application of a Scanning and Computing Cell Analyser to the Neurocytological Problems."
J. NEUROCHEM. (1956) Vol. 1, pp. 134-144.

Holger HYDÉN & S. LARSSON:

"A New Scanning Micro-analyser for Data Collection and Evaluation from X-Ray Microradiograms," pp. 51-55 in X-Ray Microscopy and X-Ray Microanalysis, Proc. II Int. Symposium of X-Ray Microscopy and X-Ray Microanalysis, Stockholm, 1959, edited by A Engström, V. Cosslett & H. Pattee. Elsevier Publishing Co., Amsterdam, 1960.

Holger HYDÉN & A. PIGON:

"A Cytophysiological Study of the Functional Relationship Between Oligodendroglial Cells and Nerve Cells of Deiters' Nucleus."
J. NEUROCHEM. (1960) Vol. 6, pp. 57-72.



M. Z. M. IBRAHIM & C. W. M. ADAMS:

"The Relationship Between Enzyme Activity and Neuroglia in Plaques of Multiple Sclerosis." [Dept. Path., Guy's Hosp. Med. School, London.]
J. NEUROL. NEUROSURG. PSYCHIAT. (1963) Vol. 26, pp. 101-110.

Z - Vol. 173, #1, p. 31 Nov. 1963

M. Z. M. IBRAHIM, Philander B. BRISCOE, Jr., Olga B. BAYLISS & C. W. M. ADAMS:

"The Relationship Between Enzyme Activity and Neuroglia in the Prodromal and Demyelinating Stages of Cyanide Encephalopathy in the Rat." [Dept. of Path., Guy's Hosp. Med. School, London.]
J. NEUROL. NEUROSURG. PSYCHIAT. (1963) Vol. 26, pp. 479-486.

Z - Vol. 176, #2, p. 114, July 1964

H. IMAI, E. M. HOENIG & A. A. STEIN:

"Enzyme Histochemical Patterns in Primary Glial Tumours."
NEUROLOGY. (1963) Vol. 13, p. 351.

T. INOSE, Y. ICHIKAWA & H. NOMURA:

"A Histochemical Study on Hepatocerebral Degeneration and Liver Disease. (Glycogen Findings)." (Eine histochemische Studie bei den hepatocerebralen Degenerationen und bei Leberkrankheiten (Glykogenbefund).) [Nerve Clin., Univ. of Yokohama.]

ARCH. PSYCHIAT. NERVENKR. (1960) Vol. 200, pp. 509-519.

Z - Vol. 161, #3, pp. 248-249, July 1961.

V. IONASESCU:

"Value of the Electrophoretic Data in Neurology." (La valeur des données électrophorétiques en neurologie.)

Ž. NEVROPAT. PSICHIAT. (1962) Vol. 62, pp. 648-656, with French Summary. [Russian]

Z - Vol. 169, #2, p. 126, Feb. 1963

C. IONESCU-MIHAIESTI, Th. HORNET, E. APPEL & M. ZAMFIRESCU:
"Effect of Alkaline Phosphatase in Experimental Poliomyelitis." (L'activité de la phosphatase alcaline dans la poliomyélite expérimentale.)

STUDII ŞI CERC. NEUR. (1957) Vol. 2, pp. 151-158, with French Summary. [Rumanian]

Z - vol. 153, #1, p. 31, Dec. 1959

R. IRONSIDE, Frances D. BOSANQUET & W. H. McMENEMEY:
"Central Demyelination of the Corpus Callosum
(Marchiafava-Bignami Disease). With Report of
a Second Case in Great Britain." [Maida Vale
Hosp. f. Nerv. Dis., London.]
BRAIN. (1961) Vol. 84, pp. 212-230.

Z - Vol. 170, #1, pp. 18-19, April 1963

Shozo ISHII & Eiichi TANI:
"Electron Microscopic Study of the Blood-Brain Barrier in
Brain Swelling." [First Surg. Div., Kyoto Univ. Med.
School, Kyoto.]
ACTA NEUROPATH. (Berlin). (1962) Vol. 1, pp. 474-488.

Z - Vol. 173, #1, p. 6, Nov. 1963

I. F. IVANOV:
"'Quantitative Histology' of Wallerian Degeneration."
ARKH. ANAT. GISTOL. I EMBRIOL. (1961) Vol. 40, p. 3.

C. G. S. IYER, H. M. DASTUR & A. D. DESAI:
"Some Patho-Anatomical Findings in Hydrocephalus in In-
fants." [Neurol. Unit, Indian Council Med. Res.,
Indian Cancer Res. Center; Tata Memorial Hosp.; &
Dept. of Neurosurg., King Edward Memorial Hosp.,
Bombay.]
NEUROLOGY (Bombay). (1960) Vol. 8, pp. 100-104.

Z - Vol. 167, #3, p. 220, Sept. 1962

J

H. JACOB:

"Neuropathology of the Virus Diseases of the Central Nervous System." (Neuropathologie der Viruserkrankungen des Zentralnervensystems.) [Univ. Nerve Clin., Marburg-on-the-Lahn.]
 DTSCH. Z. NERVENHEILK. (1961) Vol. 182, pp. 472-491.

Z - Vol. 166, #1, p. 13, May 1962

H. JACOB:

"Neuropathology of Aspects of the Comatose State." (Zur Neuropathologie komatöser Zustandsbilder.)
 MED. WELT. (1964) pp. 119-122.

Z - Vol. 177, #1, p. 8, Sept. 1964

H. JACOB, C. MUMME & H. SOLCHER:

"Demyelination with Cerebral Respiratory Damage (Strangulation Myelopathy)." (Entmarkung bei cerebralen Ödemschäden (Strangulationsmyelopathie).) [Univ. Nerve Clin., Marburg-on-the-Lahn; & Gen. Hosp., Hamburg-Bergedorf.]
 ARCH. PSYCHIAT. NERVENKR. (1962) Vol. 203, pp. 311-320.

Z - Vol. 170, #3, p. 270, May 1963

Stanley JACOBSON:

"Sequence of Myelination in the Brain of the Albino Rat. A. Cerebral Cortex, Thalamus and Related Structures." [Dept. Anat., Northwest. Univ. Med. School, Chicago.]
 J. COMP. NEUROL. (1963) Vol. 121, pp. 5-29.

Z - Vol. 174, #3, p. 245, March 1964

Hermann JAKOB:

"Pathological Anatomy of Pick's Disease. Part II. Ultrastructural Changes and the Problem of Localizing the Start of the Process in the Neuron." (Zur pathologischen Anatomie der Pickschen Krankheit. II. Die feineren histologischen Veränderungen und die Frage der Lokalisation des Prozessbeginns am Neuron.) [Psychiat. State Hosp., Wiesloch-bei-Heidelberg.]
ARCH. PSYCHIAT. NERVENKR. (1961) Vol. 202, pp. 540-568.

Z - Vol. 169, #2, p. 117, Feb. 1963

W. JANZEN:

"The Relationship Between the Perivascular and the Sub-arachnoidal Space." [Neuropath. Lab., Valerius Clin., Amsterdam.]
PSYCHIAT. NEUROL. NEUROCHIR. (Amsterdam). (1961) Vol. 64, pp. 37-45.

Z - Vol 164, #2, pp. 106-107, Jan. 1962

Horst JATZKEWITZ:

"Leucodystrophy, Scholz Type (Metachromatic Form of Diffuse Sclerosis) as Sphingolipoidosis (Cerebroside-Sulfuric Acid Ester Storage Disease)." (Die Leukodystrophie, Typ Scholz, (metachromatische Form der diffusen Sklerose) als Sphingolipoidose (Cerebroside-schwefelsäureester-Speicherkrankheit.) [Biochem. Div., German Res. Inst. Psych., Max-Planck-Inst., Munich.]
HOPPE-SEYLER'S Z. PHYSIOL. CHEM. (1960) Vol. 318, pp. 265-277.

Z - Vol. 161, #1, p. 43, May 1961

A. JAVALET & Ch. SZTABERT:

"Tumors of the Sellar Region. Radioclinical Aspects."
(Tumeurs de la région sellaire. Aspects Radiocliniques.) [Neurosurg. Clin., Central Hosp., Univ. of Rennes.]

J. RADIOL. ELECTROL. (1963) Vol. 44, pp. 555-561.
(Meeting of Soc. Franç. Electroradiol. Med., Western Section, June 3, 1962.)

Z - Vol. 175, #3, pp. 301-302, May 1964

H. C. JELGERSMA:

"On the Tuber Flocculi in Mongolian Idiocy." [Neuropath. Lab., Prov. Hosp., Santpoort, Netherlands.]

PSYCHIAT. NEUROL. NEUROCHIR. (Amsterdam). (1963) Vol. 66, pp. 131-137.

Z - Vol. 174, #3, p. 245, March 1964

K. JELLINGER, F. GERSTENBRAND & K. PATEISKY:

"Prolonged Form of Post-Traumatic Encephalopathy. Clinico-Morphological Findings after Severe Masked Injury of Skull and Brain, with Long Survival Period." (Die protrahierte Form der posttraumatischen Encephalopathie. Klinisch-morphologische Befunde nach schwerem gedecktem Schädel-Hirntrauma mit langer Überlebensdauer.) [Neurol. Inst., Psychiat.-Neurol. Clin., Univ. of Vienna.]

NERVENARZT. (1963) Vol. 34, pp. 145-159.

Z - Vol. 172, #4, p. 328, Nov. 1963

K. JELLINGER & E. NEUMAYER:

"Progressive Myelopathy of Vascular Origin. Anatomoclinical Contribution to the Syndromes of Chronic Hypovascularization of the Spinal Cord." (Myelopathie progressive d'origine vasculaire. Contribution anatomoclinique aux syndromes d'une hypovascularisation chronique de la moelle.) [Dept. Neurol., Vienna-Lainz Hosp.; Inst. Neurol., Univ. of Vienna.]

ACTA PAEDIAT. BELG. (1962) Vol. 62, pp. 944-956.

Z - Vol. 173, #3, p. 221, Jan. 1964

K. JELLINGER & Franz SEITELBERGER:

"The Problem of the Central Nervous System Complications after Vaccination Against Rabies." (Zur Frage der zentralnervösen Komplikationen nach Wutschutzimpfung.) [Neurol. Inst., Univ. of Vienna.]

DTSCH. Z. NERVENHEILK. (1963) Vol. 184, pp. 508-536.

Z - Vol. 173, #2, p. 190, Dec. 1963

George A. JERVIS:

"Infantile Metachromatic Leukodystrophy. (Greenfield's Disease.)" [Res. Dept., Letchworth Village, New York State Dept. of Ment. Hyg., Thiells, New York.]

J. NEUROPATH. EXP. NEUROL. (1960) Vol. 19, pp. 323-341.

(Meeting of Amer. Assoc. of Neuropathologists, Atlantic City, N.J., June 16, 1957.)

Z - Vol. 162, #3, pp. 287-288, Sept. 1961

K. JOHNSDOTTIR & A. LOWENTHAL:

"Comparative Studies on Agar Gel Electrophoresis of Spinal Fluid from Patients with Cerebral Arteriosclerosis and Multiple Sclerosis." [Lab. Neurochem., Inst. Bunge, Antwerp-Berchem.]
 WORLD NEUROL. (1962) Vol. 3, pp. 659-663.

Z - Vol. 173, #1, pp. 29-30, Nov. 1963

K

H. E. KAESER:

"Functional Testing of Peripheral Nerves in Experimental polyneuritides and in Wallerian Degeneration." (Funktionsprüfungen peripherer Nerven bei experimentellen Polyneuritiden und bei der Wallerschen Degeneration.) [Univ. Neurol. Clin. & Polyclin., Basel.]
 DTSCH. Z. NERVENHEILK. (1962) Vol. 183, pp. 268-304.

Z - Vol. 168, #3, p. 231, Dec. 1962

C. KALAN:

"Calcification in Intracranial Gliomata." [Neuroradiol. Dept., St. George's Hosp.; Lysholm Radiol. Dept., Nat. Hosp. Nerv. Dis., London.]
 BRIT. J. RADIOLOG. (1962) Vol. 35, pp. 589-602.

Z - Vol. 171, #1, pp. 20-21, June 1963

Bengt KÄLLÉN:

"On the Mesenchymal Reaction of Brain Tissue, Studied with Tissue Culture Technique." [Dept. of Embryol., Univ. of Lund.]
 CONFIN. NEUROL. (Basel). (1960) Vol. 20, pp. 281-292.

Z - Vol. 159, #4, p. 293, Feb. 1961

H. KALM:

"Phase-Contrast Observations on Brain Tumors." (Phasenkontrastbeobachtungen an Hirngeschwülsten.) [Univ. of Hamburg Neurol. Clin., Hamburg-Eppendorf.]
DTSCH. Z. NERVENHEILK. (1959) Vol. 179, pp. 267-284.

Z - Vol. 156, #1, p. 6, May 1960

Robert KATZMAN:

"Electrolyte Distribution in Mammalian Central Nervous System. Are Glia High-Sodium Cells?" [Div. of Neurol., Dept. of Med., Albert Einstein Coll. of Med., Yeshiva Univ.; & Bronx Municip. Hosp., New York.]
NEUROLOGY. (1961) Vol. 11, pp. 27-36.
(12th Annual Meeting, Amer. Acad. Neurol., Miami Beach, Apr. 29, 1960.)

Z - Vol. 164, #2, p. 117, Jan. 1962

Robert KATZMAN, Eugene H. KAGAN & H. M. ZIMMERMAN:

"A Case of Jakob-Creutzfeldt Disease. Part I. Clinicopathologic Analysis." [Div. of Neurol., Dept. of Med., Albert Einstein Coll. of Med., Yeshiva Univ.; Bronx Municip. Hosp. Center; Lab. Div., Montefiore Hosp., New York.]
J. NEUROPATH. EXP. NEUROL. (1961) Vol. 20, pp. 78-94.

Z - Vol. 165, #2, p. 192, March 1962

Koziro KAWAMURA:

"Histochemical Studies on Cytochrome Oxidase and Succinic Dehydrogenase of the Nervous System in Metabolic Disturbances Caused by Insulin Coma. Discussion of Histochemical Patterns as Related to Histopathological Findings." (Histochemische Untersuchungen über Cytochromoxydase und Succinodehydrogenase des zentralen Nervensystems bei durch Insulinkoma hervorgerufenen Stoffwechselstörungen. Besprechung über histochemische Bilder in Bezug auf histopathologische Befunde.) [Psychiat. & Nerv. Clin., Hokkaido Univ., Sapporo.]
PSYCHIAT. NEUROL. JAP. (1960) Vol. 62, pp. 1312-1324 & Abstr. 82-83. [Japanese]

Z - vol. 162, #2, p. 100, Aug. 1961

Wieslaw KAWIAK & Irmina ZELMAN:

"Van Bogaert's Subacute Encephalitis, with Nodular Macrogliar Infiltration."
NEUROL. NEUROCHIR. PSYCHIAT. POL. (1962) Vol. 12, pp. 651-659, with English Summary. [Polish]

Z - vol. 173, #3, p. 295, Jan. 1964

Tokuko KAYABA:

"The Cerebellar Changes in Wilson's Disease." (Über die Kleinhirnrindenveränderungen der Wilsonschen Krankheit.) [Psychiat. Clin., Tohoku Univ., Sendai.]
PSYCHIAT. NEUROL. JAP. (1960) Vol. 62, pp. 179-190 & Abstr. 13-14. [Japanese]

Z - Vol.159, #2, pp. 123-124, Dec. 1960

Diane E. KELTON & Harold RAUCH:

"Myelination and Myelin Degeneration in the Central Nervous System of Dilute-Lethal Mice." [Dept. of Zool., Univ. of Massachusetts, Amherst.]
EXP. NEUROL. (1962) Vol. 6, pp. 252-262.

Z - Vol. 170, #3, p. 182, May 1963.

A. KEMP & A. VAN ROSSUM:

"Neuromyelitis Optica." [Neurol. Dept., Univ. Hosp., Utrecht.]
PSYCHIAT. NEUROL. NEUROCHIR. (Amsterdam). (1963) Vol. 66, pp. 342-356.

Z - Vol. 177, #2, p. 175, Sept. 1964

V. V. KENTS, I. I. PROTAS & R. A. KUPRIYANENKO:

"Differential Diagnosis of Pathological Processes Occurring in the Area of Cauda Equina."
VOP. NEUROCHIR. (1961) Vol. 25, #3, pp. 15-20, with English Summary. [Russian]

Z - Vol. 164, #1, p. 86, Dec. 1961

Günter KERSTING:

"Cytostatic Effects in Glioblastoma Culture." (Cytostatische Effekte in der Glioblastomkultur.)
[Inst. Neuropath., Univ. of Bonn; & Rhein. Brain Res. Inst., Bonn.]
ACTA NEUROCHIR. (Vienna). (1959) Vol. 6, Suppl., pp. 195-202.
(10th Annual Meeting, Dtsch. Ges. f. Neurochir., & Vereinig. Schweiz. Neurochir., Zurich, July 24-26, 1958.)

Z - Vol. 156, #2, p. 116, June 1960

Günter KERSTING: (Bonn)

"Classification of Brain Tumors and Their Behavior in Vitro."
(Die Ordnung der Hirngeschwülste und ihr Verhalten in Vitro.)

[Report at Meeting of the Deutscher Neuropathologen und Neuroanatomien, Tübingen, June 12-14, 1960.]

ZENTRALBLATT FÜR DIE GESAMTE NEUROLOGIE UND PSYCHIATRIE.
(1960) Vol. 158, #3, pp. (267) & 268-269.

Z - see journal reference above, pp. 268-269, Nov. 1960.

Hans-Albrecht KETZ:

"Conclusions and Problems in Comparative Research on Aging."
(Ergebnisse und Probleme der vergleichenden Altersforschung.)

FORSCH. FORTSCHR. DTSCH. WISS. (1961) Vol. 35, pp. 297-300.

Z - Vol. 168, #2, p. 102, Nov. 1962

R. D. KEYNES, M. V. L. BENNETT & H. GRUNDFEST:

"Electrophysiology of Electric Organ of *M. electricus*,"
pp. 102-112 in Bioelectrogenesis, edited by
C. Chagas & A. P. De Carvalho. Elsevier, Amsterdam,
1961.

B. S. KHOMINSKY:

"Some Disputable Questions Relating to Interpretation of
Neuroectodermal Tumors."

VOP. NEYROCHIR. (1962) Vol. 26, #1, pp. 9-16, with English Summary. [Russian]

Z - Vol. 167, #3, p. 307, Sept. 1962

Wolff M. KIRSCH:

"Histochemical and Quantitative Analysis of Alkaline Phosphatase During the Course of Experimental Intracranial Neoplasia." [Depts. of Anat. & Neurol. Surg., & Beaumont-May Inst. of Neurol., Washington Univ. School of Med., St. Louis.]
NEUROLOGY. (1963) Vol. 13, pp. 123-134.

Z - Vol. 176, #1, p. 6, June 1964

John L. KISER & John H. KENDIG:

"Intracranial Suppuration. Review: 139 Consecutive Cases with Electron-Microscopic Observations on Three." [Depts. of Path., Anat. & Neurosurg., Washington Univ. School of Med., St. Louis.]
J. NEUROSURG. (1963) Vol. 20, pp. 494-511.

Z - Vol. 176, #3, p. 327, March 1964

P. KISSEL & M. LAXENAIRE:

"Etiologic and Pathogenic Hypotheses Concerning Sclerosis." (Hypotheses étiologiques et pathogéniques concernant la sclérose en plaques.)
REV. PRAT. (Paris). (1962) Vol. 12, pp. 469-475.

Z - Vol. 168, #1, p. 63, Oct. 1962.

Igor KLATZO, D. C. GAJDUSEK & V. ZIGAS:

"Pathology of Kuru."
LAB. INVEST. (1959) Vol. 8, p. 799.

Igor KLATZO, Jaime MIQUEL & Richard OTENASEK:
"The Application of Fluorescein-Labeled Serum Proteins
(FLSP) to the Study of Vascular Permeability in
the Brain." [Sect. of Neuropath., Surg. Neurol.
Branch, Nat. Inst. of Neurol. Dis. & Blindn., Nat.
Inst. of Hlth., Bethesda, Md.]
ACTA NEUROPATH. (Berlin). (1962) Vol. 2, pp. 144-160.

Z - Vol. 173, #1, pp. 27-28, Nov. 1963

Igor KLATZO, Jaime MIQUEL, Cornelius TOBIAS & Webb
HAYMAKER:
"Effects of Alpha Particle Radiation on the Rat Brain,
Including Vascular Permeability and Glycogen
Studies." [Sect. of Neuropath., Surg. Neurol.
Branch, Nat. Inst. of Neurol. Dis. & Blindn.,
Nat. Inst. of Health, Bethesda, Md.]
J. NEUROPATH. EXP. NEUROL. (1961) Vol. 20, pp. 459-
483.
(37th Annual Meeting, Amer. Assoc. of Neuropathologists,
Atlantic City, N. J., June 10-11, 1961.)

Z - Vol. 173, #1, p. 10, Nov. 1963

Edmund KLAUS, Eugen FREYBERGER, Georg KAVKA & Franz
VODICKA:
"Familial Occurrence of Bulboparalytic Form of Amyotro-
phic Lateral Sclerosis with Lattice Keratitis
[Lattice-Type Corneal Dystrophy] and Cutis Hyper-
elastica, in Three Sisters." (Familiäres Vorkommen
von bulbarparalytischer Form der amyotrophischen
Lateralsklerose mit gittriger Hornhautdystrophie
und Cutis hyperelastica bei drei Schwestern.)
[Neurol. Clin., Palacký Univ., Olmütz; Neurol. Div.,
Ophthalmological Div. & Dermatological & Venereal
Div., Regional Hosp., Litomyšl, Czechoslovakia.]
PSYCHIAT. ET NEUROL. (Basel). (1959) Vol. 138, pp. 79-97.

Z - Vol. 156, #1, p. 96, May 1960

Janis V. KLAVINS:

"Central Pontine Myelinolysis." [Dept. of Path., Duke Univ. Med. Center, & Durham VA Hosp., Durham, N.C.]
J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, pp. 302-317.

Z - Vol. 173, #2, p. 119, Dec. 1963

Karl KLEIST:

"Myeloarchitectonic and Pathology of the Parietal Lobe."
(Myeloarchitektonik und Pathologie des Scheitel-
lappens.) [Frankfort Res. Inst. Brain Path. &
Psychopath., Frankfort-on-Main.]
ARCH. PSYCHIAT. NERVENKR. (1960) Vol. 200, pp. 329-338.

Z - Vol. 158, #1, p. 2, Oct. 1960

B. N. KLOSSOVSKII & E. N. KOSMARSKAYA:

"Excitatory and Inhibitory States of the Brain." (1961)
(Deyatel'noe i Tormoznoe Sostoyania Mozga.) [Medgiz,
Moscow, 412 pp.]

Heinrich KLÜVER:

Klüver's part in the Discussion of Karl S. LASHLEY'S
paper, "Cerebral Organization and Behavior."
RES. PUBL. ASS. RES. NERV. MENT. DIS. (1958) Vol. 36,
pp. 1-4, Discussion pp. 14-18.

Heinrich KLÜVER & Elizabeth BARRERA:

"On the Use of Azaporphin Derivatives (Phthalocyanines)
in Staining Nervous Tissue." [Div. Biol. Sci.,
Univ. of Chicago.]

J. PSYCHOL. (1954) Vol. 37, pp. 199-223.

Alan KOCH, James B. RANCK, Jr. & Bertha L. NEWMAN:

"Ionic Content of the Neuroglia." [Dept. of Physiol.
& Biophys., Univ. of Washington, School of Med.,
Seattle.]

EXP. NEUROL. (1962) Vol. 6, pp. 186-200.

Z - Vol. 170, #3, p. 185, May, 1963

Gerhard KOCH & Edmund MIDDENDORF:

"Occurrence of Glioblastoma Multiforme in Three Sisters
Aged 50 to 54 Years. Recent Considerations on the
Etiology of Dysontogenetic Tumors." (Vorkommen von
Glioblastoma multiforme bei 3 Schwestern im Alter
von 50 bis 54 Jahren. Neuere Betrachtungen zur Äti-
ologie dysontogenetischer Geschwülste.) [Research
Area of Human Genetics & Psychoneurology, Inst. of
Human Genetics, Univ. of Münster, Westphalia; Surg.
& Neurosurg. Divs., Mineworkers' Union Hosp., Bochum-
Langendreer.]

MED. WELT. (1960) pp. 2541-2544, & Illus. 2552.

Z - Vol. 163, #2, Nov. 1961, p. 143

George B. KOELLE:

"A Proposed Dual Neurohumoral Role of Acetylcholine: Its Functions at the Pre- and Post-Synaptic Sites," [Dept. Pharmacol., Med. School, Univ. of Penn., Philadelphia.]

NATURE. (1961) Vol. 190, pp. 208-211.

George B. KOELLE:

"A New General Concept of the Neurohumoral Functions of Acetylcholine and Acetylcholinesterase." (Dept. Pharmacol, Univ. of Penn. Med. School, Philadelphia.)

J. PHARM. PHARMACOL. (1962) Vol. 14, pp. 65-90.

E. KOENIG & G. B. KOELLE:

"Mode of Regeneration of Acetylcholinesterase in Cholinergic Neurons Following Irreversible Inactivation." [Dept. of Pharmacol., School of Med., Univ. of Pennsylvania, Philadelphia.]

J. NEUROCHEM. (1961) Vol. 8, pp. 169-188.

Z - Vol. 169, #1, pp. 9-10, Jan. 1963

Harold KOENIG:

"The Proteolipid Nature of the Neurokeratin Network of Myelin." [VA Res. Hosp., & Dept. of Neurol. & Psychiat., Northwestern Univ. Med. School, Chicago.]

J. NEUROCHEM. (1959) Vol. 4, pp. 93-100.

Z - Vol. 156, #1, pp. 9-10, May 1960

Harold KOENIG:

"Histological Distribution of Brain Gangliosides:
Lysosomes as Glycolipoprotein Granules."
NATURE. (1962) Vol. 195, p. 782.

Harold KOENIG & K. D. BARRON:

"Morphological and Enzymic Alterations in Reacting Glia."
ACTA NEUROL. SCAND. (1962) Vol. 38, Supp. 1, p. 72.

Harold KOENIG & K. D. BARRON:

"Morphologic and Enzymic Alterations of Reacting Glia in an
Experimental Demyelinating Lesion."
ANAT. REC. (1962) Vol. 142, p. 249.
(AMER. ASSOC. ANAT., Minnesota, March 1962.)

Harold KOENIG, Mary Bartlett BUNGE & Richard P. BUNGE:

"Nucleic Acid and Protein Metabolism in White Matter.
Observations During Experimental Demyelination and
Remyelination; a Histochemical and Autoradiographic
Study of Spinal Cord of the Adult Cat." [Neurol. &
Radioisotop. Serv., VA Res. Hosp.; Depts. of Neurol.
& Psychiat., Northwest. Univ. Med. School, Chicago.;
Dept. of Zool., Univ. of Wisconsin, Madison.]
ARCH. NEUROL. (1962) Vol. 6, pp. 177-193.

Z - Vol. 169, #3, pp. 237-238, March 1963

H. KOPROWSKI & M. V. FERNANDES:

"Autosensitization Reaction in Vitro Contactual Agglutination of Sensitized Lymph Node Cells in Brain Tissue Culture Accompanied by Destruction of Glial Elements." J. EXP. MED. (1962) Vol. 116, p. 467.

Saul R. KOREY:

"Concentration of Neuroglia Cells," pp. 203-210 in Biology of Neuroglia, edited by Wm. F. Windle. Charles C Thomas, Springfield, 1958.

Saul R. KOREY:

"Experimental Basis of Reduced Lipogenesis in White Matter of Central Nervous System." TRANS. AMER. NEUROL. ASSOC. (1959). 84th Meeting, p. 135.

Saul R. KOREY:

"Glia, Lipogenesis, and Formation of Myelin." [Div. of Neurol., Dept. of Med., Albert Einstein Coll. of Med., Yeshiva Univ., New York.] A.M.A. ARCH. NEUROL. (1960) Vol. 2, pp. 140-145.

Z - Vol. 160, #1, p. 3, Mar. 1961

Saul R. KOREY & Mildred ORCHEN:

"Relative Respiration of Neuronal and Glial Cells." [Albert Einstein Coll. of Med., Yeshiva Univ., New York.] J. NEUROCHEM. (1959) Vol. 3, pp. 277-285.

Z - Vol. 155, #1, p. 15, Apr. 1960

Saul R. KOREY & Herbert WINOGRAD:

"Biochemical Alterations in a Case of Heller's Disease."
[Div. of Neurol., Dept. of Med., Albert Einstein
Coll. of Med., Yeshiva Univ., New York; Depts. of
Pediat. & Med., Western Res. Univ. School of Med.,
Cleveland.]

A.M.A.J. DIS. CHILD. (1959) Vol. 97, pp. 668-675.

Z - Vol. 155, #2, pp. 127-128, Apr. 1960

Timo U. KOSUNEN, Byron H. WAKSMAN & I. Karen SAMUELSSON:

"Radioautographic Study of Cellular Mechanisms in Delayed
Hypersensitivity. Part II. Experimental Allergic
Encephalomyelitis in the Rat." [Depts. Bacteriol. &
Immunol., Harvard Medical School; Neurol. Res. Lab.,
Massachusetts General Hospital, Boston.]

J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, pp. 367-380.
(38th Annual Meeting, Amer. Assoc. Neuropath., Atlantic
City, N.J., June, 1962.)

Z - vol. 177, #1, p. 10, Sept. 1964

L. KOULISCHER:

"Cytogenetic Study of Nine Patients with Multiple Sclero-
sis." (Etude cytogénétique de neuf malades atteints
de sclérose en plaques.) [Med. Genet. Center, Free
Univ., Brussels.]

ACTA NEUROL. BELG. (1963) Vol. 63, pp. 437-442.

Z - Vol. 175, #3, p. 236, May 1964

L. L. KOUTCHEROVA & L. B. KLEBANOVA:

"The Volume of Protein and Protein Fractions in Encephalomyelitis and Multiple Sclerosis." (Le contenu de protéines et de ses fractions dans l'encéphalomyélite et la sclérose en plaques.)

Ž. NEVROPAT. PSICHIAT. (1960) Vol. 60, pp. 1458-1463, with French Summary. [Russian]

Z - Vol. 163, #1, pp. 20-21, Oct. 1961

E. KOVACS:

"Biochemical Studies on Sera or Cerebrospinal Fluids of Neurologically Normal Persons and Patients with Multiple Sclerosis. Part I. Phosphomonoesterases in Serum Pools of Normal Persons, and the Effect of Some Physiological and Pathological Factors." [Dept. of Publ. Health, Univ. of Toronto.]

VITAMIN-, HORMON-, U. FERMENTFORSCH. (1959) Vol. 10, pp. 116-126.

Z - Vol. 155, #3, pp. 260-261, May 1960

G. KREUTZBERG & W. WECHSLER:

"Histochemical Studies on Oxidative Enzymes in the Regenerating Sciatic Nerve of the Rat." (Histochemische Untersuchungen oxydativer Enzyme am Regenerierenden Nervus Ischiadicus der Ratte.) [German Inst. Psychiat. Res., Max-Planck-Inst., Munich.]

ACTA NEUROPATH. (Berlin). (1963) Vol. 2, pp. 349-361.

Z - Vol. 174, #3, p. 252, March 1964

W. KRÜCKE:

"The Morphological Picture of Disease of the Peripheral Nerves." (Das morphologische Bild der Erkrankung peripherer Nerven.) [Neuropath. Div., Max-Planck-Inst. Brain Res.; & Univ. Neurol. Inst., Frankfurt-on-Main.]

REGENSBURG. JB. ÄRZTL. FORTBILD. (1962) Vol. 10, pp. 235-245.

Z - Vol. 173, #2, p. 116, Dec. 1963

Stephen W. KUFFLER: (Boston)

Paper given at the United States-Japan Symposium on Neurophysiology, Tokyo, March 5-10, 1964.

[In studies on giant glial cells in the leech, not the glial cells but the narrow intercellular spaces must be the path for rapid diffusion of K & Na ions, etc.]

See Theodore H. BULLOCK:

"United States-Japan Neurophysiology Symposium."
NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964)
Vol. 2, #3, pp. 154-155.

Stephen W. KUFFLER & John G. NICHOLLS:

"Glial Cells in the CNS of the Leech: Their Membrane Potential and Potassium Content." [Neurophysiol. Lab., Dept. of Pharmacol., Harvard Medical School, Boston.]

NAUNYN-SCHMIEDEBERGS ARCH. EXP. PATH. U. PHARMAK. (1964)
Vol. 248, pp. 216-222.

Stephen W. KUFFLER & David D. POTTER:

"Glia in the Leech Central Nervous System: Physiological Properties and Neuron-Glia Relationship." [Neurophysiol. Lab., Dept. of Pharmacol., Harvard Medical School, Boston.]

R. F. KUHN:

"Tumors of the Lateral Ventricle." (Tumoren der Seitenventrikel.) [Neurosurg. Clin., Univ. of Zurich.]
SCHWEIZ. ARCH. NEUROL. PSYCHIAT. (1962) Vol. 89, pp. 17-40.

Z - Vol. 167, #3, pp. 307-308, Sept. 1962

Zygmunt W. KULIGOWSKI & Ewa OSETOWSKA:

"Subacute Encephalitis (Van Bogaert) in Adults." (Encéphalite subaiguë (van Bogaert) chez les adultes.) [Inst. Psychoneurol., Poznan-Pruszkow, Partyzantow 68.]

NEUROL. NEUROCHIR. PSYCHIAT. POL. (1961) Vol. 11, pp. 11-19, with French Summary. [Polish]

Z - Vol. 164, #2, p. 179, Jan. 1962

C. KUPFER & P. PALMER:

"Lateral Geniculate Nucleus: Histological and Cytochemical Changes Following Afferent Denervation and Visual Deprivation."

EXP. NEUROL. (1964) Vol. 9, pp. 400-409.

John F. KURTZKE, Albert MARTIN, Jr., Ralph M.
MYERSON & Julian I. LEWIS:
"Microbiology in Multiple Sclerosis. Evaluation of
Ichelson's Organism." [Neurol. Serv., VA Hosp.,
Coatesville, Pa., & Dept. of Neurol., Jefferson
Med. Coll., Philadelphia.]
NEUROLOGY. (1962) Vol. 12, pp. 915-922.

Z - Vol. 172, #3, p. 238, Oct. 1963

Václav KVIČALA & Miroslav KOLÁŘ:
"Blood-Brain Barrier Studied with the Aid of p³²."
ČSL. NEUROL. (1961) Vol. 24, pp. 412-417, with English
Summary. [Czech]

Z - Vol. 169, #2, pp. 126-127, Feb. 1963

L

Robert H. LAATSCH:
"Glycerol Phosphate Dehydrogenase Activity of Developing
Rat Central Nervous System." [Dept. of Pharmacol.
& Beaumont-May Inst. of Neurol., Washington Univ.
School of Med., St. Louis.]
J. NEUROCHEM. (1962) Vol. 9, pp. 487-492.

Z - Vol. 173, #1, p. 19, Nov. 1963

P. LAMPERT:
"The Selective Vulnerability of the Brain to Anoxia."
[Div. of Neuropath., Dept. of Path., Univ. of Toron-
to.]
CANAD. MED. ASSOC. J. (1961) Vol. 84, pp. 1172-1176.

Z - Vol. 165, #2, pp. 106-107, March 1962

P. LAMPERT, J. M. BLUMBERG & A. PENTSCHEW:

"An Electron Microscopic Study of Dystrophic Axons
in the Gracile and Cuneate Nuclei of Vitamin
E-Deficient Rats." [Armed Forces Inst. of Path.,
Washington, D.C.]

J. NEUROPATH. EXP. NEUROL. (1964) Vol. 23, pp. 60-77.

Z - Vol. 177, #1, p. 11, Sept. 1962

P. LAMPERT, M. I. TOM & J. N. CUMINGS:

"Encephalopathy in Whipple's Disease. A Histochem-
ical Study." [Div. of Neuropath., Dept. of
Path., Univ., Toronto; Dept. of Chem. Path.,
Inst. of Neurol., Nat. Hosp., London.]

NEUROLOGY. (1962) Vol. 12, pp. 65-71.

Z - Vol. 170, #1, p. 20-21, April 1963

Thomas K. LANDAUER:

"Two Hypotheses Concerning the Biochemical Basis of Mem-
ory." [Dartmouth College, Hanover.]

PSYCHOLOGICAL REVIEW. (1964) Vol. 71, pp. 167-179.

A. LANDOLT:

"Electron Microscope Investigations of the Cortical Gray
Matter of Ant Mushroom Bodies (Formica lugubris
Zett.) with Particular Regard to the Neuron-Glia
Relationship." (Elektronenmikroskopische
Untersuchungen am Rindengrau der Corpora pedunculata
von Waldameisen (Formica Lugubris Zett.) mit
besonderer Berücksichtigung der Neuron-Glia-
Beziehung.)

Z. ZELLFORSCH. (In press. Prob. 1965.)

Lowell W. LAPHAM & Millicent A. JOHNSTONE

"Cytologic and Cytochemical Studies of Neuroglia. Part II. The Occurrence of Two DNA Classes Among Glial Nuclei in the Purkinje Cell Layer of Normal Adult Human Cerebellar Cortex." [Neuropath. Lab., Inst. of Path., West. Res. Univ. School of Med.; Univ. Hosp., Cleveland.]

ARCH. NEUROL. (1963) Vol. 9, 194-202.

Z - Vol. 175, #1, pp. 9-10, April 1964

Jean LAPRESLE & Monique MILHAUD:

"Lesions of the Central Nervous System After Heart Failure. Study of 10 Cases." (Lésions du système nerveux central après arrêt circulatoire. Etude de 10 cas.) [Lab. Neuropath., Neurol. Clin., La Salpêtrière Hosp., Paris.]

PRESSE MÉD. (1962) Vol. 70, pp. 429-432.

Z - Vol. 170, #1, pp. 19-20, April 1963

Börje LARSSON, Lars LEKSELL, Bror REXED & Patrick SOURANDER:

"Effect of High-Energy Protons on the Spinal Cord." [Gustaf Werner Inst. Nuclear Chem. & Inst. Anat., Univ. of Uppsala.]

ACTA RADIOLOGICA. (1959) Vol. 51, pp. 52-64.

A. LASANSKY:

"Morphological Bases for a Nursing Role of Glia in the Toad Retina."

J. BIOPHYS. BIOCHEM. CYTOL. (1961) Vol. 11, p. 237.

Nils Johan LAVIK:

"Diffuse Cerebral Sclerosis."

NORD. MED. (1962) Vol. 67, pp. 777-779, with English Summary. [Swedish]

Z - Vol. 169, #2, p. 189, Feb. 1963

A. LECHI, V. DALLA ROSA & V. MICHELETTI:

"Chronic Progressive Subcortical Encephalopathy (Binswanger Disease). Discussion and Evaluation of an Anatomicoclinical Case." (Sulla encefalopatia sottocorticale cronica progressive (malattia di Binswanger). Discussione ed inquadramento, a proposito di un caso anatomico-clinico.) [Clin. Nerv. & Ment. Dis., Univ. of Parma; Prov. Psychiat. Hosp., Castiglione delle Stiviere.]

SIST. NERV. (1963) Vol. 15, pp. 1-20.

Z - Vol. 174, #3, pp. 245-246, March 1964

J. LECOMTE:

"The Allergic Pathogenesis of Multiple Sclerosis." (Sur la pathogénie allergique de la sclérose en plaques.) [Léon Fredericq Inst., Univ. of Liège.]

ACTA NEUROL. BELG. (1959) Vol. 59, pp. 732-746.

Z - Vol. 155, #2, p. 190, April 1960

Joseph Ching-Yuen LEE:

"Electron Microscopy of Wallerian Degeneration." [Dept.
of Anat., Univ. of Saskatchewan, Saskatoon.]
J. COMP. NEUROL. (1963) Vol. 120, pp. 65-79.

Z - Vol. 173, #1, p. 6, Nov. 1963

W. LEHMANN & G. GEBELT:

"Contribution to the Problem of Specific Changes in the
Brain in Primidon Intoxication." (Beitrag zur Frage
spezifischer Hirnveränderungen bei Primidonintoxika-
tion.) [Brain Res. Inst., Neurol. Psychiat. Clin.,
Univ. of Leipzig.]
PSYCHIAT. NEUROL. MED. PSYCHOL. (Leipzig). (1963) Vol.
15, pp. 155-158.

Z - Vol. 174, #1, p. 7, Jan. 1964

T. LEHOCZKY, M. HALASY-LEHOCZKY & E. MOLNAR:

"Changes in the Nervous System During Animal Experiments,
Carried Out with the Serum and CSF from Patients
Suffering from Multiple Sclerosis." (Les altera-
tions du système nerveux dans les essais sur animaux,
faits avec le serum et le liquide des sujets atteints
de sclérose en plaques.) [Neurol. Sect., Istvan
Municipal Hosp.; & Virol. Sect., Hungarian Nat. Inst.
of Public Health, Budapest.]
ACTA NEUROPSYCHIAT. (Istanbul). (1961) pp. 399-419.

Z - Vol. 168, #2, p. 116, Nov. 1962

W. LENZ:

"The Significance of Genetics for the Cerebral Anomalies of Childhood." (Die Bedeutung der Genetik für die zerebralen Anomalien des Kindesalters.)

WIEN. MED. WSCHR. (1960) Vol. 110, pp. 1004-1012.

Z - Vol. 162, #2, p. 128, Aug. 1961

A. L. LEONOVITCH:

"Differential Diagnosis of Various Demyelinating Diseases." (Le diagnostic différentiel de certaines affections démyélinisantes.)

Ž. NEVROPAT. PSICHIAT. (1963) Vol. 63, pp. 339-345, with French Summary. [Russian]

Z - Vol. 174, #1, p. 81, Jan. 1964

V. I. LERMAN:

"Cerebral Blood Circulation in Intracranial Hypertension and Edema."

VOP. NEYROCHIR. (1960) Vol. 24, #6, pp. 24-29, with English Summary. [Russian]

Z - Vol. 163, #1, p. 91, Oct. 1961

N. LETTI:

"Neuroglia of the Medulla of the Turtles Phrynops Hilarii and Chrysemis d'Orbigny."

ARQ. INST. ANTA (1960-1961) Vol. 4, p. 59.

Max LEVIN:

"The Mind-Brain Problem and Hughlings Jackson's Doctrine of Concomitance." [Depts. of Neurol. & Neurosurg., New York Med. Coll., Flower-and-Fifth-Ave. Hosp., New York.]

AMER. J. PSYCHIAT. (1960) Vol. 116, pp. 718-722.

Z - Vol. 158, #1, p. 12, Oct. 1960

Max LEVIN:

"The Levels of the Nervous System and Their Capacity to Function Independently of Each Other." [Depts. of Neurol. & Neurosurg., New York Med. Coll., Flower-and-Fifth-Avenue Hosp., New York]

J. NERV. MENT. DIS. (1961) Vol. 132, pp. 75-79.

Z - Vol. 164, #1, p. 6, Dec. 1961

Seymour LEVINE & Eugene J. WENK:

"Effect of Induced Localization on Incidence and Distribution of Experimental Allergic Encephalomyelitis." [Dept. of Path., St. Francis Hosp., Jersey City.]

NEUROLOGY. (1960) Vol. 10, pp. 1090-1095.

Z - Vol. 162, #2, pp. 165-166, Aug. 1961

L. B. LEVINSON, S. M. KOLOMINA & M. E. KUDRIASHOVA:

"Comparative and Functional Cytochemistry of Vitamin C in Nerve Cells."

ARKH. ANAT. (1963) Vol. 44, p. 10.

F. LHERMITTE, D. FRITEL, J. CAMBIER, R. MARTEAU,
J.-C. GAUTIER & F. NOCTON:

"Polyneuritis in the Course of Nitrofurantoin Treatments."
(Polynevrites au cours de traitements par la nitro-
furantoïne.)

PRESSE MÉD. (1963) Vol. 71, pp. 767-770.

Z - Vol. 176, #3, p. 334, March 1964

F. LHERMITTE & J.-C. GAUTIER:

"Alterations in the Nervous System in Multiple Sclerosis."
(Les altérations du système nerveux de la sclérose
en plaques.)

REV. PRAT. (Paris). (1962) Vol. 12, pp. 457-468.

Z - Vol. 167, #3, p. 305, Sept. 1962

F. LHERMITTE & J.-C. GAUTIER:

"Nosologic Status of Multiple Sclerosis." (Situation
nosologique de la sclérose en plaques.)

REV. PRAT. (Paris). (1962) Vol. 12, pp. 491-496.

Z - Vol. 168, #2, p. 179, Nov. 1962

G. LIEBALDT:

"Genesis and Significance of Intramedullary Teratomas."
(Zur Genese und Deutung intramedullärer Teratome.)
[Korbinian-Brodmann-House, Univ. Inst. of Brain
Res., Tübingen.]

DTSCH. Z. NERVENHEILK. (1963) Vol. 185, pp. 557-564.

Z - Vol. 176, #1, pp. 4-5, June 1964

Mikael F. LIISBERG:

"Nissl Staining at a pH Lower than 2. A Nucleic Acid Staining." [Dept. of Anat., Univ. of Aarhus.]
ACTA ANAT. (Basel). (1962) Vol. 49, Suppl. 44, pp. 11-115 [several sections included].

Z - Vol. 169, #3, pp. 229-230, March 1963

Martin LINDGREN:

"On Tolerance of Brain Tissue and Sensitivity of Brain Tumours to Irradiation." [Depts. of Radiotherapy & Path., Univ. Hosp., Lund.]
ACTA RADIOL. (Stockholm). (1958) Vol. 170, Suppl., pp. 5-73.

Z - Vol. 156, #1, pp. 52-53, May 1960

Leo E. LIPETZ:

"Glial Control of Neuronal Activity." (Inst. for Research in Vision, Ohio State U., Columbus.)
IEEE TRANS. ON MILITARY ELECTRONICS. (1963) Vol. MIL-7, No. 2 & 3, pp. 144-55.

O. C. LLOYD & H. URICH:

"Acute Disseminated Demyelination of the Brain, Associated with Lymphosarcoma." [Burden Neuropath. Lab., Frenchay Hosp., Bristol, Eng.]
LANCET. (1959) II, pp. 529-530.

Z - vol. 155, #3, p. 253, May 1960

H. J. LÖBLICH & M. KNEZEVIC:

"Electron Microscopic Studies After Acute Injury of the Hypophysial-Midbrain System. Part II. Changes in the Hypophysis and the Midbrain of the Rat Following Mercuric Chloride Poisoning." (Elektronenmikroskopische Untersuchungen nach akuter Schädigung des Hypophysen Zwischenhirnsystems. II. Die Veränderungen der Hypophyse und des Zwischenhirns der Ratte nach Sublimatvergiftung.) [Path. Inst., Univ. of Munich.]

BEITR. PATH. ANAT. (1960) Vol. 123, pp. 444-452.

Z - Vol. 164, #1, p. 3, Dec. 1961

Simeon LOCKE & Elwood HENNEMAN:

"Fractionation of Motor Units by Curare." [Dept. of Physiol., Harvard Medical School, Boston.]
EXP. NEUROL. (1960) Vol. 2, pp. 638-651.

Z - Vol. 169, #3, pp. 232-233, March 1963

F. LÖFGREN:

"Hypothalamus-Adenohypophysis, a Hodologic Study. Part I." (Hypothalamus-Adenohypophyse, eine hodologische Studie. I.) [Anat. Inst., Univ. of Lund.]
ACTA NEUROVEG. (Vienna). (1960) Vol. 21, pp. 395-405.

Z - Vol. 160, #2, p. 117, April 1961

F. LÖFGREN:

"The Glial-Vascular Apparatus in the Floor of the Infundibular Cavity. Further Studies on the Transport Mechanism Between the Hypothalamus and the Anterior Pituitary."
LUNDS UNIV. ARSKR. N. F. (1961) Vol. 57, p. 30.

Aagot Christie LÖKEN & Odd HÖRSDAL:

"Progressive Degenerative Encephalopathy of Unusual Type. A Clinicopathological Study of a Case Characterized by Widespread Cortical Atrophy and by Spongy Degeneration in the White Matter and Basal Ganglia."
[Inst. Path. Anat., & Dept. Neurol., Univ. of Oslo.]

Z - Vol. 169, #1, p. 88, Jan. 1963

R. Gordon LONG, John S. O'CONNOR & Lawrence F. JELSMA:
"Studies on Glioma Immunity in the Mouse." [Div. of Neurol. Surg., Johns Hopkins Univ. Med. School, Baltimore.]
ARCH. NEUROL. (1962) Vol. 7, pp. 538-544.

Z - Vol. 176, #1, p. 15, June 1964

A. LÖWENTHAL:

"Composition of the Brain with Respect to Several Mineral Elements, with Evaluation of Their Significance in Pathology." (Composition du cerveau en certains éléments minéraux et essai sur leur signification en pathologie.) [Neurol. Serv., Neuropath. & Neurochem. Lab., Bunge Inst.; Biochem. Serv., Univ. of Brussels.]
ACTA NEUROL. BELG. (1959) Vol. 59, pp. 1161-1257.

Z - vol. 161, #3, p. 254, July 1961

A. LÖWENTHAL:

"New Findings in Electrophoretic Studies of the Cerebrospinal Fluid in the Demyelinating Diseases of Man and Animals." (Acquisitions nouvelles par l'étude électrophorétique du liquide céphalorachidien dans les affections démyélinisantes de l'homme et de l'animal.)

[Lab. Neurochem., Neurol. Serv., Bunge Inst., Antwerp-Berchem.]

ACTA NEUROL. BELG. (1962) Vol. 62, pp. 875-883.

Z - Vol. 174, #3, pp. 266-267, Mar. 1964.

A. LÖWENTHAL, M. VAN SANDE & D. KARCHER:

"Increase in the Dehydrogenase Content of the Lactic Acid and Malic Acid in the White Matter in Demyelinating Diseases." (Augmentation de la teneur en déhydrogénase de l'acide lactique et de l'acide malique de la substance blanche dans les affections démyélinisantes.) [Neurochem. Lab., Neurol. Serv., Bunge Inst., Antwerp-Berchem.]

ACTA NEUROL. BELG. (1961) Vol. 61, pp. 395-396.

Z - Vol. 167, #2, pp. 118-119, Aug. 1962

L. LUBINSKA:

"Sedentary and Migratory States of Schwann Cells."

EXP. CELL RES. (1961) Vol. 8, p. 74.

J. F. LUCEY, E. HIBBARD, R. E. BEHRMAN, F. O.
ESQUIVEL de GALLARDO & W. F. WINDLE:
"Kernicterus in Asphyxiated Newborn Rhesus Monkeys."
[Univ. of Puerto Rico School of Med., San Juan.]
EXP. NEUROL. (1964) Vol. 9, pp. 43-58.

Z - Vol. 177, #1, p. 10, Sept. 1964

H. LUGINBÜHL:
"Tumors of the Central Nervous System in Animals."
(Geschwülste des Zentralnervensystems bei Tieren.)
[Div. Comp. Neurol., Vet. Ambul. Clin., Univ. of
Berne.]
ACTA NEUROPATH. (Berlin). (1962) Supp., 1, pp. 9-18.
(4th Int. Congr. Neuropath., Munich, Sept. 4-8, 1961.)

Z - vol. 172, #2, p. 160, Oct. 1963

Charles E. LUMSDEN:
"Histological and Histochemical Aspects of Normal Neuroglia Cells," pp. 162-175 in Biology of Neuroglia,
edited by Wm. F. Windle. Charles C Thomas, Springfield,
1958.

C. E. LUMSDEN:
"Consideration of Multiple Sclerosis in Relation to the
Auto-Immunity Process. Symposium."
PROC. ROYAL SOC. MED. (London). (1961) Vol. 54, pp.
11-15.
(Meeting October 7, 1960.)

Z - Vol. 162, #1, p. 72, July 1961

C. E. LUMSDEN:

"Tissue Culture in Relation to Tumours of the Nervous System," Ch. 14 in The Pathology of Tumours of the Nervous System, by Dorothy S. Russell and Lucien J. Rubinstein. 2nd Ed., Williams & Wilkins, Baltimore, 1963.

Sarah A. LUSE:

"Electron Microscopic Studies of Brain Tumors." [Depts. of Path. & Anat., & Beaumont-May Inst. of Neurol., Washington Univ. School of Med., St. Louis.]
NEUROLOGY. (1960) Vol. 10, pp. 881-905.

Z - Vol. 163, #2, p. 143, Nov. 1961

Sarah A. LUSE:

"The Ultrastructure of Normal and Abnormal Oligodendroglia."
ANAT. REC. (1960) Vol. 138, p. 461.

Sarah A. LUSE:

"Ultrastructure of the Brain and Its Relation to Transport of Metabolites." [Depts. of Path. & Anat., & Beaumont-May Inst. of Neurol., Washington Univ. School of Med., St. Louis.]

RES. PUBL. ASS. NERV. MENT. DIS. (1962) Vol. 40, pp. 1-26.

(New York Meeting, Dec. 9-10, 1960.)

Z - Vol. 173, #1, p. 21, Nov. 1963

Sarah A. LUSE:

"An Electron Microscopic Study of Normal Optic Nerve and of an Optic-Nerve Glioma." [Depts. of Path. & Anat. & Beaumont-May Inst. of Neurol., Washington Univ. School of Med., St. Louis.]

J. NEUROSURG. (1961) Vol. 18, pp. 466-478.

Z - Vol. 165, #2, pp. 105-106, March 1962

Sarah A. LUSE & Basil HARRIS:

"Electron Microscopy of the Brain in Experimental Edema." [Depts. of Path., Anat. & Neurosurg., & Beaumont-May Inst. of Neurol., Washington Univ. Sch. of Med., St. Louis.]

J. NEUROSURG. (1960) Vol. 17, pp. 439-446.

Z - Vol. 160, #1, p. 5, Mar. 1961

Sarah A. LUSE & Basil HARRIS:

"Brain Ultrastructure in Hydration and Dehydration." [Depts. of Path., Anat. & Neurosurg., & Beaumont-May Inst. of Neurol., Washington Univ. Sch. of Med., St. Louis.]

ARCH. NEUROL. (1961) Vol. 4, pp. 139-152.

Z - vol. 164, #3, pp. 204-205, Feb. 1962

F. LÜTHY & A. BISCHOFF:

"Merzbacher-Pelizaeus Disease. Its Classification Among the Leucodystrophies, Because of Three Separate Familial Cases." (Die Pelizaeus-Merzbachersche Krankheit. Ihre Zuordnung zu den Leucodystrophien, an Hand von drei eigenen familiären Fällen.) [Res. Div., Neurol. Clin., Univ. of Zurich.]

ACTA NEUROPATH. (Berlin). (1961) Vol. 1, pp. 113-134.

Z - Vol. 165, #3, p. 301, Apr. 1962

V. K. LUTSENKO & M. Sh. PROMYSLOV:

"A Study Into the Nucleic Acids Content in Glial Brain Tumors of Man."

VOP. NEYROCHIR. (1962) #4, pp. 56-58. [Russian]

Z - Vol. 171, #1, p. 9, June 1963

G. LYON, M. ARTHUIS & S. THIEFFRY:

"Familial Metachromatic Infantile Leucodystrophy. Study of Two Cases, with Anatomical and Chemical Investigation of One Case." (Leucodystrophie métachromatique infantile familiale. Etude de deux observations, dont une avec examen anatomique et chimique.) [Children's Hosp., Paris.]

REV. NEUROL. (1961) Vol. 104, pp. 508-532.

Z - Vol. 167, #2, p. 184, Aug. 1962

G. LYON & G. SÉE:

"Neuroaxonal Infantile Degeneration (Seitelberger's Disease). Anatomical Study of a Case." (La dégénérescence neuro-axonale infantile (maladie de Seitelberger). Etude anatomique d'une observation.) [Children's Hosp.;Pediat. Serv., St.-Denis Hosp., Paris.]

REV. NEUROL. (1963) Vol. 109, pp. 133-155.

Z - vol. 176, #2, pp. 105-106, July 1964

M

Giorgio MACCHI:

"Pathogenetic and Nosographic Problems of Multiple Sclerosis, with Reference to the Other Demyelinating Diseases." (Problemi etiopatogenetici e nosografici della sclerosi a placche, in rapporto alle altre malattie demielinizzanti.) [Clin. Nerv. & Ment. Dis., Univ. of Parma.]

RIV. NEUROBIOL. (1959) Vol. 5, pp. 1013-1052.

Z - Vol. 158, #2, p. 204, Nov. 1960

Giorgio MACCHI:

"Anatomo-Pathologic Lesions of the Experimental Demyelinating Diseases. Present Status of the Problem." (Les lésions anatomopathologiques des affections démyélinisantes expérimentales. Etat actuel de la question.) [Clin. Nerv. & Ment. Dis., Univ. of Parma.]

ACTA PAEDIAT. BELG. (1962) Vol. 62, pp. 957-967.

Z - Vol. 173, #1, p. 6, Nov. 1963

Giorgio MACCHI, V. DALLA ROSA & A. LECHI:
"Disseminated Encephalomyelitis and Multiple Sclerosis.
New Point of View Regarding a Case of Subacute
Multiple Sclerosis." (Encefalomyelite disseminata
e sclerosi a placche. Nuovo commento, a proposito
di un caso di sclerosi a placche subacuta.) [Clin.
Nerv. & Ment. Dis., Univ. of Parma.]
SIST. NERV. (1963) Vol. 15, pp. 94-116.

Z - Vol. 174, #3, p. 325, Mar. 1964

Giorgio MACCHI, C. DE RISIO, L. VITALI-MAZZA & T.
CAMPANINI:
"A Diffuse Sclerosis in the Presenile State: Its Rela-
tion to the Atypical Form of Alzheimer's Disease."
(Su di una sclerosi diffusa dell'età presenile: suoi
rapporti con le forme atipiche della malattia di
Alzheimer.) [Clin. Nerv. & Ment. Dis., & Inst. Anat.
& Path. Histol., Univ. of Parma.]
RIV. NEUROBIOL. (1960) Vol. 6, pp. 3-33.

Z - Vol. 161, #2, p. 184, June 1961

Giorgio MACCHI, F. FOSCHI & R. BRIZZI:
"Subacute Encephalopathy of the Pre-Senility Period, with
Dyskinesias and Mental Disturbances." (Sur une en-
céphalopathie subaiguë de l'âge présénile avec dys-
cinésies et troubles mentaux.) [Clin. Nerv. & Ment.
Dis., Univ. of Parma.]
ACTA NEUROL. BELG. (1961) Vol. 61, pp. 989-1002.

Z - Vol. 169, #3, pp. 226-227, March 1963

Ian MACLEOD, Alan R. RIDLEY, Catherine SMITH & E. J. FIELD:

"Failure to Demonstrate Circulating Antibody to Alcoholic Brain Extracts in Multiple Sclerosis." [Dept. of Path., Royal Victoria Infirm. & King's Coll., Newcastle-upon-Tyne.]

BRIT. MED. J. (1962) I, pp.1525-1527.

Z - Vol. 169, #3, p. 240, Mar. 1963

M. J. MADONICK, J. H. SHAPIRO & R. M. TORACK:

"Multiple Diverse Primary Brain Tumors. Report of a Case With Review of Literature." [Div. of Neurol., Diagn. Radiol. & Lab., Montefiore Hosp.; Dept. of Neurol., Coll. of Physicians & Surgeons, Columbia Univ.; & Dept. of Radiol., New York Univ. School of Med., New York.]

NEUROLOGY. (1961) Vol. 11, pp. 430-436.

Z - Vol. 165, #1, pp. 76-77, Feb. 1962

S. MAEDA, S. KONDO, A. MUKAI, S. HAMADA & T. ISHII:

"An Autopsy Case of Acute Demyelinating Encephalitis With Unilateral Diencephalic Lesions." [Dept. Neuropsychiat., Tohoku Univ. School of Med., Sendai; Matsuzawa Metropol. Ment. Hosp., Tokyo.]

PSYCHIAT. NEUROL. JAP. (1962) Vol. 64, pp. 1199-1215, & Abstr. 99-100. [Japanese]

Z - Vol. 173, #2, p. 193, Dec. 1963

V. F. MAIOROVA:

"Changes in the Neurosecretory System Following Roentgen Irradiation."

PROBL. ENDOKR. GORMONOTER. (1963) Vol. 9, p. 26.

F. MAILOT:

"Anatomical Study of a Cryptococcus Meningoencephalitis in Negroes." (Etude anatomique d'une méningo-encéphalite à Torula chez le Noir.) [Lab. of Neuro-path., Bunge Inst., Antwerp-Berchem.]

ACTA NEUROL. BELG. (1963) Vol. 63, pp. 235-240.

Z - Vol. 175, #1, pp. 5-6, Apr. 1964

Zofia MAJEWSKA, Jolanta LEHMANOVA, Jan PIELOWSKI, Tadeusz JANIKOWSKI & Henryk WISNIEWSKI:

"Brain Tumors in Nursing Infants and Small Children." (Tumeurs du cerveau chez les nourrissons et les petits enfants.)

NEUROL. NEUROCHIR. PSYCHIAT. POL. (1962) Vol. 12, pp. 7-14, with French Summary. [Polish]

Z - Vol. 171, #1, p. 71, June 1963

Guido MAJNO & Manfred L. KARNOVSKY:

"A Biochemical and Morphologic Study of Myelination and Demyelination. Part III. Effect of an Organophosphorus Compound (Mipafox) on the Biosynthesis of Lipid by Nervous Tissue of Rats and Hens." [Dept. of Path., Dept. of Biol. Chem., & Biophys. Lab., Harvard Medical School, Boston.]

J. NEUROCHEM. (1961) Vol. 8, pp. 1-6.

Z - Vol. 174, #2, p. 135, Feb. 1964

A. F. MAKARTCHENKO, A. D. DINABOURG, M. N. PASTERNAK &
A. V. MELNITCHENKO:
"Experimental Allergic Encephalomyeloradiculitis." (L'en-
céphalomyéloradiculite allergique expérimentale.)
Ž. NEVROPAT. PSICHIAT. (1962) Vol. 62, pp. 361-366, with
French Summary. [Russian]

Z - vol. 168, #3, p. 313, Dec. 1962

Nathan MALAMUD:

"Sequelae of Perinatal Trauma." [Langley Porter Neuro-
psychiat. Inst., Univ. of California Med. Center,
San Francisco.]

J. NEUROPATH. EXP. NEUROL. (1959) Vol. 18, pp. 141-155.

Z - Vol. 156, #1, pp. 76-77, May 1960

V. MALÍK:

"A Simple Modification of Cajal's Method for Demonstration
of Astrocytes for Material Fixed with Formaldehyde."
SBORNÍK LÉKAŘSKÝ (1960) Vol. 62, p. 260.

V. MALÍK:

"Impregnation of Astrocytes in Frozen Sections Glued to
Slides."
SBORNÍK LÉK. (1961) Vol. 63, p. 291.

T. MALMFORS:

"Electron Microscopic Description of the Glial Cells in the Nervus Opticus in Mice."

J. ULTRASTRUCT. RES. (1963) Vol. 8, p. 193.

H. MAMO:

"Physiological Bases of Memory." (Bases physiologiques de la mémoire.)

PRESSE MÉD. (1962) Vol. 70, pp. 2508-2510.

Z - Vol. 171, #2, p. 103, July 1963

Emilio MANCINI:

"Histological Changes Induced Experimentally by Means of N-(γ -Dimethylpropylamine)-Dibenzylimino-Hydrochloride." (Le alterazioni istologiche sperimentali provocate con il cloridrato N-(γ -dimetil-amino-propil)-iminodibenzile.) [Neuropsychiat. Prov. Hosp., Ancona.]

NOTE PSICHIAT. (Pesaro). (1962) Vol. 53, pp. 33-47.

Z - Vol. 174, #2, p. 121, Feb. 1964

H. P. MANSBERG & J. M. SEGARRA:

"Counting of Neurons by Flying Spot Microscope." [Dept. of Med. & Biol. Physics, Airborne Instruments Lab., Div. of Cutler-Hammer, Inc., Deer Park, N. Y.; VA Hosp., Boston, Mass.]

ANN. N. Y. ACAD. SCI. (1962) Vol. 99, pp. 309-322.

Z - Vol. 171, #2, p. 101, July 1963

Y. MANUEL, J. de ROUGEMONT & R. CREYSSEL:

"Consideration of the Protein Composition of Subdural Effusions." (Considérations sur la composition protidique des épanchements sous-duraux.) [B. Surg. Clin. & Ophth. Clin., Lyons.]

NEURO-CHIRURGIE. (Paris). (1961) Vol. 7, pp. 314-320.

Z - vol. 168, #2, p. 115, Nov. 1962

V. T. MARCHESI & Russell J. BARNETT:

"The Demonstration of Enzymatic Activity in Pinocytic Vesicles of Blood Capillaries with the Electron Microscope."

J. CELL BIOL. (1963) Vol. 17, p. 547.

V. T. MARCHESI & Russell J. BARNETT:

"The Localization of Nucleoside Phosphatase Activity in Different Types of Small Blood Vessels."

J. ULTRASTRUCT. RES. (1963) Vol. 10, p. 103.

V. T. MARCHESI, M. V. SEARS & Russell J. BARNETT:

"Electron Microscopic Studies of Nucleoside Phosphatase Activity in Blood Vessels and Glia of the Retina."

INVEST. OPHTHAL. (1964) Vol. 3, p. 1.

R. U. MARGOLIS, S. S. BARKULIS & A. GEIGER:

"Comparison Between the Incorporation of C¹⁴ from Glucose into N-Acetyl-L-Aspartic Acid and Aspartic Acid in Brain Perfusion Experiments." [Dept. of Psychiat., Univ. of Illinois Coll. of Med., Chicago.]

J. NEUROCHEM. (1960) Vol. 5, pp. 379-382.

Z - Vol. 161, #1, p. 50, May 1961

T. MAROS, M. M. FORIKA & N. CSIKY:

"Effects of X-Rays on the Compensatory Phenomena of the Neuroglia in Aseptic Cerebral Wounds."

REV. SCI. MED. (Bucharest). (1963) Vol. 8, p. 47.

D. MASCHITZKE:

"Experimental Studies on the Regeneration of the Spinal Cord of Amblystoma Mexicanum, Following Double Transection." (Experimentelle Untersuchungen über die Regeneration des doppelt durchtrennten Rückenmarkes von Amblystoma mexicanum.) [Anat. Inst., Humboldt Univ., Berlin.]

Z. MIKR.-ANAT. FORSCH. (1959) Vol. 65, pp. 59-97.

Z - Vol. 154, #2, p. 111, Feb. 1960.

P. MASSON:

"A Neuroglial and Subcutaneous Nephroid Ectopia of the Lumbo-Sacral Region."

ANN. ANAT. PATH. (Paris). (1959) Vol. 4, Supp., p. 379.

Robert MATHEWSON, Alan WACHTEL & Harry GRUNDFEST:
"Fine Structure of Electroplaques," pp. 25-53 in Bioelec-
trogenesis, edited by C. Chagas & A. P. De Carvalho.
Elsevier, Amsterdam, 1961.

Gordon MATHIESON & Jerzy OLSZEWSKI:
"Central Pontine Myelinolysis, with Other Cerebral
Changes. A Report of Two Cases." [Montreal Neurol.
Inst., Depts. of Neurol. & Neurosurg.; Dept. of
Path., McGill Univ., Montreal; Lab. of Exp. Neuro-
path., Dept. of Path., Univ. of Saskatchewan,
Saskatoon.]
NEUROLOGY. (1960) Vol. 10, pp. 345-354.

Z - Vol. 158, #2, pp. 204-205, Nov. 1960

M. R. MATTHEWS:
"Further Observations on Transneuronal Degeneration in
the Lateral Geniculate Nucleus of the Macaque Monkey."
J. ANAT. (1964) Vol. 98, pp. 255-264.

Luiz C. MATTOSINHO FRANCA & Alvan G. FORAKER:
"Interferometric Study of Astrocytes in Gliosis and
Astrocytoma." [Res. Lab., Baptist Memorial Hosp.,
Jacksonville, Fla.]
ARCH. NEUROL. (1960) Vol. 3, pp. 416-419.
(Meeting of Histochem. Soc., New York, Apr. 10, 1960.)

Z - Vol. 162, #2, p. 99, Aug. 1961

A. MATTYUS & C. JOBST:

"Histopathology and Histochemistry of Hurler-Pfaundler Disease (Gargoylism)." (Zur Histopathologie und Histochemie der Hurler-Pfaunderschen Krankheit (Gargoylismus).) [Univ. Neurol.-Psychiat. Clin., & Univ. Path. Anat. Inst., Pest.]

ARCH. PSYCHIAT. NERVENKR. (1959) Vol. 198, pp. 317-330.

Z - vol. 153, #1, p. 32, Dec. 1959

B. McARDLE, R. H. S. THOMPSON & F. R. WEBSTER:

"The Action of Lysolecithin and of Snake Venom on Whole-Cell Preparations of Brain, Muscle and Liver." [Dept. of Chem. Path., Guy's Hosp. Med. School, London.]

J. NEUROCHEM. (1960) Vol. 5, pp. 135-144.

Z - Vol. 159, #2, p. 127, Dec. 1960

B. McARDLE & K. J. ZILKHA:

"The Phospholipid Composition of Cerebrospinal Fluid in Neurological Disorders." [Dept. of Chem. Path., Guy's Hosp., & Nat. Hosp., London.]

BRAIN. (1962) Vol. 85, pp. 389-402.

Z - Vol. 172, #1, p. 15, Sept. 1963

Richard E. McCAMEN:

"Lipid Metabolism of Isolated Peripheral Nerves and Central White Tracts as Related to Maintenance and Destruction of Myelin Sheaths." [Inst. of Psychiat. Res., Indiana Univ. School of Med., Indianapolis.]
RES. PUBL. ASS. NERV. MENT. DIS. (1962) Vol. 40, pp. 169-181.
(New York Meeting, Dec. 9-10, 1960.)

Z - Vol. 173, #3, pp. 221-222, Jan. 1964

William T. E. McCAUGHEY:

"The Pathologic Spectrum of Huntington's Chorea." [Sect. of Path. Anat., Mayo Clin., Rochester, Minn.]
J. NERV. MENT. DIS. (1961) Vol. 133, pp. 91-103.

Z - Vol. 169, #3, p. 228, March 1963

W. Ian McDONALD:

"Cortical Cerebellar Degeneration with Ovarian Carcinoma." [Dept. of Physiol., Univ. of Otago Med. School, Dunedin, New Zealand.]
NEUROLOGY. (1961) Vol. 11, pp. 328-334.

Z - Vol. 165, #2, p. 199, March 1962

W. Ian McDONALD

"Conduction in Muscle Afferent Fibres During Experimental Demyelination in Cat Nerve." [Dept. of Physiol., Univ. of Otago Med. School, Dunedin, New Zealand.]
ACTA NEUROPATH. (Berlin). (1962) Vol. 1, pp. 425-432.

Z - Vol. 169, #3, p. 231, Mar. 1963

W. Ian McDONALD:

"The Effects of Experimental Demyelination on Conduction in Pheripheral Nerve: A Histological and Electro-physiological Study. Part I. Clinical and Histological Observations." [Med. Res. Counc. of New Zealand, Dept. Physiol., Univ. of Otago Med. School, Dunedin.] BRAIN. (1963) Vol. 86, 481-500.

Z - Vol. 175, #3, pp. 234-235, May 1964

W. Ian McDONALD

"The Effects of Experimental Demyelination on Conduction in Peripheral Nerve: A Histological and Electro-physiological Study. Part II. Electrophysiological Observations." [Med. Res. Council of New Zealand, Dept. Physiol., Univ. of Otago Med. School, Dunedin, New Zealand.] BRAIN. (1963) Vol. 86, pp. 501-524.

Z - Vol. 176, #1, pp. 10-11, June 1964

D. B. McDOUGAL, Jr., Elizabeth M. JONES & Ulgan I. SILA:

"Distribution of Enzymes of the Tricarboxylic Acid Cycle in White Matter." [Dept. of Pharmacol. & Beaumont-May Inst. of Neurol., Washington Univ. School of Med., St. Louis.] RES. PUBL. ASS. NERV. MENT. DIS. (1962) Vol. 40, pp. 182-188.
(New York Meeting, Dec. 9-10, 1960.)

Z - Vol. 172, #4, p. 276, Nov. 1963

H. Richard McFARLAND:

"The Guillain-Barré Disease Complex. An Analysis of the Disease With Therapeutic Suggestions and Report of 26 Cases." [Psychiat. & Neurol. Serv., VA Hosp., Oakland, Calif.]

CALIF. MED. (1960) Vol. 93, pp. 141-147.

Z - Vol. 161, #1, p. 59, May 1961

Edith G. McGEER & Bluma TISCHLER:

"Vitamin B₆ and Mental Deficiency. The Effects of Large Doses of B₆ (Pyridoxine) in Phenylketonuria." Woodlands School, New Westminster, Brit. Columbia; Dept. of Neurol. Res., Univ. of Brit. Columbia, Vancouver.

CANAD. J. BIOCHEM. (1959) Vol. 37, pp. 485-491.

Z - Vol. 155, #3, p. 259, May 1960

Turner McLARDY:

"Thalamic Microneurons." [Lab., St. Andrew's Hosp., Northampton, Eng.]

NATURE. (1963) Vol. 199, pp. 820-821.

Z - Vol. 176, #3, p. 215, Aug. 1964.

Karl MELLER:

"New Modification of the Metal Techniques for Demonstrating the Fibrous Glia in Paraffin Sections." (Eine neue Modifikation der Metallmethoden zur Darstellung der Faserglia im Paraffinschnitt.) [Div. Gen. Neurol., Max-Planck-Inst. Brain Res., Cologne-Merheim.]

ZBL. NEUROCHIR. (1962) Vol. 22, pp. 345-348.

Z - Vol. 170, #2, p. 85, May 1963

F. T. MÉREI:

"Pathological Changes in the Central Nervous System with Hyponatremia." (Über die pathologischen Veränderungen des Zentralnervensystems bei Hyponatremie.) [Neurol. Psychiat. Clin., Univ. of Pécs.]

DTSCH. Z. NERVENHEILK. (1960) Vol. 181, pp. 174-182.

Z - Vol. 160, #1, p. 91, Mar. 1961

J. METUZALS:

"Ultrastructure of Ranvier's Node in Central Fibers, Analyzed in Serial Sections."

[Dept. of Anat., Karolinska Inst., Stockholm, & Zool. Lab., State Univ. of Groningen, Netherlands.]

Leaflet #N-9, in FIFTH INT. CONGR. ELECTRON MICROSCOPY, publ. by Academic Press, New York (1962). [See also same author in PROC. EUR. REG. CONF. ON ELECTRON MICROSCOPY, vol. II, p. 799, Delft (1960).]

J. METUZALS:

"Ultrastructure of Myelinated Nerve Fibers in the Central Nervous System of the Frog."

J. ULTRASTRUCT. RES. (1963) Vol. 8, p. 30.

E. METZEL:

"On Familial Occurrence of Gliomas." [Neurosurg. Clin., Univ., Freiburg-im-Breisgau.]

ARCH. PSYCHIAT. NERVENKR. (1963) Vol. 204, pp. 537-555.

Peter MEYER:

"Histochemistry of the Developing Human Brain.
Part I. Alkaline Phosphatase, Acid Phosphatase,
and AS Esterase in the Cerebellum." [Cyto-
und Histochem. Lab., Dept. Anat., Neuropath.
Lab., Kommunehosp., Univ. of Copenhagen.]
ACTA NEUROL. SCAND. (1963) Vol. 39, pp. 123-138.

Z - Vol. 172, #4, p. 276, Nov. 1963

N. MIANI:

"The Relationship Between Axon and Schwann Cell.
Phospholipid Metabolism of Degenerating and
Regenerating Peroneal-Tibial Nerves of the
Rabbit in Vitro." [Dept. of Anat., Univ. of
Padua.]

J. NEUROCHEM. (1962) Vol. 9, pp. 525-536.

Z - Vol. 172, #1, pp.11-12, Sept. 1963

L. MICHAUX, Jean LAPRESLE & C. KOUPERNIK:

"Anatomicoclinical Study of an Early Subacute Encephali-
tis: Its Relation to Dawson's Inclusion Encephalitis,
Pette-Döring Panencephalomyelitis, and Van Bogaert's
Subacute Sclerosing Leucoencephalitis." (Etude ana-
tomo-clinique d'une encéphalite subaiguë primitive.
Ses rapports avec l'encéphalite à inclusion de Daw-
son, la panencéphalomyélite de Pette-Döring, le leu-
co-encéphalite sclérosante subaiguë de van Bogaert.)

PRESSE MÉD. (1959) Vol. 67, pp. 1665-1668.

(Symposium on Encephalitis Today, Antwerp, May 10-14,
1959.)

Z - vol. 155, #3, pp. 253-254, May 1960

S. M. MILENKOW:

"Morphology of the Compensatory Adaptive Reactions of the Nervous System." (Zur Morphologie der kompensatorischen Anpassungsreaktionen des Nervensystems.)

J. HIRNFORSCH. (1962) Vol. 5, pp. 377-407.

Z - Vol. 173, #3, pp. 219-220, Jan. 1964

Francesco Ferro MILONE & Gianfranco FASSINA:

"Cerebral Edema in Neurosurgery. Physiological and Pharmacological Aspects." (L'edema cerebrale in neurochirurgia. Aspetti fisiopatologici e farmacologici.) [Clin. Nerv. & Ment. Dis.; Inst. Path. Surg., Univ. of Siena.]

RIV. NEUROBIOL. (1960) Vol. 6, pp. 481-519.

Z - vol. 162, #3, p. 253, Sept. 1961

G. MITARAI (Nagoya) & Gunnar SVAETICHIN (Caracas):

Paper given at the United States-Japan Symposium on NEUROPHYSIOLOGY, Tokyo, March 5-10, 1964.

[Identifying different types of s-potentials of fish with different types of glia, etc.]

See Theodore H. BULLOCK:

"United States-Japan Neurophysiology Symposium."

NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964)

Vol. 2, #3, p. 148.

Taiei MIURA, Kenichi TAKEMASA, Haruo MATSUYAMA & Itaru
WATANABE:

"An Autopsy Case of Multiple Sclerosis. A Special Reference to Classification of Demyelinating Diseases."
[Dept. Neuropsychiat. & Dept. Path., Keio Univ. School of Med., Tokyo.]
PSYCHIAT. NEUROL. JAP. (1963) Vol. 65, pp. 324-340 &
Abstr. 19-20. [Japanese]

Z - Vol. 176, #2, p. 105, July 1964

Tage MOLLER:

"The Pathogenesis of Central Nervous System Changes in Canine Toxoplasmosis." [Depts. of Gen. Path. & Path. Anat., Royal Vet. & Agric. Coll., Copenhagen.]
ACTA NEUROPATH. (Berlin). (1962) Vol. 1, Supp., pp. 26-32.
(4th Int. Congr. Neuropath., Munich, Sept. 4-8, 1961.)

Z - Vol. 172, #3, pp. 235-236, Oct. 1963

A. M. MONNIER:

"Carbonic Acid, Specific Regulator of Nerve Action."
(L'Anhydride carbonique, regulateur spécifique de l'activité nerveuse.)
ARCH. INT. PHARMACODYN. (1962) Vol. 140, pp. 189-198.

Blanca R. MONTEVECHIO:

"Neuropsychiatric Syndrome in Hepatic Insufficiency (Hepato-Encephalomyelopathy). Considerations on a Case."
ACTA NEUROPSIQUIAT. ARGENT. (1960) Vol. 6, pp. 54-59.

Z - Vol. 161, #1, p. 126, May 1961

D. Kent MOREST:

"A Study of the Structure of the Area Postrema with Golgi Methods."

AMER. J. ANAT. (1960) Vol. 107, pp. 291-303.

D. Kent MOREST & J. SUTIN:

"Ascending Pathways From an Osmotically Sensitive Region of the Medulla Oblongata."

EXP. NEUROL. (1961) Vol. 4, pp. 413-23.

Frank MORRELL:

"Electrophysiological Contributions to the Neural Basis of Learning." [Dept. of Neurol., Stanford Univ. Sch. of Med., Palo Alto.]

PHYSIOL. REVS. (1961) Vol. 41, pp. 443-494.

Frank MORRELL:

"Lasting Changes in Synaptic Organization Produced by Continuous Neuronal Bombardment," pp. 375-391 in CIOMS Symposium on Brain Mechanisms and Learning, edited by J. F. Delafresnaye, A. Fessard, R. W. Gerard & J. Konorski. Blackwell Scientific Publications, Oxford, 1961.

Frank MORRELL:

"Electrochemical Mechanisms and Information Storage in Nerve Cells," pp. 73-79 in Macromolecular Specificity and Biological Memory, edited by Francis O. Schmitt. The M.I.T. Press, Cambridge, 1962.

Mirosław J. MOSSAKOWSKI:

"The Activity of Succinic Dehydrogenase in Glial Tumors."

[Depts. of Neurol. & Neurosurg., McGill Univ., &
Montreal Neurol. Inst.]

J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 137-146.

Z - Vol. 170, #1, p. 20, April 1963

Mirosław J. MOSSAKOWSKI:

"Succinic Dehydrogenase in the Reactive Glia."

ACTA NEUROL. SCAND. (1962) Vol. 38, Supp. 1, p. 66.

Mirosław J. MOSSAKOWSKI:

"The Activity of Succinic Dehydrogenase in the Reactive
Glia."

ACTA NEUROPATH. (Berlin). (1963) Vol. 2/3, p. 282.

R. T. MOURADIAN:

"Treatment of the Nervous System in Granosan Poisoning."

(La traitement de l'intoxication par le granosan du
système nerveux.)

Ž. NEVROPAT. PSICHIAT. (1962) Vol. 62, pp. 706-708, with
French Summary. [Russian]

Z - Vol. 169, #1, p. 84, Jan. 1963

G. MOYA:

"Familial Cases of Multiple Sclerosis. Evaluative Study of Their Significance." (Scléroses en plaques familiales. Etude critique de leur signification.) [Serv. Neurol. & Neuropath., Inst. Bunge, Antwerp-Berchem.] ACTA NEUROL. BELG. (1962) Vol. 62, pp. 40-94.

Z - Vol. 169, #3, pp. 298-299, March 1963

Enrico MUGNAINI & Fred WALBERG:

"Ultrastructure of Neuroglia." [Anat. Inst., Univ. of Bergen, & Anat. Inst., Univ. of Oslo.] REVS. ANAT., EMBRYOL. & CELL BIOL. (1964) Vol. 37, pp. 193-236.

Dieter MÜLLER:

"Intracerebral Form of Lipogranulomatosis." (Die intrazerebrale Form der Lipoidgranulomatose.) [Neuropath. Div., Clin. f. Psychiat. & Nervous Dis., Univ. of Göttingen.] FORTSCHR. NEUROL. PSYCHIAT. (1963) Vol. 31, pp. 225-267.

Z - Vol. 174, #3, pp. 247-248, Mar. 1964

W. MÜLLER:

"Pigmentation in Neurinoma." (Über das Pigment im Neurinom.) [Dept. of Tumor Res. & Exp. Path., Max-Planck Inst. f. Brain Res., Neurosurg. Clin., Univ. of Cologne.] DTSCH. Z. NERVENHEILK. (1962) Vol. 183, pp. 331-339.

Z - Vol. 173, #1, p. 9, Nov. 1963

W. MÜLLER & Ewa M. OJAK
"The Presence of Mitochondria in Brain Tumors." (Über
das Vorkommen von Mitochondrien in Hirntumoren.)
[Divs. Tumor Res. & Exp. Path., Max-Planck-Inst.
Brain Res.; & Neurosurg. Clin., Univ. of Cologne.]
DTSCH. Z. NERVENHEILK. (1960) Vol. 180, pp. 688-694.

Z - Vol. 161, #1, p. 43, May 1961

Carl Julius MUNCH-PETERSEN & Edith RESKE-NIELSEN:
"Polyneuropathy: Report of a Case." [Dept. Neurol. &
Neuropath. Lab., Kommunehosp., Univ. of Aarhus.]
J. NERV. MENT. DIS. (1962) Vol. 134, pp. 463-469.

Z - Vol. 169, #3, p. 246-247, Mar. 1963

Margaret R. MURRAY:
"Response of Oligodendrocytes to Serotonin," pp. 176-180
& Discussion pp. 180-190 in Biology of Neuroglia,
edited by Wm. F. Windle. Charles C Thomas, Spring-
field, 1958.

Ntinos C. MYRIANTHOPOULOS & James K. SMITH:
"Amyotrophic Lateral Sclerosis with Progressive
Dementia. And with Pathologic Findings of
the Creutzfeldt-Jakob Syndrome." [Epidemiol.
Branch, Nat. Inst. of Neurol. Dis. & Blindn.,
Nat. Inst. of Hlth., Bethesda Md.; Psychiat.
& Neurol. Serv., VA Hosp., Oakland, Calif.]
NEUROLOGY. (1962) Vol. 12, pp. 603-610.

Z - Vol. 171, #2, p. 202, July 1963

N

Mikio NAKAHARA:

"A Study on Schwann's Cells; Bioñomic Shapes and Movements of Cultivated Schwann's Cells." [Dept. of Neuropsychiat., Keio Univ. Med. School, Tokyo.]
PSYCHIAT. NEUROL. JAP. (1959) Vol. 61, pp. 919-940, & Abstr. 38. [Japanese]

Z - Vol. 155, #2, p. 116, April 1960

J. NAKAI:

"Transformation and Multiplication of Neuroglia in Tissue Culture," in Proc. IV Int. Congr. Neuropathology, Sept. 4-8, 1961. Georg Thieme Verlag, Stuttgart, 1962.

J. NAKAI & M. OKAMOTO:

"Identification of Neuroglial Cells in Tissue Cultures," Ch. 3, pp. 65-102, in Morphology of Neuroglia, edited by J. Nakai. Charles C. Thomas, Springfield, 1963.

Tsuneyuki NAKAZAWA:

"Effects of Chlorpromazine and Serotonin on the Contractility of Oligodendrocytes." [Univ. of Texas Medical Branch, Galveston.]
TEX. REP. BIOL. & MED. (1960) Vol. 18, pp. 52-65.

T. NAKAZAWA:

"Effects of Chlorpromazine and Related Substances on the Contractility of Oligodendrocytes."
FOLIA PSYCHIAT. (1960) Vol. 6, p. 12.

Julia NAOUMENKO & Irwin FEIGIN:

"A Modification for Paraffin Sections of Silver Carbonate Impregnation for Microglia." [Dept. of Path., New York Univ. Med. Center; & Bellevue Hosp., New York.]
ACTA NEUROPATH. (Berlin). (1963) Vol. 2, pp. 402-406.

Z - Vol. 173, #3, p. 223, Jan. 1964

Yoshio NARITA:

"A Study of Experimental Intoxication of Antiepileptic Drugs (Phenobarbital, 5-5 Diphenyl-Hydantoin, Tridione)." [Dept. of Neuropsychiat., Keio Univ. School of Med., Tokyo.]
FOLIA PSYCHIAT. NEUROL. JAP. (1960) Vol. 14, pp. 367-398. [Japanese]

Z -Vol. 167, #2, p. 205, Aug. 1962

Som N. NAYYAR:

"A Study of Phosphate, Desoxyribonucleic Acid, and Phospholipid Fractions in Neural Tumors." [Sect. Neurol. Surg., Dept. Surg., Inst. Psychiat. Res., Indiana Univ. Med. Center, Indianapolis.]
NEUROLOGY (1963) Vol. 13, pp. 287-291.

Z - Vol. 175, #1, p. 11, April 1964

G. NEIMANIS:

"Clinical and Morphological Findings in Four Cases of Psychomotor Epilepsy." (Klinische und morphologische Befunde bei vier Fällen von psychomotorischer Epilepsie.) [Nerve Clin., Univ. of Heidelberg.]
DTSCH. Z. NERVENHEILK. (1962) Vol. 183, pp. 258-267.

Z - Vol. 169, #1, pp. 92-93, Jan. 1963

**Erland NELSON, Gunnbjorg AUREBECK, Kenneth OSTERBERG,
James BERRY, J. T. JABBOUR & John BORNHOFEN:**

"Ultrastructural and Chemical Studies on Krabbe's Disease." [Div. Neurol. & Dept. of Path., Univ. of Minnesota Med. School, Minneapolis.]
J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, 414-434.

Z - Vol. 177, #1, pp. 8-9, Sept. 1964

Erland NELSON, Karlheinz BLINZINGER & Hermann HAGER:

"Ultrastructural Observations on Phagocytosis of Bacteria in Experimental (E. coli) Meningitis." [Dept. of Neuropath., German Res. Inst. Psychiat., Max-Planck-Inst., Munich.]

J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 155-169.

Z - vol. 172, #1, pp. 5-6, Sept. 1963

Erland NELSON, Petter A. LINDSTROM & Webb HAYMAKER:
"Pathological Effects of Ultrasound on the Human Brain.
A Study of 25 Cases in which Ultrasonic Irradiation
Was Used as a Lobotomy Procedure." [Armed Forces
Inst. of Path., Walter Reed Army Med. Center,
Washington, D.C., & Univ. of Utah Coll. of Med.,
Salt Lake City.]
J. NEUROPATH. EXP. NEUROL. (1959) Vol. 18, pp. 489-508.

Z - Vol. 158, #2, p. 127, Nov. 1960

Erland NELSON, Kenneth OSTERBERG, Michael BLAW, James
STORY & Peter KOZAK:
"Electron Microscopic and Histochemical Studies in
Diffuse Sclerosis: Sudanophilic Type." [Div. of
Neurol. & Neurosurg., Depts. of Path. & Pediat.,
Univ. of Minnesota School of Med., Minneapolis.]
NEUROLOGY. (1962) Vol. 12, pp. 896-909.

Z - Vol. 173, #1, p. 8, Nov. 1963

Phillip G. NELSON:
"Effects of Certain Enzymes on Node-of-Ranvier Excitabil-
ity with Observations on Submicroscopic Structure."
[Dept. of Physiol., Univ. of Chicago.]
J. CELL. COMP. PHYSIOL. (1958) Vol. 52, Supp., pp. 127-
145.

Z - Vol. 157, #1, p. 12, July 1960

St. NEMECEK:

"On the Origin of Occipital Softenings of the Brain in Expanding Intracranial Lesions."

ČSL. NEUROL. (1961) Vol. 24, pp. 341-343, with English Summary. [Czech]

Z - Vol. 167, #2, p. 187, Aug. 1962

S. NETTL, J. LICHÝ & J. STOVIČEK:

"Differential Diagnosis of Supratentorial Gliomas and Meningiomas in the Clinical and Angiographic Picture."

ČSL. NEUROL. (1960) Vol. 23, pp. 167-175, with English Summary. [Czech]

Z - Vol. 161, #1, p. 118, May 1961

S. NEVIN, W. H. McMENEMEY, S. BEHRMAN & D. P. JONES:

"Subacute Spongiform Encephalopathy, a Subacute Form of Encephalopathy Attributable to Vascular Dysfunction (Spongiform Cerebral Atrophy)." [Maida Vale Hosp. f. Nerv. Dis., & Brook Hosp., London.]

BRAIN (1960) Vol. 83, pp. 519-564

Z - Vol. 161, #3, pp. 245-246, Jul. 1961

Harold J. NICHOLAS & Byron E. THOMAS:

"Cholesterol Metabolism and the Blood-Brain Barrier: An Experimental Study with 2-C¹⁴-Sodium Acetate."

BRAIN. (1961) Vol. 84, pp. 320-328.

Z - Vol. 167, #3, p. 227, Sept. 1962

John G. NICHOLLS & Stephen W. KUFFLER:

"Extracellular Space as a Pathway for Exchange Between Blood and Neurons in the Central Nervous System of the Leech: Ionic Composition of Glial Cells and Neurons." [Neurophysiol. Lab., Dept. of Pharmacol., Harvard Medical School, Boston.]
J. NEUROPHYSIOL. (1964) Vol. 27, pp. 645-671.

K. NIESSING:

"The Present State of Studies on Neuroglia."
FOLIA CLIN. INT. (Barcelona). (1959) Vol. 9, p. 141.

K. NIESSING & W. VOGELL:

"Electron-Microscopic Studies on the Structural Changes in the Cerebral Cortex in Oedema and Its Significance Relative to the Ground Substance Problem."
Z. ZELLFORSCH. (1960) Vol. 52, p. 216.

Charles R. NOBACK, Jakob HUSBY, J. Martin GIRADO, C. Andrew L. BASSETT & James B. CAMPBELL:

"Neural Regeneration Across Long Gaps in Mammalian Peripheral Nerves: Early Morphological Findings." [Depts. of Anat., Neurol. Surg. & Orthoped. Surg., Coll. of Physicians & Surg., Columbia Univ., New York.]
ANAT. REC. (1958) Vol. 131, pp. 633-647.

Z - Vol. 155, #3, p. 255, May 1960

Charles R. NOBACK & Norman MOSKOWITZ:

"Metachromasia in the Central Nervous System." (Metachromasie im Zentralnervensystem.) [Dept. of Anat., Coll. of Physicians & Surgeons, Columbia Univ., New York.]

WORLD NEUROL. (1961) Vol. 2, pp. 626-634.

Z - Vol. 164, #3, pp. 202-203, Feb. 1962

H. NOETZEL & H. BÜCHER:

"Involvement of the Spinal Ganglia in Poliomyelitis." (Über die Beteiligung der Spinalganglien bei der Poliomyelitis.) [Neuropath. Div., Univ. Path. Inst., Freiburg-im-Breisgau.]

ACTA NEUROPATH. (Berlin). (1963) Vol. 2, pp. 343-348.

Z - Vol. 173, #3, p. 292, Jan. 1964

H. NOETZEL & C. OSTER:

"Cerebral Changes in Liver Diseases."

BEITR. PATH. ANAT. (1957) Vol. 118, p. 325.

W. NOORDENBOS:

"Several Theoretical Observations on Centralized Pain." (Einige theoretische Bemerkungen über den zentralen Schmerz.) [Wilhelmina Hosp. Neurosurg. Clin., Amsterdam.]

ACTA NEUROCHIR. (Vienna). (1960) Vol. 8, pp. 113-120. (Europ. Congr. Neurosurg., Zurich, July 1959.)

Z - Vol. 159, #4, p. 294, Feb. 1961

R. M. NORMAN, A. H. TINGEY, J. C. VALENTINE, &
T. A. DANBY:

"Sudanophil Leucodystrophy in a Pachygyric Brain."
[Burden Neuropath. Lab., Frenchay Hosp., Bristol;
Bedford Gen. Hosp. & Bromham Hosp., Bedford, Eng.]
J. NEUROL. NEUROSURG. PSYCHIAT. (1962) Vol. 25, pp.
363-369.

Z - Vol. 171, #3, p. 309, Aug. 1963

R. M. NORMAN, H. URICH & A. H. TINGEY:

"Metachromatic Leuco-encephalopathy: A Form of Lipidosis."
[Burden Neuropath. Lab., Frenchay Hosp., Bristol.]
BRAIN. (1960) Vol. 83, pp. 369-380.

Z - Vol. 161, #3, p. 245, July 1961

Craig W. NORSTROM, James W. KERNOHAN & J. Grafton LOVE:
"One Hundred Primary Caudal Tumors." [Sect. of Path.
Anat., & Sect. of Neurol. Surg., Mayo Clin. &
Foundn., Rochester, Minn.]

J. AMER. MED. ASSOC. (1961) Vol. 178, pp. 1071-1077.

Z - Vol. 168, #3, pp. 324-325, Dec. 1962

A. NUNES-VICENTE, G. C. GUAZZI & G. MOYA:

"Cerebral Softening in the Course of Multiple Sclerosis."
(Ramollissement cérébral sur sclérose en plaques.)
[Serv. Neuropath., Inst. Bunge, Antwerp-Berchem.]
ACTA NEUROL. BELG. (1962) Vol. 62, 95-110.

Z - Vol. 169, #3, p. 299, Mar. 1963

John I. NURNBERGER:

"Direct Enumeration of Cells of the Brain," pp. 193-202
in Biology of Neuroglia, edited by Wm. F. Windle.
Charles C Thomas, Springfield, 1958.



Sidney OCHS:

"Beading Phenomena of Mammalian Myelinated Nerve Fibers."
[Dept. of Physiol., Indiana Univ. Med. Center,
Indianapolis.]
SCIENCE. (1963) Vol. 139, pp. 599-600.

Z - Vol. 172, #3, p. 180, Oct. 1963

K. OGAWA:

"Cytoplasmic Granules of Astrocytes Cultivated in Vitro."
ANN. HISTOCHEM. (1961) Vol. 6, p. 363.

Kazuo OGAWA:

"Late Infantile Metachromatic Leukodystrophy. Nature of
the Chromotrope." [Henry and Lucy Moses Res. Lab.,
Montefiore Hosp., New York.]
ARCH. NEUROL. (1961) Vol. 4, pp. 418-429.

Z - Vol. 166, #1, p. 83, May 1962

M. OKAMOTO:

"Observations on Neurons and Neuroglia from the Area of
the Reticular Formation Grown in Vitro." [Univ. of
Texas Medical Branch, Galveston.]
ZEIT. F. ZELLFORSCH. (1958) Vol. 47, pp. 269-287.

Shigeo OKINAKA, Masaki YOSHIKAWA, Toshiji MOZAI, Yoshiatsu MIZUNO, Toshio TERAQ, Haruo WATANABE, Kazuteru OGIHARA, Shunsaku HIRAI, Yoshikazu YOSHINO, etc.:

"Encephalomyelopathy Due to an Organic Mercury Compound."
[3rd Dept. of Int. Med., Fac. of Med., Univ. of Tokyo,
& Neuropsychiat. Dept., School of Med., Yokohama City
Univ.]

NEUROLOGY. (1964) Vol. 14, pp. 69-76.

Z - Vol. 176, #3, p. 291, Aug. 1964

Shigeo OKINAKA, Masaki YOSHIKAWA, Toshiji MOZAI, Kazuteru OGIHARA, Haruo WATANABE, Toshio TERAQ, Satoshi UEDA & Shunsaku HIRAI:

"Studies on Hepatocerebral Disease. Part IV. Portal-Systemic Encephalopathy in Chronic Schistosomiasis Japonica." [Third Dept. of Int. Med., Fac. of Med., Univ. of Tokyo.]

ARCH. NEUROL. (1962) Vol. 7, pp. 1-9.

Z - Vol. 176, #1, pp. 72-73, June 1964

A. OKSCHE:

"Histological Studies on the Significance of the Ependyma, the Glia and the Chorioid Plexus in the Carbohydrate Metabolism of the Central Nervous System."

Z. ZELLFORSCH. (1958) Vol. 48, p. 74

A. OKSCHE:

"The Histochemically Demonstrable Glycogen Synthesis-and-Breakdown in Astrocytes and Ependymal Cells as an Example of a Functionally Dependent Metabolic Activity of the Neuroglia."

Z. ZELLFORSCH. (1961) Vol. 54, p. 307.

A. OKSCHE:

"The Fine Nervous, Neurosecretory and Glial Structure of the Median Eminence in the White-Crowned Sparrow."
Proc. III Int. Symposium on Neurosecretion, Bristol, 1961.
MEM. SOC. ENDOCRINOL. (1962) Vol. 12, p. 199.

James L. O'LEARY, Paul B. SAWIN, Sarah LUSE, A. Basil HARRIS & LaVerne S. ERICKSON:

"Hereditary Ataxia of Rabbits. Histopathological Alterations." [Depts. of Anat. & Path., & Div. of Neurol. & Neurosurg., Washington Univ. School of Med., St. Louis; Jackson Memorial Lab., Bar Harbor.]
ARCH. NEUROL. (1962) Vol. 6, pp. 123-137.

Z - Vol. 168, #3, p. 226, Dec. 1962

James L. O'LEARY, Paul B. SAWIN & Paul E. STOHR:

"Hereditary Ataxia of Rabbits: Identification of Glycogen in Hind-Brain Lesions." [Divs. Neurol. & Neurosurg., & Beaumont-May Inst. of Neurol., Washington Univ. School of Med., St. Louis.]
J. NERV. MENT. DIS. (1963) Vol. 136, pp. 130-138.

Z - Vol. 173, #3, p. 306, Jan. 1964

S. N. OLENEV:

"Changes in the Neurons and Neuroglia in Culture of the Cerebral Cortex."
ARKH. ANAT. (1962) Vol. 42, p. 46.

C. A. OLMSTED:

"Observations on the Participation of Individual Neuroglial Cells in Axon Myelination in Vitro."
PATH. BIOL. (Paris). (1961) Vol. 9, p. 910.

C. A. OLMSTED & Augustus S. ROSE:

"Effects of Serum on Neuroglia Cultured on Glass."
BULL. LOS ANGELES NEUROL. SOC. (1960) Vol. 25, p. 28.

Steen OLSEN:

"The Brain in Uremia. A Patho-Anatomical Study of Brains from 104 Patients Dying in Renal Insufficiency, with Reference to the Influence of Complicating Factors, Especially Ischemia of the Brain."
ACTA. PSYCHIAT. SCAND. (1961) Vol. 36, Supp. 156, pp. 5-128.

Z - Vol. 165, #3, pp. 228-229, Apr. 1962

Steen OLSEN & Claus PETRI:

"Histochemical Localization of Acid Phosphatase in the Human Cerebellar Cortex." [Path. Inst. & Neuropath. Lab., Kommunehosp., Copenhagen.]
ACTA NEUROL. SCAND. (1963) Vol. 39, pp. 112-122.

Z - Vol. 174, #3, p. 250, Mar. 1964

Hiroshi OYAMA & Ernest B. WRIGHT:

"Activity of Potassium Mechanism in Single Ranvier Node During Excitation." [Dept. of Physiol., Coll. of Med., Univ. of Florida, Gainesville.]
J. NEUROPHYSIOL. (1962) Vol. 25, pp. 67-93.

Z - Vol. 168, #3, p. 237, Dec., 1962

Jenő ORMOS & Béla KORPÁSSY:

"Experimental Studies on the Absence of Extracranial Metastases in Intracranial Tumors." (Experimentelle Untersuchungen über den Mangel extrakranieller Metastasen intrakranieller Geschwülste.)
ORV. HETIL. (1960) Vol. 101, pp. 1621-1625, with German & English Summaries. [Hungarian]

Z - Vol. 161, #3, p. 247, July 1961

B. ORSINI:

"Histochemical Investigations of the Succinic Dehydrogenase Activity of the Central Nervous System in Acute Experimental Meprobamate Intoxication." (Indagini istochimiche sull'attività succinodeidrogenasica dei centri nervosi nell'intossicazione acuta sperimentale da meprobamato.) [Inst. Leg. Med. & Insurance, Univ. of Genoa.]
NEUROPSICHIATRIA (Genoa). (1961) Vol. 17, pp. 599-614.

Z - Vol. 169, #2, p. 120, Feb. 1963

Julio C. ORTIZ de ZARATE:

"Cerebral Crystalline Cholesterosis of Scherer, Van Bogaert and Epstein." (Colesterinosis cristalina cerebral de Scherer, van Bogaert y Epstein.)
REV. NEUROL. BUENOS AIRES. (1961) Vol. 19, pp. 159-166.

Z - Vol. 172, #4, p. 286, Nov. 1963

Julio C. ORTIZ de ZARATE:

"A Rare Histopathologic Picture Resembling Cerebral Crystalline Cholesterinosis." [Neurolog. Serv., San Martin Polyclin., Buenos Aires.]
PSYCHIAT. ET NEUROL. (Basel). (1962) Vol. 144, pp. 54-61.

Z - Vol. 170, #1, p. 19. April 1963

Ewa OSETOWSKA:

"Contribution to the Formation of Disseminated Foci of Demyelination Involved in Fat Embolisms of the Brain." (Contribution à la formation de foyers de la démyélinisation disséminée au cours des embolies de graisse du cerveau.)
NEUROL. NEUROCHIR. PSYCHIAT. POL. (1961) Vol. 11, pp. 721-724. [Polish]

Z - Vol. 165, #3, p. 307, April 1962

Ewa OSETOWSKA:

"Subacute Sclerosing Leucoencephalitis (Van Bogaert) in a Case Not Classified Clinically." (La leucoencéphalite sclérosante subaiguë (van Bogaert) dans un cas non classé cliniquement.) [Bunge Inst., Antwerp; & Neuropath. Inst., Warsaw.]

NEUROL. NEUROCHIR. PSYCHIAT. POL. (1961) Vol. 11, pp. 161-167, with French Summary. [Polish]

Z - Vol. 164, #2, p. 179, Jan. 1962

Ewa OSETOWSKA & Włodzimierz BORAK:

"Van Bogaert's Subacute Encephalitis, with Lesions Affecting the Striatum in Particular." (Encéphalite subaiguë de Van Bogaert avec la lésion atteignant spécialement le striatum.)

NEUROL. NEUROCHIR. PSYCHIAT. POL. (1962) Vol. 12, pp. 117-121. [Polish]

Z - Vol. 168, #2, p. 119, Nov. 1962

Ewa OSETOWSKA, H. GAIL, D. KARCHER & H. WISNIEWSKI:

"Infantile Early Leucodystrophy (Krabbe Type). Remarks on Glial Proliferation and Those Systemic Atrophies that Lend Themselves to Observation." (Leucodystrophie infantile précoce (Type Krabbe.) Remarques sur les proliférations gliales et les atrophies de système qui peuvent s'y observer.)

REV. NEUROL. (1960) Vol. 102, pp. 463-477.

Z - Vol. 160, #3, p. 298, May 1961

Ewa OSETOWSKA & Zuzanna KRASNICKA:

"Familial Leucodystrophy of the Krabbe Type, Complicated by a Cerebral Reaction Following Vaccination."
(Leucodystrophie familiale du type Krabbe compliquée par la réaction du cerveau qui se forme après la vaccination.)

NEUROL. NEUROCHIR. PSYCHIAT. POL. (1961) Vol. 11, pp. 851-855. [Polish]

Z - Vol. 169, #1, pp. 86-87, Jan. 1963

Ewa OSETOWSKA & P. TORCK:

"Subacute Sclerosing Leukoencephalitis. Analysis of Complementary Features." [Serv. Neurol., Lab. Neuro-path., Inst. Bunge, Antwerp-Berchem.]

WORLD NEUROL. (1962) Vol. 3, pp. 566-579.

Z - Vol. 176, #1, p. 78, June 1964

K. A. OSTERBERG & L. W. WATTENBERG:

"Glutamic Dehydrogenase System in Proliferative Glial Lesions."

FED. PROC. (1961) Vol. 20, p. 345.

Kenneth A. OSTERBERG & Lee W. WATTENBERG:

"Oxidative Histochemistry of Reactive Astrocytes."
[Dept. of Path., Univ. of Minnesota Med. School, Minneapolis.]

ARCH. NEUROL. (1962) Vol. 7, pp. 211-218.

Z - Vol. 173, #2, p. 124, Dec. 1963

Kenneth A. OSTERBERG & Lee. W. WATTENBERG:
"Age of Dependency of Enzymes in Reactive Glia."
PROC. SOC. EXP. BIOL. MED. (1963) Vol. 113, p. 145.

B. OSTERTAG: (Tubingen)
"Characteristic Features of the Various Types of Glioma."
(Grundzüge der Gliomeinteilung.)
[Report at Meeting of the Deutsche Gesellschaft für Neuro-
logie, Cologne, Sept. 17-19, 1962. Main Theme:
Trends and Principles of Neurology Today.]
ZENTRALBLATT FÜR DIE GESAMTE NEUROLOGIE UND PSYCHIATRIE.
(1963) Vol. 171, #3, pp. (233) & 240.

Z - see journal reference above, p. 240, Aug. 1963.

P

N. PACHOMOV:
"Morphological Studies on the Problem of the Function of
the Subfornical Organ in Rats."
DEUTSCH. Z. NERVENHEILK. (1963) Vol. 185, p. 13.

J. E. PAILLAS, J. BONNAL, R. SEDAN, M. BÉRARD-BADIER &
A. COMBALBERT:
"Tumors of the Chiasm." (Tumeurs du chiasma.)
NEURO-CHIRURGIE (Paris). (1961) Vol. 7, pp. 278-297.

Z - Vol. 169, #1, p. 89, Jan. 1963

- J. E. PAILLAS, G. FRANCK, M. BÉRARD-BADIER, R. NAQUET &
J. M. BENESCH:
"Evolution of Astrocytomas in the Brain. Study of a 100-
Case Series (Operated on)." (Evolution des astro-
cytomes de l'encéphale.) [Neurosurg. Clin., Timone
Hosp., Fac. Med., Marseilles.]
REV. NEUROL. (1962) Vol. 107, pp. 317-336.
- Z - Vol. 173, #2, p. 199, Dec. 1963

Sanford L. PALAY:

- "An Electron Microscopical Study of Neuroglia," pp. text
24-38 & Discussion pp. 38-49 in Biology of Neuroglia,
edited by Wm. F. Windle. Charles C Thomas, Spring-
field, 1958.

Sanford L. PALAY:

- "Neuronal Ultrastructure," pp. 36-38 in Macromolecular
Specificity and Biological Memory, edited by Francis
O. Schmitt. The M.I.T. Press, Cambridge, 1962.

Sanford L. PALAY & A. PETERS:

- "An Electron Microscope Study of the Distribution and Pat-
terns of Astroglial Processes in the Central Nervous
System."
PROC. ANAT. SOC. GT. BRITAIN & IRELAND (Liverpool). Nov.
(1964).

G. PÁLFFY & F. T. MÉREI:

"The Possible Role of Vaccines and Sera in the Pathogenesis of Multiple Sclerosis." [Depts. of Neurol. & Psychiat., Univ. of Pécs Med. School, Pécs, Hungary.]
WORLD NEUROL. (1961) Vol. 2, pp. 167-172.

Z - Vol. 162, #3, p. 287, Sept. 1961

G. PALL, D. BÖHME, H. KERSTEN & W. KERSTEN:

"Hypersensitivity of the Skin to Purified Myelin Antigen in Neurological Patients, with Special Reference to Multiple Sclerosis." (Hautüberempfindlichkeit gegen gereinigtes Myelinantigen bei neurologisch Kranken unter besonderer Berücksichtigung der Multiplen Sklerose.) [Psychiat. & Nerve Clin., Path. Inst.; & Physiol. & Chem. Inst., Univ. of Münster.]
DTSCH. Z. NERVENHEILK. (1963) Vol. 184, pp. 235-247.

Z - Vol. 176, #1, p. 77, June, 1964

G. PALME:

"The Cytocentrum in Gliomas and Plump Glia Cells."
VIRCHOWS ARCH. PATH. ANAT. (1961) Vol. 334, p. 160.

A. G. PANOV, A. P. ZINTCHENKO & A. F. SEMENOV:

"Clinical Problems and the Morphopathology of Subacute Sclerosing Leucoencephalitis." (Le problème de la morphopathologie de leucoencéphalite subaiguë Sclérosante.)

Ž. NEVROPAT. PSICHIAT. (1963) Vol. 63, pp. 321-329, with French Summary. [Russian]

Z - Vol. 176, #2, p. 167, July 1964

V. V. PAPILIAN, O. VUIA, M. SERBAN & I. NAGY:

"Early and Diffuse Cerebral Reticulohistio-Microglioblastomatosis. Early Cerebral Reticuloendotheliosis." (Reticulo-histio-microglioblastomatoză cerebrală primitivă et diffuse. La réticulo-endothéliose cérébrale primitive.)

STUD. CERCET. NEUROL. (1962) Vol. 7, pp. 183-191, with French Summary. [Rumanian]

Z - Vol. 175, #1, p. 8, April 1964

V. V. PAPILIAN, O. VUIA, G. SIMU & I. NAGY:

"Anatomical and Clinical Study of a Case of Subacute Demyelinating Leukoencephalitis." (Anatomisch-klinisches Studium eines Falles von subakuter demyelinisierender Leukoencephalitis.)

NEUROL. PSICHIAT. NEUROCHIR. (Bucharest). (1959) Vol. 4, pp. 345-349 with French, English & German Summaries. [Rumanian]

Z - Vol. 156 #1, p. 85, May 1960

V. PAREDES:

"Anatomical Problems. (Symposium on the Pyramidal Tract.)" (Problemas anatómicos. (Symposium.))

REV. NEURO-PSIQUIAT. (1959) Vol. 22, pp. 382-397.

Z - Vol. 159, #4, pp. 290-291, Feb. 1961

Dwight PARKINSON & C. W. HALL:

"Oligodendrogliomas. Simultaneous Appearance in Frontal Lobes of Siblings." [Depts. of Surg., Neurosurg. & Radiol., Univ. of Manitoba, Winnipeg.]

J. NEUROSURG. (1962) Vol. 19, pp. 424-426.

Z - Vol. 169, #1, p. 90, Jan. 1963.

O. A. PARSONS, K. D. STEWART & D. ARENBERG:

"Impairment of Abstracting Ability in Multiple Sclerosis." [Dept. of Psychiat. & Psychol., Duke Univ., Durham, N.C.]

J. NERV. MENT. DIS. (1957) Vol. 125, pp. 221-225.

Giampiero PASERO & Alberto MURATORIO:

"The Neurohemolytic Syndromes. A Case of Hemolytic Anemia Acquired Through Auto-Immunization Associated with a Multifocal Neurological Syndrome." [Inst. Clin. Gen. Med., & Inst. Clin. Nerv. & Ment. Dis., Univ. of Pisa.]

SIST. NERV. (1960) Vol. 12, 458-484.

Z - Vol. 164, #1, p. 15, Dec. 1961

Harold D. PAXTON:

"Quantitative Histochemistry of Brain Tumors and Analogous Normal Tissue." [Depts. of Neurosurg. & Pharmacol., Washington Univ. School of Med., St. Louis.]

NEUROLOGY. (1959) Vol. 9, pp. 367-370.

Z - Vol. 157, #1, p. 13, July 1960

Carl M. PEARSON:

"Hypersensitivity Mechanisms in Man and Animals," pp. 93-118 in Mechanisms of Demyelination, edited by Augustus S. Rose & Carl M. Pearson. McGraw-Hill, New York, 1963.

D. C. PEASE & W. PALLIE:

"Electron Microscopy of Digital Tactile Corpuscles and Small Cutaneous Nerves." Dept. of Anat., School of Med., Univ. of California; & VA Center, Los Angeles. J. ULTRASTRUCT. RES. (1959) Vol. 2, pp. 352-365.

Z - Vol. 155, #3, p. 252, May 1960

Jürgen PEIFFER:

"The Metachromatic Leucodystrophies (Scholz Type)." (Über die metachromatischen Leukodystrophien (Typ Scholz).) [Cerebr. Path. Inst., German Res. Inst. f. Psychiat., Max-Planck-Inst., Munich; & Nerve Clin., Univ. of Würzburg.] ARCH. PSYCHIAT. NERVENKR. (1959) Vol. 199, pp. 386-416.

Z - Vol. 156, #2, pp. 117-118, June 1960

Jürgen PEIFFER:

"The Nonmetachromatic Leucodystrophies." (Über die nicht-metachromatischen Leukodystrophien.) [Cerebr. Path. Inst., German Res. Inst. f. Psychiat., Max-Planck-Inst., Munich; & Nerve Clin., Univ. of Würzburg.] ARCH. PSYCHIAT. NERVENKR. (1959) Vol. 199, pp. 417-436.

Z - Vol. 156, #2, pp. 116-117, June 1960

Jürgen PEIFFER:

"Differentiation of Various Types of Leukodystrophy."
[Neuropath. Lab., Nerve Clin., Univ. of Würzburg.]
WORLD NEUROL. (1962) Vol. 3, pp. 580-601.

Z - Vol. 175, #1, p. 6, April 1964

R. PEISKER:

"Contribution to the Casuistics of Hypertrophic Charcot-Joffroy Cervical Pachymeningitis." (Beitrag zur Kasuistik der Pachymeningitis cervicalis hypertrophica Charcot-Joffroy. Trimeningitis chronica hyperplastica O. Fischer 1904.) [Path. Inst., City Hosp., Berlin-Neukölln.]
ACTA NEUROPATH. (Berlin). (1963) Vol. 2, pp. 475-481.

Z - Vol. 174, #2, p. 119, Feb. 1964

J. Kiffin PENRY, Dick HOEFNADEL, Stanley VAN DEN NOORT & Derek DENNY-BROWN:

"Muscle Spasm and Abnormal Postures Resulting from Damage to Interneurons in Spinal Cord." [Dept. of Neurol., Harvard Medical School; Dept. of Pediat., Boston Univ. School of Med.; Neurol. Unit & Pediat. Serv., Boston City Hosp.]
ARCH. NEUROL. (1960) Vol. 3, pp. 500-512.

Z - Vol. 162, #2, p. 110, Aug. 1961

J. Kiffin PENRY & Martin G. NETSKY:

"Experimental Embolic Occlusion of a Single Leptomeningeal Artery." [Depts. of Neurol. & Path., Bowman Gray School of Med., Wake Forest Coll., Winston-Salem, N.C.]

ARCH. NEUROL. (1960) Vol. 3, pp. 391-398.

Z - Vol. 164, #1, p. 9, Dec. 1961

Angel PENTSCHEW & Klaus SCHWARZ:

"Systemic Axonal Dystrophy in Vitamin E-Deficient Adult Rats. With Implications in Human Neuropathology." [Armed Forces Inst. of Path., Washington, D.C.; Central Anat. Lab., Dept. of Ment. Hyg., Baltimore, Md.; Nat. Inst. of Health, Bethesda, Md.]

ACTA NEUROPATH. (Berlin). (1962) Vol. 1, pp. 313-334.

Z - Vol. 169, #2, pp. 201-202, Feb. 1963

A. S. PENTZIK:

"The Electroencephalogram of Patients with Multiple Sclerosis." (L'électroencéphalogramme des malades de sclérose disséminée.)

Ž. NEVROPAT. PSICHIAT. (1963) Vol. 63, pp. 352-356, with French Summary. [Russian]

Z - Vol. 173, #2, p. 144, Dec. 1963

D. M. PERESE & G. E. MOORE

"Methods of Induction and Histogenesis of Experimental Brain Tumors." [Roswell Park Memorial Inst., Buffalo, New York.]

J. NEUROSURG. (1960) Vol. 17, pp. 677-699.

(Meeting of Cushing Soc., New Orleans, May 1, 1959.)

Z - Vol. 163, #2, p. 143, Nov. 1961

J. PEREYRA-KÄFER, G. F. POCH & R. L. CASTELLI:

"Acute Peripheral Demyelinating Neuropathies. Study of the Gastric Acidity in 55 Cases of Polyneuropathies of Various Origins." (Neuropatias periféricas desmielinizantes aquilicas. Estudio de la acidimetria gastrica en 55 casos de polineuropatias de diversa etiologia.)

REV. NEUROL. BUENOS AIRES. (1960) Vol. 18, pp. 298-302.

Z - Vol. 162, #1, p. 16, July 1961

O. PERIER:

"Formation and Behavior of Myelin in Vitro with Respect to the Demyelinating Diseases." (Formation et comportement de la myéline "in vitro" en rapport avec les maladies démyélinisantes.) [Lab. Anat. Path., Free University of Brussels.]

ACTA NEUROL. BELG. (1959) Vol. 59, pp. 747-755.

Z - Vol. 157, #1, p. 5, July 1960

O. PERIER & J. VREBOS:

"Reflections on Various Histological Characteristics of Multiple Sclerosis." (Réflexions sur certains caractères histologiques de la sclérose en plaques.)

[Path. Anat. Lab., Free Univ., Brussels.]

ACTA NEUROL. BELG. (1963) Vol. 63, pp. 443-453.

Z - Vol. 175, #1, p. 7, April 1964

T. P. PESSACQ:

"The Neuroglia of the Carotid Body."

ARCH. ANAT. MICR. MORPH. EXP. (1961) Vol. 50, p. 289.

A. PETERS:

"The Formation and Structure of Myelin Sheaths in the Central Nervous System."

J. BIOPHYS. BIOCHEM. CYTOL. (1960) Vol. 8, p. 431.

A. PETERS & Sanford L. PALAY:

"A Glomerulus in the Dorsal Layers of the Dorsal Nucleus of the Lateral Geniculate Body of the Cat."

PROC. VIII INT. CONGR. ANATOMISTS, Wiesbaden. (1965 - in press.) [Abstract]

G. PETERS & G. STRUCK:

"Pathomorphological Findings in Chronic Organic Processes of the Brain." (Pathomorphologische Befunde bei chronisch verlaufenen hirnorganischen Prozessen) [Rhein. Brain Res. Inst.; & Neuropath. Inst., Univ. of Bonn.]

FORTSCHR. NEUROL. PSYCHIAT. (1959) Vol. 27, pp. 549-555.

Z - Vol. 158, #1, p. 5, Oct. 1960

E. R. PETERSON & Margaret R. MURRAY:

"Myelin Sheath Formation in Cultures of Avian Spinal Ganglia."

AM. J. ANAT. (1955) Vol. 96, p. 319.

Edith R. PETERSON & M. R. MURRAY:

"Modification of Development in Isolated Dorsal Root Ganglia By Nutritional and Physical Factors."

DEVELOP. BIOL. (1960) Vol. 2, pp. 461-76.

Arcardiu PETRESCU:

"Histochemical Studies of Lipid Disintegration in Cerebral Hemorrhage." (Recherches histochimiques sur la désintégration des lipides dans l'hémorragie cérébrale.)

STUD. CERCET. NEUROL. (1963) Vol. 8, pp. 259-270, with French Summary. [Rumanian]

Z - Vol. 174, #3, pp. 267-268, Mar. 1964

Edith PETTE, K. MANNWEILER & O. PALACIOS:

"The Visna Disease of Sheep. [In Iceland.] Contribution to the Problem of the Virus-Caused Granulomatous Encephalomyelitis." (Die Visnakrankheit der Schafe. Beitrag zum Problem der virusbedingten Granulomen-encephalomyelitis.) [Lab. of Foundn. f. Res. in Poliomyelitis & M.S., Hamburg.]

DTSCH. Z. NERVENHEILK. (1961) Vol. 182, pp. 635-651.

Z - Vol. 167, #2, p. 198, Aug. 1962

Edith PETTE & Heinrich PETTE:

"The Pathogenesis of Demyelinating Encephalomyelitis." (Die Pathogenese der Entmarkungsencephalomyelitis.) [Lab. of Foundn. f. Res. in Poliomyel. & M. S., Hamburg-Eppendorf.]

PSYCHIAT. NEUROL. JAP. (1959) Vol. 61, pp. 407-415.

Z - Vol. 155, #1, p. 6, Apr. 1960

Edith PETTE & Heinrich PETTE:

"Multiple Sclerosis - An Immunological Problem." (Die multiple Sklerose - ein immunologisches Problem.) [Lab. of Foundn. f. Res. in Poliomyel. & M. S., Hamburg-Eppendorf.]

WIEN. KLIN. WSCHR. (1963) Vol. 75, pp. 482-485.

Z - Vol. 174, #1, pp. 79-80, Jan. 1964

Edith PETTE & Heinrich PETTE:

"Some Remarks on the Pathogenesis of Demyelinating Diseases." [Inst. Res., Spine, Infantile Paral. & Mult. Scler., University Hosp., Hamburg-Eppendorf.]
J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, pp. 528-532.

Z - Vol. 174, #3, pp. 325-326, Mar. 1964

Edith PETTE & Heinrich PETTE:

"Virological Aspects in Multiple Sclerosis." (Virologische Aspekte bei der multiplen Sklerose.) [Lab. of Foundn. f. Res. in Poliomyel. & M. S., Univ. Hosp., Hamburg-Eppendorf.]
DTSCH. Z. NERVENHEILK. (1963) Vol. 185, pp. 295-307.

Z - Vol. 176, #2, p. 167, July 1964.

Heinrich PETTE:

"Experimental Demyelinating Diseases and their Implications in Neurologic Diseases of Man." [Inst. Res. Spine, Infantile Paral., & Mult. Scler., Hamburg-Eppendorf.]
WORLD NEUROL. (1960) Vol. 1, pp. 491-499.

Z - Vol. 162, #2, pp. 166-167, Aug., 1961

M. PHILIPPART:

"Subacute Progressive Anterior Poliomyelitis. Its Place Among the Abiotrophies." (Poliomyélite antérieure subaigue progressive. Sa place parmi les abiotrophies.) [Neurol. & Neuropath. Serv., Bunge Inst., Antwerp-Berchem.]
ACTA NEUROL. BELG. (1961) Vol. 61, pp. 185-208.

Z - Vol. 164, #1, pp. 76-77, Dec. 1961

R. L. PIPA:

- "Studies on the Hexapod Nervous System. Part III. Histology and Histochemistry of Cockroach Neuroglia."
J. COMP. NEUROL. (1961) Vol. 116, p. 15.

T. F. PIROGOVA:

- "Modifications of the Protein Picture in the Cerebrospinal Fluid and the Blood Serum in Multiple Sclerosis."
(Les modifications du profil protéinique du liquide céphalo-rachidien et du serum sanguin dans la sclérose en plaques.)
Ž. NEVROPAT. PSICHIAT. (1962) Vol. 62, pp. 1350-1355,
with French Summary. [Russian]

Z - Vol. 172, #4, p. 290, Nov. 1963

James A. PITCOCK:

- "Demyelinating Lesions and Focal Vascular Lesions in the Cerebral White Matter of Normal and Irradiated Monkeys." [Radiobiol. Branch, School of Aerosp. Med., Brooks Air Force Base, Texas.]
J. NEUROPATH. EXP. NEUROL. (1963) Vol 22, pp. 120-127.

Z - Vol. 175, #1, p. 5, April 1964

A. L. POLENOV:

- "Reactive Changes in Oligodendroglia of the Hypothalamo-Hypophyseal Neurosecretory System in Salt-Loaded Organisms."
ARKH. ANAT. GISTOL. I EMBRIOL. (1963) Vol. 44, p. 26.
[English Summary]

G. I. POLIAKOV:

"Various Characteristics of Neuronal Structure in the Central Nervous System, Revealed by the Different Neurohistological Methods. Part I. The Contact Apparatus Developed by the Axons." (Certaines particularités de la structure des neurones du système nerveux central décelés par différentes méthodes neurohistologiques. I. Les appareils de contact formés par les axones.)

Ž. NEVROPAT. PSICHIAT. (1961) Vol. 61, pp. 3-10, with French Summary. [Russian]

Z - Vol. 164, #3, p. 202, Feb. 1962

G. I. POLIAKOV:

"Certain Peculiarities of Neuronal Structure in the Central Nervous System, Revealed by the Different Neurohistological Methods. Part II. Contact Mechanisms in the Dendrites." (Certaines particularités de la structure des neurones du système nerveux central relevées par de différents méthodes neurohistologiques. II.)

Ž. NEVROPAT. PSICHIAT. (1961) Vol. 61, pp. 271-279, with French Summary. [Russian]

Z - Vol. 163, #1, p. 6, Oct. 1961

Alberto POLITOFF L., Roberto RODRIGUEZ R. & Gaston DONCKASTER R.:

"The Blood-Brain Barrier: Experimental Analysis and Discussion of Its Possible Anatomical Substrate." (La barrera hematoencefalica: analisis experimental y discusion de su posible sustrato anatomico.)

NEUROCIURUGÍA. (1963) Vol. 21, pp. 3-19.

Z - Vol. 175, #3, p. 234, May, 1964.

Charles M. POMERAT:

"Functional Concepts Based on Tissue Culture Studies of Neuroglia Cells," pp. 162-175 in Biology of Neuroglia, edited by Wm. F. Windle. Charles C Thomas, Springfield, 1958.

Charles M. POMERAT:

"Cinematographic Analysis of Cell Dynamics." [Univ. of Texas Medical Branch, Galveston.]
FED. PROC. (1958) Vol. 17, pp. 975-984.

Charles M. POMERAT:

"Dynamic Activities of Cellular Elements of the Nervous System" (Alfred Korzybski Memorial Lecture, April 11, 1959). [Univ. of Texas Med. Branch, Galveston.]
GENERAL SEMANTICS BULL. (1959) #24 & #25, pp. 7-15.

Charles M. POMERAT:

"Rhythmic Contraction of Schwann Cells." [Univ. of Texas Medical Branch, Galveston.]
SCIENCE. (1959) Vol. 130, pp. 1759-1760.

Charles M. POMERAT:

"Cinematography, Indispensable Tool for Cytology," pp. 307-334 in International Review of Cytology, Vol. 11, Academic Press, Inc., New York, 1961.

Charles M. POMERAT:

"Cinematography in the Service of Neuropathology," pp. 207-216 in Proc. IV Int. Congr. Neuropathology, Munich, Sept. 4-8, 1961, edited by H. Jacob. Vol. II. Georg Thieme Verlag, Stuttgart, 1962.

Charles M. POMERAT:

"Properties of Cultured Neurons and Glia," p. 46 in the Abstracts of IV International Congr. Neuropathology, Munich, Sept. 4-8, 1961.

Charles M. POMERAT:

"Recent Observations on Living Nerves in Vitro." [Abstr.] (Meeting Texas Acad. Sci., Austin, Texas, Nov. 29-Dec. 1, 1962.)

Charles M. POMERAT:

"Cinematographic Recordings of Neuroglial Activity," pp. 32-36 in Recent Advances in Degenerative Diseases of the Central Nervous System in Infants and Children, REPORT OF THE FORTY-SECOND ROSS CONFERENCE ON PEDIATRIC RESEARCH (held in Norman, Oklahoma, April 1962), edited by G. M. Owen, Ross Laboratories, Columbus, 1963.

Charles M. POMERAT:

"Activities Associated with Neuronal Regeneration."
[Pasadena Foundn. for Med. Res., Pasadena.]
ANAT. REC. (1963) Vol. 145, #2, p. 371. (Abstr.)

Charles M. POMERAT & Isaac COSTERO:
"Tissue Cultures of Cat Cerebellum." [Univ. of Texas
Med. Branch, Galveston.]
AM. J. ANAT. (1956) Vol. 99, pp. 211-247.

Charles M. POMERAT, B. L. CRUE & F. H. KASTEN:
"Observations on the Cytology of an Oligodendroglioma
Cultivated in Vitro." [Pasadena Foundn. for Med.
Res., Pasadena.]
J. NAT. CANCER INST. (1964) Vol. 33, pp. 517-533.

Charles M. POMERAT & D. GOLDBLATT:
"Observations on Glioblastoma Multiforme Transferred from
Guineapig Eye to Cell Culture," pp. 123-137 in Clinical
Neurosurgery, Proc. Congr. Neurological Surgeons,
at Miami Beach, 1959. Williams & Wilkins Co., Balti-
more, 1961.

Charles M. POMERAT, W. J. HENDELMAN, C. W. RAIBORN, JR. &
J. F. MASSEY:
"Dynamic Activities of Nervous Tissue in Vitro," in Prog-
ress in Brain Research, Vol. 10. Elsevier Pub. Co.,
Amsterdam. [In press]

Charles M. POMERAT, D. E. ROUNDS, C. W. RAIBORN, JR. &
T. D. POLLARD:

"Observations on Newborn Rat Dorsal Root Ganglia in Vitro
Following Gamma Irradiation." SECOND INTERNATIONAL SYM-
POSIUM ON THE RESPONSE OF THE NERVOUS SYSTEM TO IONIZ-
ING RADIATION (held at Univ. Calif. Los Angeles, Aug.
29-31, 1963). Little, Brown & Co. [In press]

Charles M. POMERAT, E. M. TODD & D. GOLDBLATT:

"Activity of Meningioma Whorls in Vitro," pp. 104-121 in
The Biology and Treatment of Intracranial Tumors, Sym-
posium of Houston Neurological Soc., Houston, Texas,
March 9-11, 1961. Edited by W. S. Fields & P. C.
Sharkey. Charles C. Thomas, Springfield, 1962.

Alfred POPE:

"Implication of Histochemical Studies for Metabolism of
the Neuroglia," pp. 211-222 & Discussion pp. 223-233
in Biology of the Neuroglia, edited by Wm. F. Windle.
Charles C Thomas, Springfield, 1958.

Alfred POPE:

"Applications of Microchemistry to Problems in Neuropa-
thology." [McLean Hosp. Res. Lab., Waverly, Mass.,
& Dept. of Neuropath., Harvard Medical School,
Boston.]

PSYCHIAT. NEUROL. NEUROCHIR. (Amsterdam). (1961) Vol. 64,
pp. 1-8.

Z - Vol. 164, #2, pp. 109-110, Jan. 1962

Nina POPOFF, Sidney WEINBERG & Irwin FEIGIN:
"Pathologic Observations in Lead Encephalopathy. With
Special Reference to the Vascular Changes." [Office
Chief. Examr. of New York City; Depts. of Path. &
Forensic Med., New York Univ. School of Med.;
Bellevue Hosp., New York.]
NEUROLOGY. (1963) Vol. 13, pp. 101-112.

Z - Vol. 176, #1, p. 76, June 1964

W. POPPE & A. TENNSTEDT:
"Contribution to Binswanger's Subcortical Encephalopathy."
(Ein Beitrag zur Encephalopathia subcorticalis
Binswanger.) [Regional Neurol. & Path. Hosp.,
Muhlhausen, Thuringia.]
PSYCHIAT. ET NEUROL. (Basel). (1963) Vol. 145, pp. 27-35.

Z - Vol. 173, #2, pp. 119-120, Dec. 1963

G. PORCELLATI & B. CURTI:
"Proteinase Activity of Peripheral Nerves During Wallerian
Degeneration." [Dept. of Biochem., Univ. of Perugia,
Italy.]
J. NEUROCHEM. (1960) Vol. 5, pp. 277-282.

Z - Vol. 163, #1, p. 17, Oct. 1961

R. PORTER, W. ROSS ADEY & T. S. BROWN:
"Effects of Small Hippocampal Lesions on Locally Recorded
Potentials and on Behavior Performance in the Cat."
[Dept. of Anat., Univ. of Calif. Sch. of Med., Los
Angeles.]
EXP. NEUROL. (1964) Vol. 10, p. 216.

R. PORTER, W. ROSS ADEY & R. T. KADO:

"Measurement of Electrical Impedance in the Human Brain."
[Dept. of Anat., Univ. of Calif. Sch. of Med., Los Angeles.]

NEUROL. (1964) Vol. 14, p. 1002.

Charles M. POSER:

"Leukodystrophy and the Concept of Dysmyelination." [Sect. of Exp. Neurol., Dept. of Med., Univ. of Kansas School of Med., Kansas City.]

ARCH. NEUROL. (1961) Vol. 4, pp. 323-332.

Z - Vol. 165, #1, p. 74, Feb. 1962

Charles M. POSER & Ludo VAN BOGAERT:

"Neuropathologic Observations in Phenylketonuria." [Sect. of Exp. Neurol., Univ. of Kansas School of Med.; Winfield State Hosp. & Train. Center, Winfield, Kansas; Lab. of Neuropath., Inst. Bunge, Antwerp.]

BRAIN. (1959) Vol. 82, pp. 1-9.

Z - Vol. 157, #2 p. 84, Aug. 1960.

John N. POTANOS, Abner WOLF & David COWEN:

"Cytochemical Localization of Oxidative Enzymes in Human Nerve Cells and Neuroglia." [Depts. of Path., Neurol. Surg., Neurol., Coll. of Physicians & Surgeons, Columbia Univ.; Neurol. Inst., Presbyterian Hosp., New York.]

J. NEUROPATH. EXP. NEUROL. (1959) Vol. 18, pp. 627-635.

Z - Vol. 158, #3, p. 279, Nov. 1960

R. L. POTTER & A. VAN HARREVELD:

"The Effect of Metrazol on the Glutamate Metabolism of Cerebral Cortex." (Div. Biol., Cal. Inst. Tech., Pasadena.)

J. NEUROCHEM. (1962) Vol. 9, pp. 105-12.

Q

M. R. QUASTEL & Charles M. POMERAT:

"Irradiation of Cells in Tissue Culture. Part VIII. Morphological Observations on Neurons Following Cobalt⁶⁰ Gamma Irradiation of Dorsal Root Ganglia from the Newborn Rat." [Pasadena Foundn. for Med. Res., Pasadena.]

ZEIT. F. ZELLFORSCH. (1963) Vol. 59, pp. 214-223.

R

Othard RAESTRUP:

"Contribution to the Discussion of the Subject 'Multiple Sclerosis and Accidents,' with Summary by F. W. Bronisch." (Diskussionsbeitrag zum Thema 'Multiple Sklerose und Unfall,' und Schlusswort von F. W. Bronisch.)

MED. WELT. (1962) pp. 1322-1323.

Z - Vol. 169, #3, p. 299, Mar. 1963

Janina RAFALOWSKA & Krystyna WARECKA:

"Problem of Familial Occurrence of Multiple Sclerosis." (Problème de l'existence familiale de la sclérose en plaques.)

NEUROL. NEUROCHIR. PSYCHIAT. POL. (1961) Vol. 11, pp. 793-801. [Polish]

Z - Vol. 167, #1, p. 71, July 1962

Anthony J. RAIMONDI, Joseph P. EVANS & Sean MULLAN:
"Studies of Cerebral Edema. Part III. Alterations in
the White Matter: an Electron Microscopic Study
Using Ferritin as a Labeling Compound." [Div. of
Neurol. Surg., Univ. of Chicago School of Med.]
ACTA NEUROPATH. (Berlin). (1962) Vol. 2, pp. 177-197.

Z - Vol. 171, #3, p. 263, Aug. 1963

Anthony J. RAIMONDI, Sean MULLAN & Joseph P. EVANS:
"Human Brain Tumors: an Electron-Microscopic Study." [Div.
of Neurol. Surg., Univ. of Chicago School of Med.]
J. NEUROSURG. (1962) Vol. 19, pp. 731-753.
(Harvey Cushing Soc. Meeting, Chicago, May 1, 1962.)

Z - Vol. 171, #1, p. 4, June 1963

Enrique RAMÓN-MOLINER:
"A Study on Neuroglia." [Depts. Neurol. & Neurosurg.,
Montreal Neurol. Inst., McGill Univ.]
J. COMP. NEUROL. (1958) Vol. 110, pp. 157-172.

James B. RANCK, JR.:
"Analysis of Specific Impedance of Rabbit Cerebral Cortex."
[Univ. of Michigan, Ann Arbor.]
EXP. NEUROL. (1963) Vol. 7, p. 153.

James B. RANCK, JR.:

"Specific Impedance of Rabbit Cerebral Cortex." [Univ. of Michigan, Ann Arbor.]

EXP. NEUROL. (1963) Vol. 7, p. 144.

James B. RANCK, Jr.:

"Specific Impedance of Cerebral Cortex During Spreading Depression, and an Analysis of Neuronal, Neuroglial, and Interstitial Contributions." [Dept. of Physiol., Univ. of Michigan, Ann Arbor.]

EXP. NEUROL. (1964) Vol. 9, pp. 1-16.

Z - Vol. 176, #2, p. 110, July 1964

James B. RANCK, JR.:

"Synaptic 'Learning' Due to Electro-osmosis: a Theory." [Univ. of Michigan, Ann Arbor.]

SCIENCE. (1964) Vol. 144, p. 187.

M. RAPOS:

"Contribution to the Problem of Microglia in the Peripheral Nerves."

BIOLOGIA (Bratislava). (1963) Vol. 18, p. 141.

W. RATHMAYER:

"The Problem of Paralysis Induced by the Wasp Philanthus Triangulum F."

Z. VERGL. PHYSIOL. (1962) Vol. 45, p. 413.

E. RAVIOLA:

"Histochemical Findings on Glia Cells and Glia Fibers in the Molecular Layer of the Cerebral Cortex in the Dog."
VERH. ANAT. GES. (1960) Vol. 57, p. 447.

D. J. REED, D. M. WOODBURY & R. L. HOLTZER:

"Brain Edema, Electrolytes and Skeletal Muscle."
ARCH. NEUROL. (1964) Vol. 10, pp. 604-616.

Kurt RETTIG & Ursula RETTIG:

"Acidity Ratios and Intestinal Bacteria in the Gastric Juice in Multiple Sclerosis." (Säureverhältnisse und Darmbakterien im Magensaft bei multipler Sklerose.) [Univ. Charitable Nerve Clin., & Medical Research Board, Friedrichshain, Berlin.]
PSYCHIAT. NEUROL. MED. PSYCHOL. (Leipzig). (1960) Vol. 12, pp. 90-94.

Z - Vol. 160, #2, pp. 173-174, Apr. 1961

Cl. REYMOND, E. ZANDER & Cl. GAILLOUD:

"A Case of Besnier-Boeck-Schaumann Disease with Meningo-Encephalitic Localization." (Un cas de maladie de Besnier-Boeck-Schaumann à localisation encéphalo-méningée.) [Univ. Med. Clin., Dept. of Neurosurg., Inst. of Path. Anat., Univ. of Lausanne.]
REV. MÉD. SUISSE ROM. (1961) Vol. 81, pp. 123-133.

Z - Vol. 164, #1, p. 5, Dec. 1961

Edward P. RICHARDSON, Jr.:

"Progressive Multifocal Leukoencephalopathy." [Charles S. Kubik Lab. for Neuropath., & James Homer Wright Path. Lab., Massachusetts General Hospital, & Depts. of Neuropath. & Neurol., Harvard Medical School, Boston.]

NEW ENGL. J. MED. (1961) Vol. 265, pp. 815-823.

Z - Vol. 165, #3, pp. 307-308, April 1962

W. D. RIDER:

"Radiation Damage to the Brain - A New Syndrome."
[Ontario Ca. Inst., Toronto, Ont.]

J. CANAD. ASSOC. RADIOL. (1963) Vol. 14, pp. 67-69.
(Quebec Meeting, March, 1963.)

Z - Vol. 174, #3, p. 329, March 1964

H. P. RIEDER, C. G. HONEGGER & R. KELLER:

"Histamine in the Blood and Urine of Multiple Sclerosis Patients." [Res. Lab., Neurol. Clin., Univ. of Basel; Inst. Hyg. & Occupational Physiol., Zurich.]
SCHWEIZ. ARCH. NEUROL. NEUROCHIR. PSYCHIAT. (1963) Vol. 92, pp. 371-381.

Z - Vol. 176, #3, p. 228, Aug. 1964

M. RILEY & A. B. PARDEE:

"Gene Expression: Its Specificity and Regulation."
ANN. REV. MICROBIOL. (1962) Vol. 16, pp. 1-34.

G. RITZEL, R. WÜTHRICH & H. P. RIEDER:

"Problem of the Antibodies Against Nervous Tissue in the
Blood Serum and CSF of Multiple Sclerosis Patients."
(Zur Frage der Antikörper gegen Nervengewebe in
Serum und Liquor von Multiple-Sklerose-Kranken.)
[Univ. Neurol. Clin. & School Medical Board, Basel.]
SCHWEIZ. MED. WSCHR. (1963) Vol. 93, pp. 1336-1339.

Z - Vol. 176, #2, p. 118, July 1964

Eduardo de ROBERTIS:

"Submicroscopic Morphology of the Synapse." [Inst.
Gen. Anat. & Embryol., Fac. Med. Sci., Univ. of
Buenos Aires.]
INT. REV. CYTOL. (1959) Vol. 8, pp. 61-96.

Z - Vol. 157, #1, pp. 2-3, July 1960

Eduardo de ROBERTIS:

"Some Old and New Concepts of Brain Structure.
(Symposium.)" [Inst. Gen. Anat. & Embryol.,
Fac. Med. Sci., Univ. of Buenos Aires.]
WORLD NEUROL. (1962) Vol. 3, pp. 98-111.

Z - Vol. 172, #2, p. 97, Oct. 1963

Eduardo de ROBERTIS & H. M. GERSCHENFELD:

"Submicroscopic Morphology and Function of Glial Cells."
[Inst. Gen. Anat. & Embryol., Fac. Med. Sci., Univ.
of Buenos Aires.]
INT. REV. NEUROBIOL. (1961) Vol. 3, pp. 1-65.

Eduardo de ROBERTIS, A. PELLEGRINO de IRALDI, G. RODRIGUEZ de LOREZ ARNAIZ & L. SALGANICOFF:

"Cholinergic and Non-Cholinergic Nerve Endings in Rat Brain. Part I. Isolation and Subcellular Distribution of Acetylcholine and Acetylcholinesterase." [Inst. Gen. Anat. & Embryol., Fac. Med. Sci., Univ. of Buenos Aires.]

J. NEUROCHEM. (1962) Vol. 9, pp. 23-35.

Z - Vol. 169, #1, pp. 21-22, Jan. 1963

Eugene ROBERTS:

"Some Aspects of the Biochemistry and Physiology of Gamma Aminobutyric Acid in the Central Nervous System. Symposium." [Dept. of Biochem., City of Hope Med. Center, Duarte, Calif.]

AMER. J. ORTHOPSYCHIAT. (1960) Vol. 30, pp. 15-22.

Z - Vol. 158, #1, p. 14, Oct., 1960

Eugene ROBERTS:

"The Synapse as a Cybernetic Unit: A Biochemist's Fantasy. A Discussion Paper." (Abridgment of paper given at the AIBS Conference, Princeton, Sept. 1963, to appear in full in the symposium volume, Learning, Remembering, and Forgetting, edited by Daniel Kimble (Science and Behavior Books).) [Dept. of Biochem., City of Hope Medical Center, Duarte, Calif.]

NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964) Vol. 2, #1, Jan.-Feb., 51 pp.

N. R. ROBERTS, R. R. COELHO, O. H. LOWRY & E. J. CRAWFORD:
"Enzyme Activities of Giant Squid Axoplasm and Axon Sheath."
J. NEUROCHEM. (1958) Vol. 3, pp. 109-115.

D. M. ROBERTSON & F. S. VOGEL:
"Concentric Lamination of Glial Processes in Oligodendroglomas."
J. CELL BIOL. (1962) Vol. 15, p. 313.

J. D. ROBERTSON:
"New Unit Membrane Organelle of Schwann Cells," p. 63 in
Biophysics of Physiological and Pharmacological Actions,
edited by A. M. Shanes. A.A.A.S., Washington,
D.C., 1961.

J. David ROBERTSON:
"The Unit Membrane of Cells and Mechanisms of Myelin
Formation." [Dept. of Anat., Univ. Coll., London;
& Harvard Medical School Res. Lab., McLean Hosp.,
Belmont, Mass.]
RES. PUBL. ASS. NERV. MENT. DIS. (1962) Vol. 40, pp. 94-
158.
(New York Meeting, Dec. 9-10, 1960.)

Z - Vol. 173, #3, p. 221, Jan. 1964

Eli ROBINS, H. Kenneth FISHER & Irene P. LOWE:

"Quantitative Histochemical Studies of the Morphogenesis of the Cerebellum. Part II. Two Beta-Glycosidases." [Depts. of Psychiat. & Neurol., Washington Univ. School of Med., St. Louis.]

J. NEUROCHEM. (1961) Vol. 8, pp. 96-104.

Z - Vol. 169, #1, p. 10, Jan. 1963

K. T. ROGERS:

"Studies on Chick Brain of Biochemical Differentiation Related to Morphological Differentiation and Onset of Function."

J. EXP. ZOOL. (1961) Vol. 145, p. 49.

V. ROGINA & N. GRČEVIĆ:

"Amnestic Syndrome in a Malignant Angio-Glioma of the Floor of the Third Ventricle." [Dept. of Neurol. & Psychiat., Fac. of Med., Univ. of Zagreb.]

NEUROPSIHIJATRIJA. (Zagreb, Yugoslavia). (1963) Vol. 11, pp. 102-109, with English Summary. [Serbo-Croatian]

Z - Vol. 177, #2, pp. 169-170, Sept. 1964

P. RÖHLICH, B. AROS & B. VIGH:

"Electron-Microscopic Study of the Neurosecretion in the Cerebral Ganglion of the Earthworm, Lumbricus Terrestris." (Elektronenmikroskopische Untersuchung der Neurosekretion im Cerebralganglion des Regenwurmes Lumbricus terrestris.) [Morphol. Div., Inst. Exp. Med., Hungarian Acad. Sci.; & Histol. Embryol. Inst., Med. Univ., Budapest.]

Z. ZELLFORSCH. (1962) Vol. 58, pp. 524-545.

Z - Vol. 171, #2, p. 100, July 1963

A. I. ROITBAK:

"Problem of the Nature of Cortical Inhibition." (Zur Frage der Natur der kortikalen Hemmung.) [Physiol. Inst., Acad. of Sci. of the Soviet Socialist Republic of Georgia, Tbilisi, Russia.]

Ž. VYSŠ. NERV. DEJAT. PAVLOVA. (1963) Vol. 13, pp. 859-869, with English Summary. [Russian]

Z - Vol. 177, #2, p. 101, Sept. 1964

Leon ROIZIN & Lawrence C. KOLB:

"Neuropathologic Relationship of Multiple Sclerosis to the Experimental Allergic Encephalomyelitis. Comparative Histologic and Some Histochemical Studies." [Dept. of Neuropath., New York State Psychiat. Inst., New York.]

PSYCHIAT. NEUROL. JAP. (1959) Vol. 61, pp. 483-540.

Z - Vol. 157, #2, p. 83, Aug. 1960

A. P. ROMODANOV:

"Glioblastomas in Children."

VOP. NEYROCHIR. (1960) Vol. 24, pp. 33-37, with English Summary, 63. [Russian]

Z - Vol. 165, #2, p. 194, March 1962

H. RONSE:

"Congenital Anomalies and Multiple Sclerosis." (Anomalie congénitale et sclérose en plaques.) [Belg. Neurol. Inst., Bruges.]

ACTA NEUROL. BELG. (1960) Vol. 60, pp. 511-519.

Z - Vol. 160, #1, p. 82, Mar. 1961

Remedios K. ROSALES & Helena E. RIGGS:

"Symmetrical Thalamic Degeneration in Infants." [Neuropath. Lab., Jefferson & Philadelphia Gen. Hosp., Philadelphia.]

J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 372-376.
(Meeting of Am. Assoc. of Neuropath., Atlantic City,
June 10, 1961.)

Z - Vol. 169, #2, p. 116, Feb. 1963

Augustus S. ROSE:

"Demyelinating Disease: Clinical Features," pp. 199-217 in
Mechanisms of Demyelination, edited by Augustus S.
Rose & Carl M. Pearson. McGraw-Hill, New York, 1963.

J. ROSENBLUTH & Sanford L. PALAY:

"The Fine Structure of Myelinated Bipolar Neurons of the
Eighth Nerve Ganglia in the Goldfish." [Lab. Neuro-
anatomical Sciences, Nat. Inst. Neurol. Dis. & Blindn.,
Nat. Inst. Health, Bethesda, Md.]

ANAT. REC. (1960) Vol. 136, p. 346. [Abstract]

J. ROSENBLUTH & Sanford L. PALAY:

"The Fine Structure of Nerve Cell Bodies and Their Myelin
Sheaths in the Eighth Nerve Ganglion of the Goldfish."
[Lab. Neuroanatomical Sciences, Nat. Inst. Neurol. Dis.
& Blindn., Nat. Inst. Health, Bethesda, Md.]

J. BIOPHYS. BIOCHEM. CYTOL. (1961) Vol. 9, pp. 853-877.

Hubert L. ROSOMOFF & Frederick T. ZUGIBE:

"Distribution of Intracranial Contents in Experimental Edema." [Lab. Exp. Surg., Dept. Anat., Univ. of Pittsburgh School of Med., & VA Hosp., Pittsburgh, Pa.]

ARCH. NEUROL. (1963) Vol. 9, pp. 26-34.

Z - Vol. 175, #1, pp. 11-12, April 1964

Constance A. C. ROSS:

"Rickettsial and Viral Antibodies in Multiple Sclerosis." [Univ. Reg. Virus Lab., Ruchill Hosp., Glasgow.]

BRIT. MED. J. (1962) I, pp. 1523-1524.

Z - Vol. 171, #3, p. 313, Aug. 1963

J. ROSS:

"The Demonstration of Auto-Antibodies (For Brain Extracts) in the Serum of Patients with Multiple Sclerosis." (Über den Nachweis von Autoantikörpern gegen Hirnextrakte im Serum von Kranken mit multipler Sklerose.) [Univ. Medical Clin., Bonn-Venusberg.]

VERH. DTSCH. GES. INN. MED. (1962) Vol. 68, pp. 566-568.

Z - Vol. 171, #1, p. 10, June 1963

Leonard L. ROSS, M. B. BORNSTEIN, & G. M. LEHRER:

"Electron Microscopic Observations of Rat and Mouse Cerebellum in Tissue Culture." (Columbia Univ., Coll. of Physicians and Surgeons, N.Y.)

J. CELL BIOL. (1962) Vol. 14, pp. 19-30.

E. ROTH:

"Motor Adaptive Functions and Old Age." (Motorische Anpassungsfunktionen und Alter.) [Psychol. Inst., Univ. of Erlangen.]

VITA HUM. (Basel). (1961) Vol. 4, pp. 86-111.

Z - Vol. 164, #1, p. 6, Dec. 1961

Gh. ROTH & Eva GYERGYAY:

"Histochemical Studies on Cerebral Tumors." (Recherches histochimiques des tumeurs cérébrales.)

STUD. CERCET. NEUROL. (1962) Vol. 7, pp. 193-210, with French Summary. [Rumanian]

Z - Vol. 171, #3, pp. 264-265, Aug. 1963

K. G. ROUTSONIS:

"Encephalitis with Demyelination, Following Penicillin Therapy. A Contribution to the Allergic Genesis of Acute Demyelinating Encephalomyelitides." (Entmarkungsenzephalitis nach Penicillintherapie. Ein Beitrag zur Allergischen Genese akuter Entmarkungsenzephalomyelitiden.) [Neuropath. Dept., Psychiat. & Neurol. Clin., Univ. of Hamburg; & Psychiat. & Neurol. Clin., Thessalonica.]

DTSCH. Z. NERVENHEILK. (1962) Vol. 183, pp. 449-466.

Z - Vol. 169, #3, p. 297, March 1963

Lucien J. RUBINSTEIN, Igor KLATZO & Jaime MIQUEL:
"Histochemical Observations on Oxidative Enzyme Activity
of Glial Cells in a Local Brain Injury." [Sect. of
Neuropath., Surg. Neurol. Branch, Nat. Inst. of Neu-
rol. Dis. & Blindn., Nat. Inst. of Health, Bethesda,
Md.]

J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 116-136.

Z - Vol. 168, #3, p. 224, Dec. 1962

Dorothy RUSSELL
"Perspectives in Neuropathology."
LANCET. (1962) II, pp. 309-311.

Z - Vol. 170, #3, p. 180, May 1963

Dorothy S. RUSSELL & Lucien J. RUBINSTEIN:
"Ganglioglioma: A Case with Long History and Malignant
Evolution." [Bernhard Baron Inst. of Path., The
London Hospital.]

J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 185-193.

Z - Vol. 169, #1, p. 89, Jan. 1963

S

Stanley SAMUELIS, Saul R. KOREY, Jacqueline GONATAS,
Robert J. TERRY & Martin WEISS:

"Studies in Tay-Sachs Disease. Part IV. Membranous
Cytoplasmic Bodies. 1. Biochemistry. 2. Ultra-
structure." [Dept. of Neurol., Albert Einstein
Coll. of Med., Yeshiva Univ., New York.]

J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, pp. 81-97.

Z - Vol. 173, #3, p. 232, Jan. 1964

Friedrich SANIDES:

"Comparative Morphological Studies on Small Nerve Cells
and on Glia Cells."

J. HIRNFORSCH. (1958) Vol. 4, pp. 113-148.

Walter F. SCHALLER:

"Autoinoculation Skin Reaction in Multiple Sclerosis.
Autoimmunization Treatment Based on the Hypothesis
of an Antigen-Antibody Reaction." [Neurol. Serv.,
VA Hosp., Oakland, Calif.]

NEUROLOGY. (1963) Vol. 13, pp. 851-854.

Z - Vol. 176, #3, p. 292, Aug. 1964

G. SCHALTENBRAND, H. SPULER & H. C. HOPF:

"Neurological Complications Following Vaccination with
Sabine Live Poliomyelitis Virus." (Neurologische
Komplikationen nach Schutzimpfung mit lebendem
Poliomyelitisvirus nach Sabin.) [Neurol Clin.,
Univ. of Würzburg.]

MÜNCH. MED. WSCHR. (1962) Vol. 104, pp. 1917-1924.

Z - Vol. 170, #2, p. 154, May 1963

K. SCHARENBERG:

"The Structures of the Glia and of the Synapses in the
Sympathetic Chain of Man."

Z. ZELLFORSCH. (1959-1960) Vol. 51, p. 431.

K. SCHARENBERG:

"The Silver Carbonate Technique for the Impregnation of the Astroglia."

J. NEUROPATH. EXP. NEUROL. (1960) Vol. 19, p. 622.

Joachim-Hermann SCHARF:

"The Nerve Fiber." (Die Nervenfasern.)

VERH. ANAT. GES. (Jena). Vol. for 1962, pp. 160-195.

(Supp. to Vol. 109, ANAT. ANZ. (1960-1961).)

(1st Europ. Anat. Congr., Strassburg, August 25-27, 1960.)

Z - Vol. 170, #1, pp. 16-17, April 1963

W. SCHÉDA & L. CSANÁDI:

"Rupture of Cerebral Ventricle in Hydrocephalus Occlusus."

(Gehirnventrikelruptur bei Hydrocephalus occlusus.)

[Paul Bugat Hospital, Gyöngyös, Hungary.]

PSYCHIAT. NEUROL. MED. PSYCHOL. (Leipzig). (1963) Vol.

15, pp. 93-99.

Z - Vol. 173, #2, p. 120, Dec. 1963

Arne SCHEIBEL: (UCLA)

Paper given at the Symposium on CORTICAL UNIT ANALYSIS AND MEMORY, Cal. Inst. Technology, Dec. 11-13, 1963.

[Contacts between epithelial glia (Fanus glia and Bergmann cells) and Purkinje cell dendrites. Gliaptic contacts.]

See Robert GALAMBOS:

"Cortical Unit Analysis and Memory. A Discussion Paper in the Form of a Report of a Recent Symposium at the California Inst. of Technology."

NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964)

Vol. 2, #1, p. 5.

Madge E. SCHEIBEL & Arnold B. SCHEIBEL:

"Neurons and Neuroglia Cells as Seen with the Light Microscope," pp. 5-23 in Biology of Neuroglia, edited by Wm. F. Windle. Charles C Thomas, Springfield, 1958.

Labe C. SCHEINBERG & Saul R. KOREY:

"Passive Transfer and Interference with Myelin Formation in the Prenatal State." [Div. of Neurol., Dept. of Med., Albert Einstein College of Med., Yeshiva Univ., New York.]

RES. PUBL. ASS. NERV. MENT. DIS. (1962) Vol. 39, pp. 109-118.

[New York Meeting, Dec. 11-12, 1959)

Z - Vol. 169, #1, p. 6, Jan. 1963

Labe C. SCHEINBERG, Kunihuko SUZUKI, Frederic EDELMAN & Leo M. DAVIDOFF:

"Studies in Immunization Against a Transplantable Cerebral Mouse Glioma." [Depts. Neurol. & Neurol. Surg., Albert Einstein Coll. of Med., Yeshiva Univ., New York.]

J. NEUROSURG. (1963) Vol. 20, pp. 312-317.

(Meeting of Harvey Cushing Soc., Chicago, May 2, 1962.)

Z - Vol. 174, #2, pp. 119-120, Feb. 1964

V. W. D. SCHENK:

"Haemorrhages in Spinal Cord with Syringomyelia in a Patient with Haemophilia." [Neuropath. Lab., Central Inst. Path., Municip. Hosp., Rotterdam.]

ACTA NEUROPATH. (Berlin). (1963) Vol. 2, pp. 306-308.

Z - Vol. 172, #3, pp. 242-243, Oct. 1963

B. SCHIEFER:

"The Morphology of Experimental Brain Tumors." (Zur Morphologie experimenteller Hirntumoren.) [Inst. Animal Pathol., Univ. of Munich.]

ACTA NEUROPATH. (Berlin). (1962) Supp., 1, pp. 19-25.
(4th Int. Congr. Neuropath., Munich, Sept. 4-8, 1961.)

Z - Vol. 172, #2, p. 98, Oct. 1963

B. SCHIEFER & E. DAHME:

"Primary Tumors of the Central Nervous System in Animals."
(Primäre Geschwülste des ZNS bei Tieren.) [Inst. Animal Pathol., Univ. of Munich.]

ACTA NEUROPATH. (Berlin). (1962) Vol. 2, pp. 202-212.

Z - Vol. 172, #2, p. 160, Oct. 1963

Davide SCHIFFER:

"Nuclear Morphological Research on Glial Tumors."
(Ricerche cariomorfologiche nei tumori gliali.)
[Clin. Nerv. & Ment. Dis., Univ. of Turin.]

MINERVA NEUROCHIR. (Turin). (1959) Vol. 3, pp. 147-156.

Z - Vol. 163, #1, p. 10, Oct. 1961

Davide SCHIFFER:

"Reflections on the Problem of the Malignant Degeneration of Astrocytomas." (Considerazioni sul problema della degenerazione maligna degli astrocitomi.) [Clin. Nerv. & Ment. Dis., Univ. of Turin.]

MINERVA NEUROCHIR. (Turin). (1959) Vol. 3, pp. 207-211.

Z - Vol. 162, #3, p. 289, Sept. 1961

Davide SCHIFFER & A. FABIANI:

"Contribution to the Histological Study of Ependymopathies in the Senile State." (Contributo allo studio istologico delle ependimopatie nell'età senile.) [Clin. Nerv. & Ment. Dis., Univ. of Turin.]
RIV. PAT. NERV. MENT. (1958) Vol. 79, pp. 693-711.

Z - Vol. 154, #2, p. 106, Feb. 1960

Davide SCHIFFER, A. FABIANI & C. VESCO:

"Thoughts on the Morphological Structural Aspects of Oligodendroglioma. Histological Study of 20 Cases." (Considerazioni sugli aspetti morfologico-strutturali dell'oligodendroglioma. Studio istologico di 20 casi.) [Clin. Nerv. & Ment. Dis., Univ. of Turin.]
ACTA NEUROL. (Naples). (1961) Vol. 16, pp. 683-703.

Z - Vol. 167, #3, p. 308, Sept. 1962

Davide SCHIFFER & Cesare VESCO:

"Pierre Marie's Varioliform Ependymopathy." (L'ependimopatia varioliforme di Pierre Marie.) [Clin. Nerv. & Ment. Dis., Univ. of Turin.]
RIV. NEUROBIOL. (1959) Vol. 5, pp. 457-476.

Z - Vol. 155, #1, p. 7, April 1960

Davide SCHIFFER & Cesare VESCO:

"Contribution to the Histochemical Demonstration of Some Dehydrogenase Activities in the Human Nervous Tissue." [Clin. Nerv. & Ment. Dis., Univ. of Turin.]
ACTA NEUROPATH. (Berlin). (1962) Vol. 2, pp. 103-112.

Z - Vol. 171, #2, p. 106, July 1963

Davide SCHIFFER & Cesare VESCO:

"Histochemical Observations About the Pattern of Tetrazolium Reduction, with Different Substrates, in Glia Cells of Normal and Pathological Human Nervous Tissue."
J. HISTOCHEM. CYTOCHEM. (1963) Vol. 2, p. 335.

Davide SCHIFFER, Cesare VESCO & Lucia PIAZZA:

"Contribution to the Histochemical Demonstration and Distribution of Phosphatases and Non-Specific Esterase in Human Nervous Tissue." [Clin. of Nerv. & Ment. Dis., Univ. of Turin.]
PSYCHIAT. ET NEUROL. (Basel). (1962) Vol. 144, pp. 34-47.

Z - Vol. 170, #1, p. 21, April 1963

F.-W. SCHLOTE:

"Neurosecretory Granules in the Peripheral Nerves and in the Neuro-Muscular Junction of Helix Pomatia."
Z. ZELLFORSCH. ABT. HISTOCHEM. (1963) Vol. 60, p. 325.

Wolfgang SCHLOTE:

"Glial Architecture of Human Cerebral Cortex in the Nissl Picture." (Zur Gliarchitektonik der menschlichen Grosshirnrinde im Nissl-Bild.) [Brain Res. Inst., Univ. of Leipzig, & Brain Path. Inst., German Res. Inst. for Psychiat., Max-Planck Inst., Munich.]
ARCH. PSYCHIAT. NERVENKR. (1959) Vol. 199, pp. 573-595.

Z - Vol. 157, #1, p. 3, July 1960

Wolfgang SCHLOTE:

"Morphological and Histochemical Studies on Retrograde Changes in Axons in the Central Nervous System."
(Morphologische und histochemische Untersuchungen an retrograden Axonveränderungen im Zentralnervensystem.) [Inst. Brain Path., German Res. Inst. f. Psychiat., Max-Planck-Inst., Munich.]
ACTA NEUROPATH. (Berlin). (1961) Vol. 1, pp. 135-158.

Z - Vol. 165, #3, p. 227, April 1962

H. SCHMALE:

"The Breakdown of Cephalin by Serum Enzymes in Normal and Sick People, with Special Reference to Multiple Sclerosis." (Über den Abbau von Kephalin durch Serumenzyme von Normalen und Kranken, mit besonderer Berücksichtigung der multiplen Sklerose.) [Res. Lab., Neurol. Polyclin., Univ. of Basel.]
CONFIN. NEUROL. (Basel). (1960) Vol.20, pp. 424-451.

Z - VOL. 161, #2, p. 187, June 1961

R. M. SCHMIDT & H. RENNERT:

"Pathophysiology of Van Bogaert's Leucoencephalitis." (Zur Pathophysiologie der Leukoenzephalitis van Bogaert.) [Clin. & Polyclin., f. Psychiat. & Neurol., Univ. of Wittenberg, Halle-Wittenberg.]
PSYCHIAT. NEUROL. MED. PSYCHOL. (Leipzig). (1962) Vol.14, pp. 241-251.

Z - Vol. 169, #3, p. 299, Mar. 1963

W. SCHMIDT:

"Light- and Electron-Microscope Studies on the Intracellular Processing of Vital Dyes." (Licht- und elektronenmikroskopische Untersuchungen über die intrazelluläre Verarbeitung von Vitalfarbstoffen.) [Anat. Inst., Univ. of Hamburg.]

Z. ZELLFORSCH. (1962) Vol. 58, pp. 573-637.

Z - Vol. 171, #3, p. 263, Aug. 1963

Francis O. SCHMITT:

"Axon-Satellite Cell Relationships in Peripheral Nerve Fibers" (Symposium). [Biol. Dept., Mass. Inst. Technology, Cambridge.]

EXP. CELL. RES. (1958) Supp. 5, pp. 33-57.

Z - vol. 153, p. 140, Dec. 1959

Francis O. SCHMITT:

"Macromolecular Specificity and Biological Memory," pp. 1-6 in book of same title, edited by the author. The M.I.T. Press, Cambridge, 1962.

Francis O. SCHMITT:

"Molecular and Ultrastructural Correlates of Function in Neurons, Neuronal Nets, and the Brain." [Mass. Inst. Technology & Neurosciences Research Program.]

NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964) Vol. 2, #3, May-June, pp. 43-76.

Francis O. SCHMITT:

"Molecules and Memory." [Mass. Inst. Technology, Cambridge,
& Neurosciences Research Program, Brookline, Mass.]
NEW SCIENTIST. (1964) Vol. 23, pp. 643-645.

Francis O. SCHMITT & Peter F. DAVISON:

"Molecular Biology of the Neurofilaments." (Biologie mo-
léculaire des neurofilaments.)
ACTUALITÉS NEUROPHYSIOLOGIQUES. (1961) Vol. 3, pp. 355-

R. SCHNABEL:

"The Histochemistry of Glia Fibres."
EXPERIENTIA (1961) Vol. 17, p. 28.

R. SCHNABEL:

"Histochemical Studies on Normal and Pathological Glia-
Fiber Structure." (Histochemische Untersuchungen
an normalen und pathologischen Gliafaserstrukturen.)
[Neuropath. Div., Path. Inst., Acad. Med.,
Magdeburg.]
PSYCHIAT. ET NEUROL. (Basel). (1963) Vol. 146, pp. 29-54.

Z - Vol. 175, #1, p. 10, April 1964

W. SCHOLZ:

"The Contribution of Patho-Anatomical Research to the
Problem of Epilepsy." [Res. Inst. Psychiat.,
Max-Planck-Inst., Munich.]
EPILEPSIA. (Amsterdam). (1959) Vol. 1, 4th Series, pp.
36-55.

Z - Vol. 155, #1, p. 6, Apr. 1960

A. SCHRADER & K. SCHWARZ:

"Fat Metabolism and Cerebrospinal Fluid. On the Metabolite Content in Fat Metabolism in Normal and Pathological CSF." (Fettstoffwechsel und Liquor cerebrospinalis. Über den Gehalt an Metaboliten des Fettstoffwechsels im normalen und pathologischen Liquor.) [2nd Med. Clin., City Hosp., Munich-Harlaching; 2nd Med. Clin., Univ. of Munich.]

MÜNCH. MED. WSCHR. (1963) Vol. 105, pp. 2493-2500.

Z - Vol. 177, #2, p. 106, Sept. 1964

Edmond SCHULLER:

"Present Prospects in Biochemical Research on Multiple Sclerosis." (Perspectives actuelles des recherches biochimiques sur la sclérose en plaques.) [Clin. Dis. Nerv. Syst., La Salpêtrière Hosp., Paris.]

PRESSE MÉD. (1963) Vol. 71, pp. 1470-1472.

Z - Vol. 177, #2, p. 106, Sept. 1964

Edmond SCHULLER:

"Biological Diagnosis in Multiple Sclerosis." (Le diagnostic biologique de la sclérose en plaques.)

VIE MÉD. (1964) Vol. 45, pp. 51-56.

Z - Vol. 177, #2, p. 165, Sept. 1964

R. L. SCHULTZ & D. C. PEASE:

"Cicatrix Formation in Rat Cerebral Cortex as Revealed by Electron Microscopy."

AMER. J. PATH. (1959) Vol. 35, p. 1017.

Robert L. SCHULTZ:

"Macroglial Identification in Electron Micrographs."

[Dept. of Anat., Loma Linda Univ., Loma Linda, Calif.]

J. COMP. NEUROL. (1964) Vol. 22, pp. 281-295.

L. Cl. SCHULZ:

"Cell-Count and Electron-Microscopic Studies on the Problem of Satellitosis in the Cerebral Cortex of Birds."

(Cytometrische und elektronenmikroskopische Untersuchungen zur Frage der Satellitose im Cortex cerebri der Vogeltiere.) [Path. Inst., Coll. Vet. Med., Hanover.]

ACTA NEUROPATH. (Berlin). (1962) Supp., 1, pp. 71-77.

Z - Vol. 173, #1, p. 11, Nov. 1963

L. C. SCHULZ & H. BEHRENS:

"The Pathogenesis of Encephalopathy Caused by Copper Deficiency in Lambs."

BEITR. PATH. ANAT. (1960) Vol. 122, p. 282.

George A. SCHUMACHER:

"Demyelinating Diseases."

NEW ENG. J. MED. (1960) Vol. 262, pp. 969-975, 1019-1025, 1069-1075, 1119-1126.

Z - Vol. 158, #3, p. 327, Nov. 1960

T. H. SCHWEDENBERG:

"Leukoencephalopathy Following Carbon Monoxide Asphyxia."
[Edinger Neurol. Inst., Frankfurt-am-Main, & Neuro-
pathol. Dept., Max-Planck-Inst. for Brain Research,
Giessen.]

J. NEUROPATH. EXP. NEUROL. (1959) Vol. 18, pp. 597-608.

Z - Vol. 158, #2, p. 203, Nov. 1960

G. SCOLLO-LAVIZZARI & Konrad AKERT:

"Cortical Area 8 and Its Thalamic Projection in Macaca
mulatta." [Inst. Brain Res., Univ. of Zurich.]

J. COMP. NEUROL. (1963) Vol. 121, p. 259.

R. SEITE & S. DURAND:

"Chemical Specificity of the Organized Lipoprotein
Elaborations of the Nerve Cell."

C. R. SOC. BIOL. (PARIS). (1961) Vol. 155, p. 853.

Franz SEITELBERGER:

"Remarks on the Work of P. B. Diezel & K. Huth on 'Merz-
bacher-Pelizaeus Disease with Familial Involvement.'"

(Bemerkungen zur Arbeit von P. B. Diezel & K. Huth
über "Pelizaeus-Merzbachersche Krankheit mit famili-
ärem Befall," in DTSCH. Z. NERVENHEILK., Vol. 184,
pp. 264-287, 1963.) [Neurol. Inst., Univ. of Vienna.]

DTSCH. Z. NERVENHEILK. (1963) Vol. 185, pp. 110-113.

Z - Vol. 176, #1, pp. 77-78, June 1964

Franz SEITELBERGER & Kurt JELLINGER: (Vienna)
"Fatal Encephalitis After Polio Vaccination." (Tödliche
Encephalitis nach Polio-Schutzimpfung.)
[Report at Joint Meeting of the Deutsche Gesellschaft für
Neurologie, the Schweizerische Neurologische Gesell-
schaft and the Vereinigung Deutscher Neuropathologen
und Neuroanatomen, at the Canton Hospital, Zurich,
Sept. 15-17, 1960.]
ZENTRALBLATT FÜR DIE GESAMTE NEUROLOGIE UND PSYCHIATRIE.
(1961) Vol. 161, #2, p. 175.

Z - see journal reference above, p. 175, June 1961.

Franz SEITELBERGER & Kurt JELLINGER:
"Rare Subacute Concentric Demyelinating Encephalitis."
(Eigenartige subakute konzentrische Entmarkungen-
cephalitis.) [Neurol. Inst., Univ. of Vienna.]
WIEN. Z. NERVENHEILK. (1962) Vol. 20, pp. 188-205.

Z - Vol. 173, #2, pp. 192-193, Dec. 1963

Franz SEITELBERGER & Kurt JELLINGER:
"The Pathological Anatomy of the Allergic Diseases of the
Nervous System." (Die pathologische Anatomie der al-
lergischen Erkrankungen der Nervensystems.) [Neurol.
Inst., Univ. of Vienna.]
WIEN. KLIN. WSCHR. (1963) Vol. 75, pp. 475-477, 480, &
Illus. p. 479.

Z - Vol. 174, #2, pp. 118-119, Feb. 1964

V. V. SEMENOVA-TYANE-CHANSKAYA:

"Changes in the Nervous System in the Acute Leucoses."
(Les modifications du système nerveux dans les leucoses aiguës.)

Ž. NEVROPAT. PSICHIAT. (1961) Vol. 61, pp. 1668-1674,
with French Summary. [Russian]

Z - Vol. 168, #1, pp. 12-13, Oct. 1962

M. SERCL, J. KOVARIK & J. JICHA:

"Study of the Lipid Values of the Blood Serum in Cases of
Multiple Sclerosis." (Etude des valeurs des lipides
du serum sanguin en cas de sclérose en plaques.)

[Neurol. Clin., Med. Fac., Univ. of Kradec Králové.]
ACTA NEUROL. SCAND. (1961) Vol. 37, pp. 317-324.

Z - Vol. 171, #2, p. 187, July 1963

William M. SHANKLIN, Marietta ISSIDORIDES & Maria SALAM:

"Histochemistry of the Cerebral Cortex from a Case of
Amaurotic Family Idiocy." [Depts. of Histol. &
Pediat., School of Med., Amer. Univ., Beirut.]

J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 284-293.

Z - Vol. 169, #2, p. 127, Feb. 1963

William M. SHANKLIN & Maria SALAM:

"A Comparison of the Histochemistry of the Cerebral Cortex from Siblings with Gargoylism and Tay-Sachs Disease." [Dept. Histol. & Pediat., School of Med., Amer. Univ., Beirut.]

ACTA NEUROVEG. (Vienna). (1963) Vol. 25, pp. 297-309.

Z - Vol. 175, #3, p. 240, May 1964

D. E. SHEFER & R. G. OBRAZTSOVA:

"The Clinical Picture and Morphology of De-differentiated Astrocytoma of the Cerebral Hemispheres."

VOP. NEYROCHIR. (1961) Vol. 25, #1, pp. 33-36, with English Summary. [Russian]

Z - Vol. 162, #2, p. 169, Aug. 1961

D. E. SHEFER, R. G. OBRAZSTSOVA & A. A. UDINTSEVA:

"Differential Diagnosis of Astrocytomas and Arachnoendotheliomas of Large Hemispheres of the Brain."

VOP. NEYROCHIR. (1962) Vol. 26, pp. 41-43. [Russian]

Z - Vol. 171, #1, pp. 73-74, June 1963

Frank E. SHERMAN, Richard L. DAVIS & Webb HAYMAKER:

"Subacute Inclusion Encephalitis. Report of a Case, with Observations on the Fluorescent Anti-Herpes Simplex Antibody Reaction." [Children's Hosp., Pittsburgh, Pa., & Armed Forces Inst. of Path., Washington, D.C.]

ACTA NEUROPATH. (Berlin). (1961) Vol. 1, pp. 271-288.

Z - Vol. 168, #3, p. 311, Dec. 1962

Kentaro SHIMIZU, Norio NAKAMURA & Hideo TERAQ:

"Mechanism of Traumatic Petechial Hemorrhages in the Brain -- Neurovascular Friction." [Dept. of Neurosurg., Fac. of Med., Univ. of Tokyo.]
J. NEUROSURG. (1962) Vol. 19, pp. 446-451.

Z - Vol. 170, #2, p. 84, May 1963

Akihisa SHIMODA:

"Electron-Optical Studies on the Perivascular Structure of the Brain, with Reference to the Changes in Cerebral Edema and Cerebral Swelling." [Path. Inst., Med. Fac., Hokkaido Univ., Sapporo.]
DTSCH. Z. NERVENHEILK. (1961) Vol. 183, pp. 78-98.

Z - Vol. 167, #3, pp. 220-221, Sept. 1962

William A. SIBLEY & Austin S. WEISBERGER:

"Demyelinating Disease of the Brain in Chronic Lymphatic Leukemia. Occurrence of a Case in the Husband of a Patient with Multiple Sclerosis." [Div. of Neurol., Dept. of Med., Western Res. Univ. Hosp., Cleveland.]
ARCH. NEUROL. (1961) Vol. 5, pp. 300-307.

Z - Vol. 166, #3, pp. 266-267, June 1962.

Richard L. SIDMAN, Margaret M. DICKIE, Stanley APPEL:

"Mutant Mice (Quaking and Jimpy) with Deficient Myelination in the Central Nervous System." [Lab. Cell. Neuropath., Harvard Medical School; Jackson Lab., Bar Harbor; Nat. Inst. Arthritis & Metab. Dis., Bethesda, Md.]
SCIENCE. (1964) Vol. 144, pp. 309-311.

Howard SIEDLER & Nathan MALAMUD:

"Creutzfeldt-Jakob's Disease. Clinicopathologic Report of 15 Cases and Review of the Literature. (With Special Reference to a Related Disorder Designated as Subacute Spongiform Encephalopathy.) [Langley Porter Neuropsychiat. Inst., San Francisco.]

J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, pp. 381-402. (Meeting of San Francisco Neurol. & Los Angeles Neurosurg. Socs., Pebble Beach, Calif., March 2, 1962.)

Z - Vol. 177, #1, p. 66, Sept. 1964

Joseph C. SIERACKI, Gerald FINE, Robert C. Horn, Jr. & Jose BEBIN:

"Central Nervous System Involvement in Whipple's Disease." [Depts. of Path. & Neuropath., Henry Ford Hosp., Detroit, Mich.]

J. NEUROPATH. EXP. NEUROL. (1960) Vol. 19, pp. 70-75.

Z - Vol. 157, #3, p. 205, Sept. 1960.

B. SIGURDSSON, P. A. PÁLSSON & L. VAN BOGAERT:

"Pathology of Visna. Transmissible Demyelinating Disease in Sheep in Iceland." [Inst. Exp. Path., Keldur, Reykjavik, Iceland; & Bunge Inst., Antwerp-Berchem.]

ACTA NEUROPATH. (Berlin). (1962) Vol. 1, pp. 343-362.

Z - Vol. 170, #1, p. 68, April 1963

Jacobo SILBERMAN, Humberto CRAVIOTO & Irwin FEIGIN:

"Cortico-Striatal Degeneration of the Creutzfeldt-Jakob Type." [Dept. of Path., New York Univ.-Bellevue Med. Center, New York.]

J. NEUROPATH. EXP. NEUROL. (1961) Vol. 20, pp. 105-118.

Z - Vol. 164, #3, p. 206, Feb. 1962

Jacobo SILBERMAN, Joseph DANCIS & Irwin FEIGIN:

"Neuropathological Observations in Maple Syrup Urine Disease. Branched-Chain Ketoaciduria." [Depts. of Path. & Pediat., New York Univ. School of Med., & Bellevue Hosp., New York.]

ARCH NEUROL. (1961) Vol. 5, pp. 351-363.

Z - Vol. 169, #3, pp. 228, Mar. 1963

Arthur M. SILVERSTEIN:

"Immunologic and Psychic Memory: An Examination of the Phenomenologic Similarities Between Two Biologic Mechanisms for the Acquisition, Storage and Use of Information." A Discussion Paper. [Immunobiology Branch, Armed Forces Inst. of Pathology, Washington.]

NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1963) Vol. 1, #1, Oct., 29 pp.

Surrinder SINGH & S. SACHDEV:

"Amyloid Neuropathy." [Dept. of Med., Med. Coll., Jabalpur.]

NEUROLOGY (Bombay). (1961) Vol. 9, pp. 172-173.

Z - Vol. 168, #3, pp. 225-226, Dec. 1962

Edir B. SIQUEIRA & Paul C. BUCY:

"Unusual Cause of Brown-Sequard Syndrome." [Sect. Neurol. Surg., Chicago Wesley Memorial Hosp.; Dept. Surg., Northwestern Univ. Med. School, Chicago.]

ARCH. NEUROL. (1963) Vol. 9, pp. 137-141.

Z - Vol. 176, #3, p. 236, Aug. 1964

Fritziöf S. SJÖSTRAND:

"The Structure and Formation of the Myelin Sheath," pp. 1-43 in Mechanisms of Demyelination, edited by Augustus S. Rose & Carl M. Pearson. McGraw-Hill, New York, 1963.

I. SMART:

"Neuroglia - an Example of the Evolution of 'Transport Cells' in a Tissue with Reduced Intercellular Space." PROC. ANAT. SOC. GREAT BRIT. IRELAND. (1961) Vol. 62, p. 324.

I. SMART:

"The Subependymal Layer of the Mouse Brain and Its Cell production as Shown by Radioautography After Thymidine- H^3 Injection." J. COMP. NEUROL. (1961) Vol. 116, pp. 325-347.

I. SMART & C. P. LEBLOND:

"Evidence for Division and Transformations of Neuroglia Cells in the Mouse Brain, as Derived from Radioautography After Injection of Thymidine- H^3 ." J. COMP. NEUROL. (1961) Vol. 116, pp. 349-367.

Barbara SMITH:

"Cerebral Pathology in Subarachnoid Haemorrhage." [Dept. of Path., St. Bartholomew's Hosp., London.] J. NEUROL. NEUROSURG. PSYCHIAT. (1963) Vol. 26, pp. 535-539.

Z - Vol. 176, #2, p. 164, July 1964

Barbara SMITH:

"Dehydrogenase Activity in Reactive and Neoplastic
Astrocytes."

BRAIN. (1963) Vol. 86, pp. 89-94.

Z - Vol. 176, #3, p. 217, Aug. 1964

Barbara SMITH & Lucien J. RUBINSTEIN:

"Histochemical Observation on Oxidative Enzyme Activity
in Reactive Microglia and Somatic Macrophages."

J. PATH. BACT. (1962) Vol. 83, p. 572.

C. E. SMITH:

"Is Memory a Matter of Enzyme Induction?" [San Jose State
Coll., Calif.]

SCIENCE. (1962) Vol. 138, pp. 889-890.

Z - Vol. 176, #3, pp. 224-225, Aug. 1964

J. F. SMITH, Robert L. McLaurin, James B. Nichols &
Arthur ASBURY:

"Studies in Cerebral Oedema and Cerebral Swelling. Part I.
The Changes in Lead Encephalopathy in Children Com-
pared with Those in Alkyl Tin Poisoning in Animals."
[Dept. of Path. & Div. of Neurosurg., Cincinnati
Gen. Hosp.]

BRAIN. (1960) Vol. 83, pp. 411-424.

Z - Vol. 164, #2, p. 109, Jan. 1962

James K. SMITH, Bruno GERSTL, M. G. TAVASTSTJERNA &
William R. PORTER:

"A Case of Sudanophilic Diffuse Sclerosis with Study of
the Brain Lipids." [VA Hosp., Oakland; Dept. of
Path., Univ. of California School of Med., San
Francisco.]

NEUROLOGY. (1961) Vol. 11, pp. 395-401.

Z - Vol. 164, #2, pp. 117-118, Jan. 1962

Marion C. SMITH:

"Nerve Fibre Degeneration in the Brain in Amyotrophic
Lateral Sclerosis." [Neurol. Unit. Med. Res. Coun-
cil, Nat. Hosp. F. Dis. of Nerv. Syst., London.]

J. NEUROL. NEUROSURG. PSYCHIAT. (1960) Vol. 23, pp. 269-
282.

Z - Vol. 162, #1, p. 4, July 1961

Hanns SOLCHER:

"Tumor Development from a Persisting Embryonic Granular
Layer of the Cerebral Cortex in a Late Form of Tu-
berous Sclerosis." (Tumorentwicklung aus einer
persistierenden embryonalen Körnerschicht der Gross-
hirnrinde bei einer Spätform der tuberösen Sklerose.)
[Neurol. Clin., Univ. of Würzburg.]

DTSCH. Z. NERVENHEILK. (1961) Vol. 182, pp. 60-68.

Z - Vol. 164, #3, p. 295, Feb. 1962

Arnold H. SOLOWAY, J. G. DE ROUGEMONT & William H. SWEET:
"The Re-establishment in Dogs of the Blood-Brain Barrier to
Tri-Isopropanolamine Borate." [Dept. of Neurosurg.,
Massachusetts General Hospital & Harvard Medical
School, Boston.]
NEUROCHIRURGIA (Stuttgart). (1960) Vol. 3, pp. 1-5.

Z - Vol. 160, #1, p. 12, March 1961

Patrick SOURANDER & Lars SVENNERHOLM:
"Sulphatide Lipidosis in the Adult with the Clinical
Picture of Progressive Organic Dementia
with Epileptic Seizures." [Dept. of Path. I,
& Inst. of Neurobiol., Univ. of Gothenburg.]
ACTA NEUROPATH. (Berlin). (1962) Vol. 1, 384-396.

Z - Vol. 171, #3, pp. 323-324, Aug. 1963

Alexander SPAIS, P. A. PALSSON & Ludo VAN BOGAERT:
"Pathology of Enzootic Ataxia of Lambs." [Clin. of Vet.
Med., Univ. of Thessalonica; Lab. of Exp. Path.,
Univ. of Reykjavik; & Lab. of Neuropath., Inst.
Bunge, Antwerp-Berchem.]
ACTA NEUROPATH. (Berlin). (1961) Vol. 1, pp. 56-72.

Z - Vol. 166, #1, pp. 93-94, May 1962

Warren M. SPERRY:

"The Biochemical Maturation of the Brain." [Dept. of Biochem., New York State Psychiat. Inst. & Coll. of Physicians & Surgeons, Columbia Univ., New York.]

RES. PUBL. ASS. NERV. MENT. DIS. (1962) Vol. 39, pp. 47-57.

(New York Meeting, Dec. 11-12, 1959.)

Z - Vol. 170, #2, p. 94, May 1963

O. SPOERRI:

"The Vascular Origin of the Subfornical Organ of the Rat." (Ueber die Gefässversorgung des Subfornikalorgans der Ratte.)

ACTA ANAT. (1963) Vol. 54, pp. 333-348.

F. C. STAM, F. A. DEIERKAUF & F. J. M. HESLINGA:

"Histochemical and Chromatographic Study of the Normal Myelin Sheath." [Neuropath. Lab., Valerius Clin., Amsterdam, & Dept. of Med. Chem., State Univ., Leyden.]

PSYCHIAT. NEUROL. NEUROCHIR. (Amsterdam). (1962) Vol. 65, pp. 242-253.

Z_ Vol. 170, #3, p. 185, May 1963

F. C. STAM, F. J. M. HESLINGA, F. A. DEIERKAUF & H. L. BOOIJ:

"Leucodystrophy of the Norman-Greenfield and Krabbe Type. Histochemical and Chromatographic Analysis of a Case of Metachromatic Leucodystrophy Compared with a Case of Krabbe's Disease." [Neuropath. Lab. of Valerius Clin., Amsterdam; & Dept. of Med. Chem., State Univ., Leyden.]

PSYCHIAT. NEUROL. NEUROCHIR. (Amsterdam). (1962) Vol. 65, pp. 254-265.

Z - Vol. 170, #3, p. 267, May 1963

St. STEFANKO, M. GUMINSKA & B. PIETRZYKOWA:

"Histochemical and Chemical Changes in the Brain in a Case of Amaurotic Family Idiocy." (Histochemische und chemische Veränderungen im Gehirn bei einem Fall von familiärer amaurotischer Idiotie.) [Neurol. Clin., Biochem. Inst.; Pediat. Clin., Med. Acad., Cracow.]

SCHWEIZ. ARCH. NEUROL. NEUROCHIR. PSYCHIAT. (1962) Vol. 90, pp. 295-300.

Z - Vol. 176, #1, p. 7, June 1964

Arthur A. STEIN & George EISINGER:

"Observations on Primary Brain Tumors with Fluorescent Microscopy." [Depts. of Path. & Neurol., Albany Med. Coll., Albany, N. Y.]

J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, pp. 170-174.

Z - Vol. 176, #1, p. 4, June 1964

Arthur A. STEIN, E. OPALKA & F. PECK:

"Fatty Acid Analysis of Brain Tumors by Gas Phase Chromatography." [Depts. of Path., Neurol. & Neurosurg., Albany Med. Coll.]

ARCH. NEUROL. (1963) Vol. 8, pp. 50-55.

Z - Vol. 172, #1, p. 7, Sept. 1963

O. STEINWALL:

"Transport Mechanism in Certain Blood Brain Barrier Phenomena, a Hypothesis."

ACTA PSYCHIAT. SCAND. (1961) Vol. 36, Suppl. 150, pp. 314-318.

(15th Congress of Scand. Neurologists, Copenhagen, Sept. 6-8, 1960.)

Z - Vol. 164, #2, p. 115, Jan. 1962

Per A. STENSRUD:

"Intracranial Tumours with Initial or Predominant Mental Symptoms."

NORD. MED. (1963) Vol. 70, pp. 871-873. [Norwegian]

Z - Vol. 175, #3, p. 300, May 1964

G. STERBA:

"On a Very Specific New Method for Demonstration of Neurosecretion."

ACTA BIOL. MED. GERM. (1961) Vol. 7, p. 228.

R. R. STRANG & H. NORDENSTAM:

"Dumb-Bell Ganglioneuroma of the Cervical Spine." [Depts. of Neurosurg. & Path., Serafimerlas., Stockholm.]
ACTA NEUROL. SCAND. (1962) Vol. 38, pp. 60-66.

Z - Vol. 168, #1, p. 65, Oct. 1962

G. STRUCK & M. KUHN:

"Comparative Light- and Electron-Microscopic Studies on Normal and Edematous Human Cerebral Cortex." (Vergleichende licht- und elektronenmikroskopische Untersuchungen an der normalen und ödematös veränderten Hirnrinde des Menschen.) [Neuropath. Lab., Univ. Nerve Clin., Freiburg-im-Breisgau.]
ARCH. PSYCHIAT. NERVENKR. (1963) Vol. 204, pp. 209-221.

Z - Vol. 175, #1, p. 12, Apr. 1964

Reinhold SULZMANN:

"The Problem of Interfibrous or Interfascicular Formation of Myelinic Substance, with Special Reference to the Behavior of the Macroglia and Microglia." (Zur Frage der interfibrären bzw. interfasciculären Bildung von myelinoider Substanz unter besonderer Berücksichtigung des Verhaltens der Makro- und Mikroglia.) [Anat. Inst., Univ. of Jena.]
DTSCH. Z. NERVENHEILK. (1961) Vol. 183, pp. 28-47.

Z - Vol. 166, #3, p. 182, June 1962

Reinhold SULZMANN:

"The Microscopic Morphology of Central Myelinated Nerve Fibers." (Die mikroskopische Morphologie der zentralen markhaltigen Nervenfasern.) [Anat. Inst., Jena.]

WISS. Z. UNIV. JENA, MATH.-NAT. REIHE. (1962) Vol. 11, pp. 197-245.

Z - Vol. 177, #2, p. 92, Sept. 1964

Reinhold SULZMANN:

"Optical and Electron Microscopic Evidence of Relations Between Microglia and Central Myelinated Nerve Fiber." (Licht- und elektronenmikroskopischer Nachweis von Beziehungen zwischen Mikroglia und zentraler markhaltiger Nervenfasern.) [Anat. Inst., Univ. of Greifswald.]

PSYCHIAT. NEUROL. MED. PSYCHOL. (Leipzig). (1963) Vol. 15, pp. 314-331.

Z - Vol. 175, #2, pp. 115-116, May 1964

S. SUNDERLAND & A. F. ROCHE:

"Axon-Myelin Relationships in Peripheral Nerve Fibers." [Dept. of Anat. & Histol., Univ. of Melbourne, Australia.]

ACTA ANATOMICA. (1958) Vol. 33, pp. 1-37.

Gunnar SVAETICHIN: (Venezuela)

Paper given at the Symposium on CORTICAL UNIT ANALYSIS AND MEMORY, Calif. Inst. Technology, Dec. 11-13, 1963.

[Dependency of fish retinal unit activity on the metabolic peculiarities of retinal glial cells.]

This paper cited in

Robert GALAMBOS:

"Cortical Unit Analysis and Memory. A Discussion Paper in the Form of a Report of a Recent Symposium at the California Inst. of Technology."

NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964) Vol. 2, #1, p. 2.

Gunnar SVAETICHIN, R. FATEHCHAND, M. LAUFER, P. WITKOVSKY, K. NEGISHI & A. SELVIN DE TESTA:

"Glia-Neuronal Interaction: Its Metabolic Dependence. An Open Theory Concerning the Nervous System." (Interaccion Glia-Neuronal: Su Dependencia Metabolica. Un Huera Teoria Acerca del Systema Nervosa.)

ACTA CIENTIFICA VENEZOLANA. (1963) Vol. 14, Suppl. 1, pp. 135-153.

Gunnar SVAETICHIN, M. LAUFER, G. METARAI, R. FATEHCHAND, E. VALLECALLE & J. VILLEGAS:

"Glial Control of Neuronal Networks and Receptors," in The Visual System: Neurophysiology and Psychophysics, edited by R. Jung & H. Kornhuber. Springer-Verlag, Berlin, 1961.

F. ŠVEHLA:

"The Importance of Disturbance of Venous Circulation in the Origin of Root Pain, Meningopathy and Spondylopathy."

ČSL. NEUROL. (1961) Vol. 24, pp. 418-423, with English Summary. [Czech]

Z - Vol. 167, #2, P. 194, Aug. 1962

Peter E. SYLVESTER:

"Cerebral Atrophy in Microcephalic Cousins." [Fountain Hosp., London.]

ARCH. DIS. CHILDH. (1959) Vol. 34, pp. 325-330.

Z - Vol. 158, #3, p. 301, Nov. 1960

L. SZEGEDY:

"Data on the 'Uremic' Damage to the Glial Structure of the Central Nervous System."

ACTA MORPH. ACAD. SCI. HUNGARY. (1963) Vol. 12, p. 227.

H. SZYDLOWSKA:

"The Fibroarchitectonics of the Cerebral Glia in Rana Esculenta."

FOLIA MORPH. (Warsaw). (1961) Vol. 12, p. 35.

T

Naohiko TAKAHATA:

"Electron Microscopic Studies on the Effect of [Electric] Shock on the Ultrastructure of the Cerebral Cortex." (Elektronenmikroskopische Untersuchungen zur Frage des Krampfeffektes auf die Ultrastruktur der Hirnrinde.) [Psychiat. & Nerve Clin., Hokkaido Univ., Sapporo.]

PSYCHIAT. NEUROL. JAP. (1963) Vol. 65, pp. 14-30 & Abstr. 2-3. [Japanese]

Z - Vol. 174, #3, p. 249, March 1964

Eiichi TANI & Shozo ISHII:

"Ontogenic Studies on the Rat Brain Capillaries in Relation to the Human Brain Tumor Vessels." [Surg. Div., Kyoto Univ. Med. School.]

ACTA NEUROPATH. (Berlin). (1962-1963) Vol. 2, pp. 253-270.

Z - Vol. 173, #2, p. 115, Dec. 1963

Ichiji TASAKI & J. J. CHANG:

"Electric Response of Glial Cells in Cat Brain." [Lab. Neurobiology, Nat. Inst. Health, Bethesda, Md.]

SCIENCE. (1958) Vol. 128, p. 1209.

Ichiji TASAKI:

"Movement of Radio-isotopes Across Squid Axon Membrane at Rest and During Activity," pp. 588-589 in Proc. I.U.P.S. XXII Int. Congr., Leiden, 1962. Excerpta Medica Int. Congr. Series #47.

Ichiji TASAKI:

"Permeability of Squid Axon Membrane to Various Ions."

[Lab. Neurobiol., Nat. Inst. Ment. Health, Nat. Inst. Health, Bethesda, Md., & Marine Biol. Lab., Woods Hole, Mass.]

J. GEN. PHYSIOL. (1963) Vol. 46, pp. 755-772.

Ichiji TASAKI & J. J. CHANG:

"Electric Response of Glia Cells in Cat Brain."

SCIENCE. (1958) Vol. 128, pp. 1209-1210.

Ichiji TASAKI & M. SHIMAMURA:

"Further Observations on Resting and Action Potential of Intracellularly Perfused Squid Axon." [Lab. Neurobiol., Nat. Inst. Health, Bethesda, Md., & Marine Biol. Lab., Woods Hole, Mass.]

PROC. NAT. ACAD. SCI. (1962) Vol. 48, pp. 1571-1577.

Ichiji TASAKI, A. WATANABE & T. TAKENAKA:

"Resting and Action Potential of Intracellularly Perfused Squid Giant Axon." [Lab. Neurobiol., Nat. Inst. Health, Bethesda, Md., & Dept. of Physiol., Tokyo Med. & Dent. Univ.]

PROC. NAT. ACAD. SCI. (1962) Vol. 48, pp. 1177-1184.

G. TASS & W. OSTROWSKI:

"The Distribution of the Antihyaluronidase Factor in the Serum Protein Fractions of Patients Suffering from Multiple Sclerosis." [Neurol. Dept., Univ. of Szeged, Hungary, & Dept. of Physiol. Chem., Med. School, Univ. of Cracow, Poland.]
ACTA PSYCHIAT. SCAND. (1961) Vol. 36, pp. 163-167.

Z - Vol. 163, #3, pp. 227-228, Nov. 1961

V. I. TAYTSLINE:

"Differential Diagnoses of Tumorous and Inflammatory Processes in the Region of the Third Cerebral Ventricle."
(Le diagnostic différentiel entre la lésion tumorale et inflammatoire de la région du III-ième ventricule cérébral.)

Ž. NEVROPAT. PSICHIAT. (1961) Vol. 61, pp. 534-539, with French Summary. [Russian]

Z - Vol. 164, #1, pp. 2-3, Dec. 1961

Paul TENG, John H. WAGNER & Melvin W. BUXBAUM:

"Giant Ependymoma of the Spinal Cord Associated with Papilledema. Review of Literature and Report of a Case." [Kaiser Foundn. Hosp., Los Angeles.]

A.M.A. ARCH. NEUROL. (1960) Vol. 2, pp. 657-662.

Z - Vol. 160, #2, p. 184, Apr. 1961

B. TERIO & L. MARTINO:

"The Glioneuron: Functional Unit of the Nervous System."

(Il glionevrone: Unità funzionale del sistema nervoso.) [Inst. Zool. & Comp. Anat., Univ. of Bari; Inst. Gen. Biol. & Genetics, Univ. of Naples.]

RIV. NEUROBIOL. (1963) Vol. 9, pp. 664-684.

Z - Vol. 177, #1, pp. 3-4, Sept. 1964

Robert D. TERRY:

"Fine Structure of Neurofibrillary Tangles in Alzheimer's Disease." [Neuropath. Lab., Dept. Path., Albert Einstein Coll. of Med., Yeshiva Univ., New York.]

J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, pp. 629-642.

Z - Vol. 175, #3, p. 236, May 1964

R. D. TERRY, Saul R. KOREY & M. WEISS:

"Electron Microscopy of the Cerebrum in Tay-Sachs Disease," p. 49 in Cerebral Sphingolipidoses. Academic Press, New York, 1962.

Robert D. TERRY & Martin WEISS:

"Studies in Tay-Sachs Disease. Part II. Ultrastructure of the Cerebrum."

J. NEUROPATH. EXP. NEUROL. (1963) Vol. 22, pp. 18-55.

Z - Vol. 175, #3, p. 238, May 1964

S. THIEFFRY, I. BERTRAND, Edith BARGETON, G. W. F. EDGAR & M. ARTHUIS:

"Amaurotic Idiocy in Infants, with Pronounced Changes in the White Matter." (Idiotie amaurotique infantile avec altérations graves de la substance blanche.)
REV. NEUROL. (1960) Vol. 102, pp. 130-152.

Z - Vol. 164, #2, p. 109, Jan. 1962

E. THOMAS:

"Changes in the Nervous System, on Intoxication with Low Carbon Halides. Anatomical Studies on Methyl Chloride Poisoning." (Veränderungen des Nervensystems bei Vergiftung mit niedrigen Halogenkohlenwasserstoffen. Anatomische Untersuchungen bei Methylchloridvergiftung.) [Path. Inst., City Hosp., Berlin-Spandau; Univ. Neurol. Inst. & Neuropath. Div., Max-Planck-Inst. f. Brain Res., Frankfurt-on-Main.]
DTSCH. Z. NERVENHEILK. (1960) Vol. 180, pp. 530-561.

Z - Vol. 158, #2, p. 126, Nov. 1960

E. THOMAS: (Frankfort)

"Herpes B-Virus Infection in Rhesus Monkeys and in Humans." (Die Herpes-B-Virusinfektion beim Rhesusaffen und beim Menschen.)

[Report at Joint Meeting of the Deutsche Gesellschaft für Neurologie, the Schweizerische Neurologische Gesellschaft, and the Vereinigung Deutscher Neuropathologen und Neuroanatomen, at the Canton Hospital, Zurich, Sept. 15-17, 1960. Main Theme: Inflammatory Diseases of the Nervous System.]

ZENTRALBLATT FÜR DIE GESAMTE NEUROLOGIE UND PSYCHIATRIE.
(1961) Vol. 161, #2, p. 173.

Z - see journal reference above, p. 173, June 1961.

E. THOMAS

"Dehydrogenases and Esterases in Unchanged and in Damaged Spinal Ganglia Cells in Man." (Dehydrogenases und Esterases in unveränderten und geschädigten Spinalganglienzellen vom Menschen.) [Neuropath. Div., Max-Planck-Inst. Brain Res.; Univ. Neurol. Inst., Frankfurt-on-Main.]

ACTA NEUROPATH. (Berlin). (1963) Vol. 2, pp. 231-245.

Z - Vol. 173, #1, pp. 11-12, Nov. 1963

E. THOMAS: (Frankfort)

(Discussion of the Main Theme: The Limbic System.)

[Meeting of the Südwestdeutsche Neurologen und Psychiater, Baden-Baden, June 8-9, 1963. Main Theme: The Limbic System.]

ZENTRALBLATT FÜR DIE GESAMTE NEUROLOGIE UND PSYCHIATRIE. (1964) Vol. 175, #3, pp. (217) and 228-229.

Z - see journal reference above, pp. 228-229, May 1964.

E. THOMAS & E. HENSCHEL:

"Herpes-B-Virus Myelitis and Encephalitis, in Man." (Über die Herpes-B-Virus-Myelitis und Encephalitis beim Menschen.) [Univ. Path. Inst., Marburg-on-the-Lahn; Neuropath. Div., Max-Planck-Inst. Brain Res.; & Univ. Neurol. Inst., Frankfurt-on-Main.]

DTSCH. Z. NERVENHEILK. (1960) Vol. 181, pp. 494-516.

Z - Vol. 164, #2, pp. 108-109, Jan. 1962

E. THOMAS & A. G. E. PEARSE:

"The Fine Localization of Dehydrogenases in the Nervous Myelin Sheath."

HISTOCHEMIE. (1961) Vol. 2, p. 266.

A. F. THOMSON & A. ALVAREZ:

"Histopathological Aspects of the Encephaloneuropathies of Diabetes." (Aspectos histopatológicos de las encefaloneuropatías diabéticas.) [Rio Hortega Lab. of Invert. Histol. & Histopathol.]

ACTA NEUROL. LAT.-AMER. (1960) Vol. 6, pp. 244-256.

Z - Vol. 165, #2, p. 107, March 1962

Jiří TICHÝ:

"Cholesterol in the Cerebrospinal Fluid."

CSL. NEUROL. (1961) Vol 24, 399-407, with English Summary. [Czech]

Z - Vol. 168, #1, pp. 21-22, Oct. 1962

W. TÖNNIS & W. WALTER:

"Glioblastoma Multiforme. Report on 2611 Cases." (Das Glioblastom multiforme. Bericht über 2611 Fälle.)

[Univ. Neurosurg. Clin., & Divs. Tumor Res. & Exp. Path., Max-Planck-Inst. Brain Res., Cologne.]

ACTA NEUROCHIR. (Vienna). (1959) Supp., 6, pp. 40-62.

(10th Annual Meeting, Dtsch. Ges. f. Neurochir. & Vereinig. Schweiz. Neurochir., Zurich, July 24-26, 1958.)

Z - Vol. 158, #2, p. 208, Nov. 1960

Richard M. TORACK:

"Ultrastructure of Capillary Reaction to Brain Tumors."

[Lucy and Henry Moses Res. Laborat., Montefiore
Hosp., New York.]

ARCH. NEUROL. (1961) Vol. 5, pp. 416-428.

Z - Vol. 170, #1, p. 20, April 1963

Richard M. TORACK & Russell J. BARNETT:

"Nucleoside Phosphatase Activity in Neurons and Glia

Investigated by Electron Microscopy."

J. HISTOCHEM. CYTOCHEM. (1963) Vol. 11, p. 763.

Richard M. TORACK & Russell J. BARNETT:

"The Fine Structural Localization of Nucleoside Phosphatase
Activity in the Blood-Brain Barrier."

J. NEUROPATH. EXP. NEUROL. (1964) Vol. 23, p. 46.

Richard M. TORACK & Russell J. BARNETT:

"Fine Structural Localization of Cholinesterase Activity
in the Rat Brain Stem." [Dept. of Anat., Yale Univ.
School of Med., New Haven.]

EXP. NEUROL. (1962) Vol. 6, pp. 224-244.

Z - Vol. 173, #2, p. 124, Dec. 1963

Richard M. TORACK, R. D. TERRY & H. M. ZIMMERMAN:
"The Fine Structure of Cerebral Fluid Accumulation.
Part I. Swelling Secondary to Cold Injury." (Dept.
of Anat., Yale Univ. School of Med., New Haven.)
AMER. J. PATHOL. (1959) Vol. 35, pp. 1135-1147.

Richard M. TORACK, R. D. TERRY & H. M. ZIMMERMAN:
"The Fine Structure of Cerebral Fluid Accumulation.
Part II. Swelling Produced by Triethyl Tin Poisoning
and Its Comparison with That in the Human Brain."
AMER. J. PATH. (1960) Vol. 36, p. 273.

I. V. TORS'KA:
"Phenomena of Amitotic Division of Nerve Cells in the
Central Nervous System of Adult Dogs."
FIZIOL. ZH. (1963) Vol. 9, p. 34.

Werner M. TREFF:
"Gross Determination of the Nerve Cells and Glia Cells in
the Medial Caudate Nucleus, with Sections of Different
Thicknesses." (Größenbestimmung der Nervenzellen und
Gliazellen im Caudatum mediale bei unterschiedlicher
Schnittdicke.) [Inst. Brain Res. & Gen. Biol., Neu-
stadt-in-the-Black-Forest.]
J. HIRNFORSCH. (1963) Vol. 6, pp. 123-136.

Z - Vol. 177, #1, p. 4, Sept. 1964

Werner M. TREFF & K.-J. HEMPEL:

"The Problem of Quantitatively Demonstrable Pathologico-Anatomic Findings in Catatonia. Part II. Cellular Changes." (Zur Frage quantitativ nachweisbarer pathologisch-anatomischer Befunde bei der Katatonie. II. Zellveränderungen.) [Inst. Brain Res. & Gen. Biol., Neustadt-in-the Black Forest; & Path. Inst., Univ. of Mainz.]

ARCH. PSYCHIAT. NERVENKR. (1959) Vol. 199, pp. 508-518.

Z - Vol. 158, #3, p. 279, Nov. 1960

Werner M. TREFF & K.-J. HEMPEL:

"Quantitative Investigations of the Relative Volume of Cells and Cell Nuclei in Clinically Healthy Persons and Schizophrenics." (Quantitative Untersuchungen über relative Zell- und Zellkernvolumina bei klinisch Gesunden und Schizophrenen.) [Inst. Brain Res. & Gen. Biol., Neustadt-in-the-Black-Forest; & Path. Inst., Univ. of Leipzig.]

J. HIRNFORSCH. (1959) Vol. 4, pp. 412-454.

Z - Vol. 155, #1, p. 7, April 1960

Elizabeth TRUBE-BECKER:

"Changes in the Ependyma and the Subependymal Zones of the Brain 32 Years After a Head Injury." (Veränderungen am Ependym und den subependymären Zonen des Gehirns 32 Jahre nach einem Kopf-Trauma.) [Inst. Legal Med., Acad. Med., Dusseldorf.]

DTSCH. Z. GES. GERICHTL. MED. (1961) Vol. 51, pp. 12-17.

Z - Vol. 162, #2, p. 99, Aug. 1961

O. TRUJILLO-CENÓZ:

"Some Aspects of the Structural Organization of the Arthropod Ganglia." [Dept. of Cell Ultrastructure, Inst. Invest. Biol. Sci., Montevideo, Uruguay.]

Z. ZELLFORSCH. (1962) Vol. 56, pp. 649-682.

H. TSCHABITSCHER & H. SCHINKO:

"Iron Deficiency Syndrome with Hepato-Lenticular Degeneration (Wilson's Disease)." (Eisenmangelsyndrom bei hepato-lentikulärer Degeneration (Morbus Wilson).) [Psychiat.-Neurol. Clin., Univ. of Vienna.]

WIEN. KLIN. WSCHR. (1962) Vol. 74, pp. 694-696.

Z - Vol. 171, #1, p. 9, June 1963

Robert D. TSCHIRGI:

"The Blood-Brain Barrier", pp. 130-138 in Biology of Neuroglia, edited by Wm. F. Windle. Charles C Thomas, Springfield, 1958.

Takako TSUJIYAMA:

"Morphological Study of the Senile Changes of the Brain." [Dept. of Neuropsychiat., Keio Univ. School of Med., Tokyo.]

PSYCHIAT. NEUROL. JAP. (1960) Vol. 62, pp. 952-960, & Abstr. 51-52. [Japanese]

Z - Vol. 161, #3, pp. 244-245, July 1961

Yoshimitsu TSUJIYAMA:

"A Histopathological Study of the Cerebellum." [Dept.
Neuropsychiat., Keio Univ. School of Med., Tokyo.]
PSYCHIAT. NEUROL. JAP. (1962) Vol. 64, pp. 846-859, &
Abstr. 64-66.

Z - Vol. 173, #2, p. 117, Dec. 1963

L. B. TSYPKINE:

"The Microglia Reaction in Senile Dementia and the Contri-
bution of Microglia in the Structural Genesis of Sen-
ile Multiple Sclerosis."

ZH. NEVROPAT. I PSIKHIAT. (1959) Vol. ?, p. 1325. [Rus-
sian]

Naip TUNA, John LOGOTHETIS & Rudolf KAMMERECK:

"Fatty Acids in Spinal Fluid and Serum of Patients with
Demyelinating Disorders." [Dept. Int. Med., & Div.
Neurol., Univ. of Minnesota Med. School, Minneapolis.]
NEUROLOGY. (1963) Vol. 13, pp. 381-385.

Z - Vol. 173, #2, p. 145, Dec. 1963

N. A. TUQAN & C. W. M. ADAMS:

"Histochemistry of Myelin. Part I. Proteins and Lipid-
Protein Complexes in the Normal Sheath." [For Part
II, see C. W. M. ADAMS & N. A. TUQAN.] [Dept. of
Path., Guy's Hosp. Med. School, London.]

J. NEUROCHEM. (1961) Vol. 6, pp. 327-332.

Z - Vol. 168, #2, p. 117, Nov. 1962

C. C. TURBES & L. W. FREEMAN:

"Morphologic Findings in Studies of Regeneration of Synapses in the Mammalian Spinal Cord." [Depts. of Physiol. & Pharmacol., School of Vet. Sci. & Med., Purdue Univ., Lafayette; & Dept. of Surg., Indiana Univ. Med. Center, Indianapolis.]

NEUROLOGY. (1961) Vol. 11, pp. 970-976.

Z - Vol. 168, #2, p. 107, Nov. 1962

C. R. TUTHILL:

"The Morphological Wernicke Complex in Early Childhood. Familial Disease in Twins Seven Months Old." (Der morphologische Wernicke-Komplex im frühen Kindesalter. Familiäre Erkrankung bei 7 Monate alten Zwillingen.) [Brain Path. Inst., German Res. Inst. Psychiat., Max-Planck-Inst., Munich.]

ARCH. PSYCHIAT. NERVENKR. (1960) Vol. 200, pp. 520-530.

Z - Vol. 160, #3, p. 204, May 1961

John S. TYTUS:

"Differentiation of Tumors Arising in Area of the Posterior Third Ventricle." [Dept. of Surg., Sect. of Neurosurg., Univ. of Michigan Hosp., Ann Arbor; Depts. of Neurol. & Neurosurg., Mason Clin., Seattle.]

NEUROLOGY. (1960) Vol. 10, pp. 654-657.

Z - Vol. 162, #2, p. 168, Aug. 1961

U

Koji UCHIZONO & Yoshio MATSUMOTO:

"An Application of a New Method for Recording the Action Potential of the Single Myelinated Nerve Fiber to Detect the Cobalt-Ion Effect." [Dept. of Physiol., School of Med. & Neurol. Inst., Univ. of Niigata.]
JAP. J. PHYSIOL. (1958) Vol. 8, pp. 319-328.

Z - Vol. 155, #1, p. 12, Apr. 1960

G. ULE & F. W. KOLKMANN:

"The Ultrastructure of the Perifocal and Histotoxic Cerebral Edema in the Rat. Part I. Studies on the Cerebral and Cerebellar Cortex." (Zur Ultrastruktur des perifokalen und histotoxischen Hirnödems bei der Ratte. I. Untersuchungen an der Gross- und Kleinhirnrinde.) [Path. Inst., Univ. of Kiel.]
ACTA NEUROPATH. (Berlin). (1962) Vol. 1, pp. 519-526.

Z - Vol. 173, #2, pp. 116-117, Dec. 1963

A. URBANKE:

"Proliferating Glia in the Endometrium."
GYNAECOLOGIA. (1962) Vol. 153, p. 349.

Hans H. USSING:

"Ionic Movements in Cell Membranes in Relation to the Activity of the Nervous System." [Dept. of Biological Isotope Res., Zoophysiol. Lab., Univ. of Copenhagen.]
ERGBN. PHYSIOL. (1959) Vol. 50, pp. 159-173.

Z - Vol. 159, #3, p. 205, Jan. 1961

J. D. UTLEY:

"Gamma Amino Butyric Acid and 5-Hydroxy Tryptamine Concentrations and Glial Cells in the Medial Geniculate Body of the Cat."

BIOCHEM. PHARMACOL. (1963) Vol. 12, p. 1228.

Betty Geren UZMAN:

"The Role of Neuroglia Cells in Myelin Formation," pp. 73-74 & Discussion pp. 74-82 in Biology of Neuroglia, edited by Wm. F. Windle. Charles C Thomas, Springfield, 1958.

L. Lahut UZMAN & Marilyn K. RUMLEY:

"Changes in the Composition of the Developing Mouse Brain During Early Myelination." [Neurol. Unit., Boston City Hosp., & Dept. of Neurol., Harvard Medical School, Boston.]

J. NEUROCHEM. (1958) Vol. 3, pp. 170-184.

Z - vol. 153, #1, pp. 32-33, Dec. 1959

G. UZUNOV, S. BOZHINOV & I. GEORGIEV:

"Anatomoclinical Study of Hyperkinetic Subacute Progressive Encephalitis in Bulgaria."

IZ. INST. KLIN. OBSHCHEST. MED. (1960) Vol. 4, p. 39

V

L. VALENCIANO, Jr.:

"Fibrillary Damage in the Ependymal Cells." (Sobre las lesiones fibrilares de las células del epéndimo.)
ARCH. NEUROBIOL. (Madrid). (1959) Vol. 22, pp. 76-191.

Z - Vol. 154, #1, p. 4, Jan. 1960.

Ludo VAN BOGAERT:

"Studies on Spontaneous Primary Encephalitides in the Monkey. Part I. A Polio-Encephalitis with Predilection for the Brain Stem in the Baboon (*Papio Hamadryas*)."
[Antwerp. Zool. Gardens, & Lab. Neuropath., Bunge Inst., Antwerp-Berchem.]

J. NEUROPATH. EXP. NEUROL. (1959) Vol. 18, pp. 294-305.

Z - Vol. 155, #2, pp. 185-186, April 1960

Ludo VAN BOGAERT:

"Studies on Spontaneous Primary Encephalitides in the Monkey. Part II. Encephalitis with a Cortico-Striate Predilection in the Baboon (*Papio Hamadryas*)."
[Antwerp Zool. Gardens, & Lab. Neuropath., Bunge Inst., Antwerp-Berchem.]

J. NEUROPATH. EXP. NEUROL. (1959) Vol. 18, pp. 306-312.

Z - Vol. 155, #2, p. 186, April 1960

Ludo VAN BOGAERT:

"Studies on Spontaneous Primary Encephalitides in the Monkey. Part III. Diffuse, Non-Suppurative Meningo-Encephalitides with Subacute and Chronic Course." [Antwerp Zool. Gardens, & Lab. Neuropath., Bunge Inst., Antwerp-Berchem.]

J. NEUROPATH. EXP. NEUROL. (1959) Vol. 18, pp. 313-323.

Z - Vol. 155, #2, p. 186, April 1960

Ludo VAN BOGAERT:

"Present-Day Encephalitides of western and Central Europe."

INT. J. NEUROL. (Montevideo). (1960) Vol. 1, pp. 285-299.

Z - Vol. 168, #3, p. 312, Dec. 1962

Ludo VAN BOGAERT:

"Spongy Degeneration Processes in the Nervous System of Small Children. Two Unusual Anatomical-Clinical Aspects." (Les dégénérescences spongieuses du système nerveux infantile. Deux aspects anatomo-cliniques particuliers.) [Serv. Neurol. & Lab. Neuropath., Bunge Inst., Antwerp-Berchem.]

WORLD NEUROL. (1960) Vol. 1, pp. 396-408.

Z - Vol. 164, #1, p. 2, Dec. 1961

Ludo VAN BOGAERT, G. W. F. EDGAR & D. KARCHER:
"Diffuse Orthochromatic Type (with Sudanophilic Matter)
of Familial Leucodystrophy (Huys Family). (Type
orthochromatique (à substance soudanophile diffus
de la leucodystrophie familiale (famille Huys).)
[Lab. of Neuropath., Bunge Inst., Antwerp-Berchem.]
ACTA NEUROPATH. (Berlin). (1961) Vol. 1, pp. 289-307.

Z - Vol. 166, #3, p. 267, June 1962

Ludo VAN BOGAERT & Jos MACKEN:
"Dementia with Subacute Course and Severe Cachexia: Con-
centric Encephalitis (Baló)." (Démence avec cachexie
grave à évolution subaiguë: encéphalite concentrique
(Baló).) [Bunge Inst., Antwerp-Berchem.]
DTSCH. Z. NERVENHEILK. (1963) Vol. 185, pp. 393-402.

Z - Vol. 175, #3, pp. 294-295, May 1964

Ludo VAN BOGAERT & Et. MATTHYS:
"Multiple Sclerosis in Infants. Anatomical and Clinical
Study." (La sclérose en plaques chez l'enfant.
Etude anatomoclinique.) [Serv. Neuropath., Inst.
Bunge, Antwerp-Berchem.]
ACTA NEUROL. BELG. (1959) Vol. 59, pp. 815-822.

Z - Vol. 156, #1, pp. 84-85, May 1960

F. A. VANDENHEUVEL:
"Studies of Biological Structure at the Molecular Level
with Stereomodel Projections. Part I. The Lipids in
the Myelin Sheath of Nerve."
J. AM. OIL CHEMISTS' SOC. (1963) Vol. 40, pp. 455-471.

H. VAN DER LOOS:

"A Substrate for Ephaptic Action of Neurons in the Cerebral cortex?" (Dept. of Anat., Johns Hopkins School of Med., Baltimore, Md.)

TWELFTH INT'L CONGR. OF PHYSIOLOGICAL SCIENCES. (1962)

P. VAN GEUCHTEN & J. M. BRUCHER:

"The Transitional Form of Schilder's Diffuse Cerebral Sclerosis." (La forme transitionnelle de la sclérose cérébrale diffuse de Schilder.) [Univ. Neurol. Inst., Louvain.]

REV. NEUROL. (1961) Vol. 104, pp. 108-125.

Z - Vol. 165, #3, p. 307, April 1962

A. VAN HARREVELD:

"Asphyxial Changes in the Cerebellar Cortex." (Div. Biol., Cal. Inst. Tech., Pasadena.)

J. CELL COMP. PHYSIOL. (1961) Vol. 57, pp. 101-10.

A. VAN HARREFELD: (Cal. Inst. Technology)

Paper given at the Symposium on CORTICAL UNIT ANALYSIS AND MEMORY, Cal. Inst. Technology, Dec. 11-13, 1963. [Extracellular space in brain. EM pictures and measurements, including glia-glial contacts, etc.]

See Robert GALAMBOS:

"Cortical Unit Analysis and Memory. A Discussion Paper in the Form of a Report of a Recent Symposium at the California Inst. of Technology."

NEUROSCIENCES RESEARCH PROGRAM BULLETIN. (1964)
Vol. 2, #1, p. 4.

A. VAN HARREVELD:

"Extracellular Space in Central Nervous Tissue." (Div. Biol., Cal. Inst. Tech., Pasadena.)
FED. PROC. (1964) Vol. 23, p. 304.

A. VAN HARREVELD, N. K. HOOPER & J. T. CUSICK:

"Brain Electrolytes and Cortical Impedance." (Div. Biol., Cal. Inst. Tech., Pasadena.)
AMER. J. PHYSIOL. (1961) Vol. 201, pp. 139-143.

A. VAN HARREVELD & J. P. SCHADÉ:

"On the Distribution and Movements of water and Electrolytes in the Cerebral Cortex." [Div. Biol., Cal. Inst. Tech., Pasadena.]

(In book, "Structure and Function of the Cerebral Cortex," ed. D. B. Tower & J. P. Schadé, the Proceedings of the 2nd Int. Meeting of Neurobiologists, Amsterdam, 1959. Elsevier Pub. Co., Amsterdam (1960).)

A. VAN HARREVELD & J. P. SCHADÉ:

"Changes in the Electrical Conductivity of Cerebral Cortex During Seizure Activity." (Div. Biol., Cal. Inst. Tech., Pasadena.)
EXP. NEUROL. (1962) Vol. 5, pp. 383-400.

A. VAN HARREVELD & J. P. SCHADÉ:

"Nerve Cell Destruction by Asphyxiation of the Spinal Cord." (Div. Biol., Cal. Inst. Tech., Pasadena.)
J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 410-423.

A. VAN HARREVELD & S. TACHIBANA:

"Recovery of Cerebral Cortex from Asphyxiation." (Div. Biol., Cal Inst. Tech., Pasadena.)

AMER. J. PHYSIOL. (1962) Vol. 202, pp. 1199-1202.

Wiescher H. VAN HOUTEN & Reinhard L. FRIEDE:

"Histochemical Studies of Experimental Demyelination Produced with Cyanide." [Ment. Health. Res. Inst., Univ. of Michigan, Ann Arbor.]

EXP. NEUROL. (1961) Vol. 4, pp. 402-412.

Z - Vol. 167, #1, p. 6, July 1962

M. VAN RYMENANT & J. OTTEN:

"Proportions of Isocitric Dehydrogenase, Lactic Dehydrogenase, and Glutamic-Oxalacetic Transaminase in the Cerebrospinal Fluid in Multiple Sclerosis." (Dosage de la déshydrogénase isocitrique, de la déshydrogénase lactique et de la transaminase glutamique-oxalacétique du liquide céphalo-rachidien dans la sclérose en plaques.) [Med. Serv. & Res. Clin., Jules Bordet Inst.; Tumor Center; Nat. Center Mult. Scler.; Children's Med. Serv.; St. Pierre Hosp.; Free Univ., Brussels.]

ACTA NEUROL. BELG. (1963) Vol. 63, pp. 454-459.

Z - Vol. 176, #1, pp. 16-17, June 1964

Marc VAN SANDE:

"Contribution to the Study of Cerebral Proteins and Two Enzymes (the Dehydrogenase of Lactic Acid and of Malic Acid) in the Central Nervous System." (Contribution à l'étude des protéines cérébrales et de deux enzymes (la déhydrogénase de l'acide lactique et la déhydrogénase de l'acide malique) du système nerveux central.)

AN. SOC. ROY. SCI. MED. NAT. BRUX. (1962) Vol. 15, pp. 5-62 & 65-119.

Z - Vol. 173, #2, p. 131, Dec. 1963

S. VARON, C. W. RAIBORN, JR., T. SETO & Charles M. POMERAT:

"A Cell Line from Trypsinized Adult Rabbit Brain Tissue." [Pasadena Foundn. for Med. Res., Pasadena.]

ZEIT. F. ZELLFORSCH. (1963) Vol. 59, pp. 35-46.

W. J. C. VERHAART:

"The Anatomy of Sensibility; Anatomical Aspects of Centripetal Conduction Systems in the C.N.S. Concerned with Sensibility." [Inst. Neurol. Sci., Royal Univ. of Leyden, Netherlands.]

FOLIA PSYCHIAT. NEERL. (1959) Vol. 62, pp. 503-522.

(Meeting of Netherl. Soc. of Psychiat. & Neurol., Utrecht, December 19, 1959.)

Z - Vol. 162, #1, pp. 1-2, July 1961

W. J. C. VERHAART:

"Polio-encephalopathy or Masked Encephalitis in Familial Hypogammaglobulinaemia." [Inst. Neurol. Sci., Royal Univ. of Leyden, Netherlands.]

J. NEUROPATH. EXP. NEUROL. (1961) Vol. 20, pp. 380-385.

Z - Vol. 169, #3, p. 241, March 1963

T. P. VERKHOGLYADOVA:

"The Problem of Malignant Ependymoma." (Le problème de l'ependimome maligne.)

Ž. NEVROPAT. PSICHIAT. (1961) Vol. 61, pp. 504-508, with French Summary. [Russian]

Z - Vol. 164, #1, pp. 79-80, Dec. 1961

G. L. VIALE:

"Histochemical Research on the Cholinesterase in Brain Tumors." (Histochemische Untersuchungen über die Cholinesterase in Hirngeschwülsten.) [Div. Tumor Res. & Exp. Path., Max-Planck-Inst. Brain Res., & Neurosurg. Clin., Univ. of Cologne.]

ACTA NEUROPATH. (Berlin). (1962) Vol. 2, pp. 73-85.

Z - Vol. 173, #1, pp. 28-29, Nov. 1963

G. L. VIALE, H. NASU, & D. ZACCHEO:

"Demonstration of Dehydrogenase and Diaphorase in the Cerebellum." (Über den Dehydrogenase- und Diaphorase Nachweis im Kleinhirn.) [Div. of Tumor Res. & Exp. Path., Max-Planck-Inst. f. Brain Res; & Neurosurg. Clin., Univ. of Cologne.]

ACTA NEUROPATH. (Berlin). (1962) Vol. 1, pp. 335-342.

Z - Vol. 169, #3, p. 239, Mar. 1963

Maurice VICTOR & Pierre M. DREYFUS:

"Nutritional Diseases of the Nervous System. A Statement of Some Current Problems and Suggestions for Further Investigation." [Neurol. Serv., Massachusetts General Hospital, & Depts. of Neurol. & Psychiat., Harvard Medical School, Boston.]

WORLD NEUROL. (1961) Vol. 2, pp. 862-870.

Z - Vol. 167, #3, p. 237, Sept. 1962

G. M. VILLEGAS & R. VILLEGAS:

"Neuron-Glia Relationship in the Bipolar Cell Layer of the Fish Retina."

J. ULTRASTRUCT. RES. (1963) Vol. 8, p. 89.

R. VILLEGAS, L. VILLEGAS, M. GIMENEZ & G. M. VILLEGAS:

"Schwann Cell and Axon Electrical Potential Differences. Squid Nerve Structure and Excitable Membrane Location."

J. GEN. PHYSIOL. (1963) Vol. 46, pp. 1047-1064.

Charles A. VINNIK & Victor R. GRANN:

"Attempted Cultivation of Spirochaeta Myelophthora and
a Test of the Validity of the Complement-Fixation
Test in Multiple Sclerosis."

NEW ENGL. J. MED. (1962) Vol. 266, pp. 1084-1086.

Z - Vol. 171, #3, pp. 313-314, Aug. 1963

Countess Helge VITZTHUM:

"Amnesic Syndrome with Subacute Encephalitis in the Limbic
System." (Amnestisches Syndrom bei subakuter Encephalitis
im limbischen System.)

[Report at Meeting of the Südwestdeutsche Neurologen und
Psychiater, Baden-Baden, June 8-9, 1963. Main Theme:
Limbic System.]

ZENTRALBLATT FÜR DIE GESAMTE NEUROLOGIE UND PSYCHIATRIE.
(1964) Vol. 175, #3, pp. (217) & 222.

Z - see journal reference above, p. 222, May 1964.

K. VOELLER, G. D. PAPPAS & D. P. PURPURA:

"Electron Microscope Study of Development of Cat Super-
ficial Neocortex." [Depts. Anat. & Neurol. Surg.,
Coll. of Physicians & Surgeons, Columbia Univ., New
York.]

EXP. NEUROL. (1963) Vol. 7, pp. 107-130.

Z - Vol. 173, #1, p. 5, Nov. 1963

F. Stephen VOGEL & J. HALLERVORDEN:

"Leukodystrophy with Diffuse Rosenthal Fiber Formation."

[Dept. of Path., Duke Univ. Med. Center, Durham,
N.C.; Max-Planck-Inst. Brain Res., Giessen.]

ACTA NEUROPATH. (Berlin). (1962) Vol. 2, pp. 126-143.

Z - Vol. 172, #1, p. 6, Sept. 1963

F. Stephen VOGEL & Lieselotte KEMPER:

"A Modification of Hortega's Silver Impregnation Method
to Assist in the Identification of Astrocytes with
Electron Microscopy." [Dept. of Path., New York
Hosp., Cornell Univ. Med. Center, New York.]

J. NEUROPATH. CLIN. NEUROL. (1962) Vol. 21, pp. 147-154.

Z - Vol. 169, #3, p. 229, March 1963

Ulrich VOGT:

"Case History, Clinical Course and Catamnesis of Glioblas-
toma Multiforme. Report on 250 Cases." (Anamnese,
Klinik und Katamnese des Glioblastoma multiforme.
Bericht über 250 Fälle.) [Neurosurg.-Neurol. Clin.,
Free Univ. of Berlin.]

NERVENARZT. (1961) Vol. 32, pp. 297-301.

Z - Vol. 164, #3, pp. 293-294, Feb. 1962

V. VOICULESCU, J. UNGHER, F. NEREANTIU & S. VOINESCU:
"Study of Cerebral Lesions Evoked by Repeated Electric
Shocks in Dogs." (Etude des lésions cérébrales
consécutives à des crises électroconvulsives répé-
tées chez le chien.)
STUD. CERCET. NEUROL. (1961) Vol. 6, pp. 370-377, with
French Summary. [Rumanian]

Z - Vol. 169, #1, pp. 7-8, Jan. 1963

Miloš VORREITH & Mirja FUCHSOVÁ:
"New Views on the Classification of Tumours of the Cen-
tral Nervous System."
ČSL. NEUROL. (1961) Vol. 24, pp. 344-350, with English
Summary. [Czech]

Z - Vol. 167, #2, p. 185, Aug. 1962

W

H. WAELSCH:
"Protein Metabolism of the Nervous System." [New York
Psychiat. Inst. & Coll. of Physicians & Surgeons,
Columbia Univ., New York.]
SCHWEIZ. MED. WSCHR. (1963) Vol. 93, pp. 1289-1293.

Z - Vol. 177, #1, p. 19, Sept. 1964

K. M. WAHAL & Helena E. RIGGS:
"Changes in the Brain Associated with Senility." [Lab.
of Neuropath., Philadelphia General Hosp.]
A.M.A. ARCH. NEUROL. (1960) Vol. 2, pp. 151-159.

Z - Vol. 159, #1, pp. 26-27, Jan. 1961

H. A. WAISMAN, K. HABLE, H. L. WANG & Konrad AKERT:
 "Some Ultrastructural Changes in the Brain of Phenylketon-
 uric Rats and Monkeys," pp. 207-212 in Progress in
 Brain Research, Vol. 9: The Developing Brain, edited
 by Williamina A. Himwich and Harold E. Himwich.
 Elsevier, Amsterdam, 1964.

Byron H. WAKSMAN:

"Experimental Immunologic Disease of the Peripheral Nervous
 System," pp. 170-198 in Mechanisms of Demyelination,
 edited by Augustus S. Rose & Carl M. Pearson. McGraw-
 Hill, New York, 1963.

Byron H. WAKSMAN & Raymond D. ADAMS:

"Infectious Leukoencephalitis. A Critical Comparison of
 Certain Experimental and Naturally-Occurring Viral
 Leukoencephalitides with Experimental Allergic
 Encephalomyelitis." [Depts. of Bacteriol., Immunol.
 & Neuropath., Harvard Medical School, & Neurol. Res.
 Lab., Massachusetts General Hospital, Boston.]
 J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 491-518.

Z - Vol. 171, #1, p. 66, June 1963

Byron H. WAKSMAN, Theodore BURNSTEIN & Raymond D. ADAMS:

"Histologic Study of the Encephalomyelitis Produced in
 Hamsters by a Neurotropic Strain of Measles." [Depts.
 of Bacteriol., Immunol. & Neuropath., of Harvard Med.
 School; Neurol. Serv., Massachusetts General Hospital,
 Boston; & Variety Children's Res. Foundn., Miami.]
 J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 25-49.

Z - Vol. 169, #3, pp. 227, March 1963

Fred WALBERG:

"An Electron Microscopic Study of the Inferior Olive of
the Cat." [Anat. Inst., Univ. of Oslo.]
J. COMP. NEUROL. (1963) Vol. 120, pp. 1-17.

z - Vol. 173, #1, pp. 4-5, Nov. 1963

Barbara J. WALLACE, B. W. VOLK & S. S. LAZARUS:

"Glial Cell Enzyme Alterations in Infantile Amaurotic
Family Idiocy."
FED. PROC. (1963) Vol. 22, p. 317.

Barbara J. WALLACE, Bruno W. VOLK & Sydney S. LAZARUS:

"Glial Cell Enzyme Alterations in Infantile Amaurotic
Family Idiocy (Tay-Sachs Disease)." [Isaac Albert
Res. Inst. of Jew. Chronic Dis. Hosp., Brooklyn,
N. Y.]
J. NEUROCHEM. (1963) Vol. 10, pp. 439-446.

z - Vol. 175, #1, pp. 28-29, April 1964

W. M. WARDELL:

"The Response to Electrical Stimulation of Neuroglial
Cells Grown in Tissue Culture."
J. PHYSIOL. (1963) Vol. 169, pp. 25-26P.

Rembert WATERMANN:

"Theodore Schwann's Contribution to Neurology." (Theodor Schwanns Beitrag zur Neurologie.) [Inst. of Med. History, Univ. of Bonn.]

DTSCH. Z. NERVENHEILK. (1960) Vol. 181, pp. 309-330.

Z - Vol. 160, #3, p. 204, May 1961

Richard H. WEBBER, Gabriel H. WILSON, John W. CHUNG, Robert J. McARDLE & John H. WILEY:

"Myelinated Nerve Fibers in Communicating Rami Attached to Caudal Lumbar Nerves." [Dept. of Anat., Creighton Univ. School of Med., Omaha, Nebr., & Temple Univ. School of Med., Philadelphia.]

J. COMP. NEUROL. (1962) Vol. 119, pp. 11-20.

Z - Vol. 170, #3, p. 182, May 1963

Henry De F. WEBSTER:

"Schwann Cell Alterations in Metachromatic Leukodystrophy: Preliminary Phase and Electron Microscopic Observations." [Exp. Neuropath. Lab. & Joseph P. Kennedy, Jr., Memorial Lab., Massachusetts General Hospital; Dept. of Neurol., Harvard Medical School, Boston.]

J. NEUROPATH. EXP. NEUROL. (1962) Vol. 21, pp. 534-554.

Z - Vol. 171, #3, p. 263, Aug. 1963

Henry De F. WEBSTER & David SPIRO:

"Phase and Electron Microscopic Studies of Experimental Demyelination. Part I. Variations in Myelin Sheath Contour in Normal Guinea Pig Sciatic Nerve." [Depts. of Neurol., Neuropath. & Path., Harvard Medical School; Neurol. Serv., Edwin S. Webster Memorial Lab., Dept. of Path., Massachusetts General Hospital, Boston.]

J. NEUROPATH. EXP. NEUROL. (1960) Vol. 19, pp. 42-69.

Z - Vol. 157, #3, p. 207, Sept. 1960

Henry de F. WEBSTER, David SPIRO, Byron WAKSMAN & Raymond D. ADAMS:

"Phase and Electron Microscopic Studies of Experimental Demyelination. Part II. Schwann Cell Changes in Guinea Pig Sciatic Nerves During Experimental Diphtheritic Neuritis." [Depts. of Neurol., Neuropath., Bacteriol., Immunol. & Path., Harvard Medical School; Neurol. Serv. & Edwin S. Webster Memorial Lab., Dept. of Path., Massachusetts General Hospital, Boston.]

J. NEUROPATH. EXP. NEUROL. (1961) Vol. 20, pp. 5-34.

Z - Vol. 162, #3, p. 217, Sept. 1961

Wolfgang WECHSLER: (Munich)

"Progressive Myelopathies on a Base of Chronic Meningitic Angiitides." (Progressive Myelopathien auf der Grundlage chronisch-meningitischer Angiitiden.)
[Report at Congress of the Gesamtverbandes Deutscher Nervenärzte, Cologne, Sept. 14-16, 1959. Session on Circulatory Impairment of the Central Nervous System, Part I, Cerebro-vascular Insufficiency and Intracranial Bleeding.]

ZENTRALBLATT FÜR DIE GESAMTE NEUROLOGIE UND PSYCHIATRIE.
(1960) Vol. 158, #3, pp. (241) & 259.

Z - see journal reference above, p. 259, Nov. 1960.

Wolfgang WECHSLER & Hermann HAGER:

"Electron-Microscopic Findings on the Fine Structure of Axonal Changes in Regenerating Nerve Fibers of the Sciatic Nerve of the White Rat." (Elektronenmikroskopische Befunde zur Feinstruktur von Axonveränderungen in regenerierenden Nervenfasern des Nervus ischiadicus der weissen Ratte.) [Res. Group Electronmicrosc., German Res. Inst. of Psychiat., Max-Planck-Inst., Munich.]

ACTA NEUROPATH. (Berlin). (1962) Vol. 1, pp. 489-506.

Z - Vol. 172, #1, p. 3, Sept. 1963

Mieczyslaw WENDER:

"Contribution to the Study of Subacute Sclerosing Leucoencephalitis with Particular Regard to the Problem of Lipid Chemistry in the Brain." [Neurol. Clin., Med. Acad., Poznan, Poland.]

PSYCHIAT. ET NEUROL. (Basel). (1961) Vol. 141, pp. 381-392.

Z - Vol. 169, #3, p. 300, March 1963

Mieczyslaw WENDER & Marian HIEROWSKI:

"Concentration of Electrolytes in the Developing Nervous System with Special Reference to the Period of Myelination." [Neurol. Clin. & Inst. of Physiol. Chem., Med. Acad., Poznan, Poland.]

J. NEUROCHEM. (1960) Vol. 5, pp. 105-108.

Z - Vol. 162, #2, p. 106, Aug. 1961

J. WERSALL, D. HILDING, & P. G. LUNDQUIST:

"Ultrastructure and Innervation of the Cochlear Hair Cells."

ARCH. OHR. NAS. KEHLKOPFHEILK. (1961) Vol. 178,
pp. 106-26.

R. WETTSTEIN & J. Roberto SOTELO:

"Electron Microscope Study on the Regenerative Process of Peripheral Nerves of Mice." [Inst. Invest. Biol. Sci., Montevideo, Uruguay.]

Z. ZELLFORSCH. (1963) Vol. 59, pp. 708-730.

Torsten N. WIESEL & David H. HUBEL:

"Effects of Visual Deprivation on Morphology and Physiology of Cells in the Cat's Lateral Geniculate Body." [Neurophysiol. Lab., Dept. of Pharmacol., Harvard Medical School, Boston.]

J. NEUROPHYSIOL. (1963) Vol. 26, pp. 978-993.

Z - Vol. 176, #3, p. 222, Aug. 1964

V. B. WIGGLESWORTH:

"The Nutrition of the Central Nervous System in the Cockroach (Periplaneta Americana L.). The Role of Perineurium and Glial Cells in the Mobilization of Reserves."

J. EXP. BIOL. (1960) Vol. 37, p. 500.

Günther WILKE:

"Electron-Microscopic Findings in the Nervous System.

Part I. The Neuron and Its Myelin Sheath." (Elektro-
nenmikroskopische Befund am Nervensystem. I. Das Neu-
ron und seine Markscheide.) [Max-Planck-Inst. f.
Brain Res., Giessen.]

FORTSCHR. NEUROL. PSYCHIAT. (1959) Vol. 27, pp. 557-573.

Z - Vol. 155, #3, pp. 256-257, May 1960

Harold W. WILLIAMS & Francis H. CHAFEE:

"Demyelinating Encephalomyelitis in a Case of Tetanus
Treated with Antitoxin."

NEW ENG. J. MED. (1961) Vol. 264, pp. 489-491.

Z - Vol. 166 #1, p. 81, May 1962

Stanislaw WŁODARCZYK:

"Casuistics of Multiple Sclerosis." (De la casuistique de
la sclérose en plaques.) [Public Clinic of the Min-
istry of Health, Warsaw.]

NEUROL. NEUROCHIR. PSYCHIAT. POL. (1961) Vol. 11, pp. 655-
660, with French Summary. [Polish]

Z - Vol. 166, #2, p. 155, May 1962

Gunnar WOHLFART & Ingrid GAMSTORP:

"Chronic Progressive Disorders of the Lower Motor Neuron." [Dept. of Neurol., Univ. of Lund.]
RES. PUBL. ASS. NERV. MENT. DIS. (1960) Vol. 38, pp. 659-693.
(New York Meeting, Dec. 12-13, 1958.)

Z - Vol. 168, #3, pp. 328-329, Dec. 1962

Frederick J. WOHLWILL, Jay BERNSTEIN & Paul I. YAKOVLEV:
"Dysmyelinogenic Leukodystrophy. Report of a Case of a New, Presumably Familial type of Leukodystrophy with Megalobarencephaly." [Dept. of Neurol. & Lab. of Neuropath., Warren Anat. Museum, Harvard Medical School; Dept. of Path., Children's Med. Center, Boston.]
J. NEUROPATH. EXP. NEUROL. (1959) Vol. 18, pp. 359-383.

Z - Vol. 156, #1, pp. 85-86, May 1960

Abner WOLF:

"Concluding Remarks on Neuroglia Cells in Relation to Neuropathology," pp. 288-291 in Biology of Neuroglia, edited by Wm. F. Windle. Charles C Thomas, Springfield, 1958.

Abner WOLF:

"Spontaneous Human and Experimental Simian Demyelinating Disease," pp. 72-92 in Mechanisms of Demyelination, edited by Augustus S. Rose & Carl M. Pearson. McGraw-Hill, New York, 1963.

D. E. WOLFE:

"Fine Structure of Neuroglial Cells in the Area Postrema."
ANAT. REC. (1962) Vol. 142, p. 292.

J. WOLFF:

"Contribution to the Ultrastructure of the Capillaries in
Normal Cerebral Cortex." (Beiträge zur Ultrastruktur
der Kapillaren in der normalen Grosshirnrinde.) [Res.
Div. Electron Microsc., Free Univ., Berlin.]
Z. ZELLFORSCH. (1963) Vol. 60, pp. 409-431.

Z - Vol. 174, #3, pp. 242-243, March 1964

Frederick WOLFGRAM & Augustus S. ROSE:

"A Study of Some Component Proteins of Central and
Peripheral Nerve Myelin." [Div. of Neurol., Dept.
of Med., Univ. of California; & Los Angeles V.A.
Center.]

J. NEUROCHEM. (1961) Vol. 8, pp. 161-168.

Z - Vol. 173, #1, p. 26, Nov. 1963

Maria WOLLEMANN & T. DÉVÉNYI:

"The γ -Aminobutyric Acid Content and Glutamate Decarbox-
ylase Activity of Brain Tumours." [Inst. Neurosurg.,
Inst. Biochem., Hungarian Acad. of Sci., Budapest.]

J. NEUROCHEM. (1963) Vol. 10, pp. 83-88.

Z - Vol. 176, #1, p. 7, June 1964

Maria WOLLEMANN & Laszlo ZOLTAN:

"Cholinesterase Activity of Cerebral Tumors and Tumorous
Cysts." [Nat. Inst. of Neurosurg., Budapest.]
ARCH. NEUROL. (1962) Vol. 6, pp. 161-167.

Z - Vol. 168, #3, p. 241, Dec. 1962

Moshe WOLMAN:

"The "Grape-Like Bodies" of the Central Nervous System."
[Dept. of Path., Hebrew Univ.-Hadassah Med. School,
& Hadassah-Univ. Hosp., Jerusalem.]
CONFIN. NEUROL. (Basel). (1960) Vol. 20, pp. 36-44.

Z - Vol. 158, #2, p. 134, Nov. 1960

Moshe WOLMAN:

"Extraction of Complexes from Central and Peripheral Mye-
lin of Man." [Dept. of Path., Government Hosp., Tel-
Hashomer, Israel.]
J. NEUROCHEM. (1962) Vol. 9, pp. 59-62.

Z - Vol. 169, #2, p. 124, Feb. 1963

Moshe WOLMAN & Sarah HESTRIN-LERNER:

"A Histochemical Contribution to the Study of the Molec-
ular Morphology of Myelin Sheath." [Dept. of Path.
& Physiol. Hebrew Univ.—Hadassah Med. School,
Jerusalem.]
J. NEUROCHEM. (1960) Vol. 5, pp. 114-120.

Z - Vol. 159, #1, p. 36, Jan. 1961

J. R. WOLTER:

"Glia of the Human Retina."

AMER. J. OPHTHAL. (1959) Vol. 48, p. 370.

G. Payling WRIGHT:

"The Metabolism of Myelin."

PROC. ROYAL SOC. MED. (1961) Vol. 54, pp. 26-30.

R. WÜTHRICH:

"Unsolved Problems in Demyelination Experiments in Vitro."

(Zur Problematik der Entmarkungsversuche in vitro.)

[Neurol. Clin., Univ. of Basel.]

CONFIN. NEUROL. (Basel). (1962) Vol. 22, pp. 447-454.

Z - Vol. 173, #3, p. 221, Jan. 1964

R. WÜTHRICH & C. G. HONEGGER:

"Lipid Changes in the Cerebral White Matter in Multiple Sclerosis. Analysis by Thin-Layer Chromatography, and Comparison of Chemical and Histological Findings." (Lipidveränderungen in der weissen Gehirnschicht bei multipler Sklerose. Dunnschichtchromatographische Analyse und Gegenüberstellung von chemischen und histologischen Befunden.) [Neurol. Clin., Univ. of Basel.]

DTSCH. Z. NERVENHEILK. (1963) Vol. 184, pp. 255-263.

Z - Vol. 176, #1, p. 6, June 1964

Y

L. Y. YABLONOVSKAYA:

"Some Conditions of Growth of Human Glial Brain Tumours
in the Anterior Chamber of the Rabbit Eye."

VOPR. ONKOL. (1963) Vol. 9, p. 92.

Paul I. YAKOVLEV:

"Morphological Criteria of Growth and Maturation of the
Nervous System in Man." [Dept. of Neurol., & Warren
Anat. Museum, Harvard Medical School, Boston.]

RES. PUBL. ASS. NERV. MENT. DIS. (1962) Vol. 39, pp. 3-46.
(New York Meeting. Dec. 11-12, 1959.)

Z - Vol. 169, #1, pp. 4-5, Jan. 1963

Paul I. YAKOVLEV:

"Maturation of Cortical Substrata of Epileptic Events."
WORLD NEUROL. (1962) Vol. 3, pp. 299-315.

Z - Vol. 170, #3, pp. 189-190, May 1963

Paul I. YAKOVLEV & Simeon LOCKE:

"Limbic Nuclei of Thalamus and Connections of Limbic Cor-
tex. Part III. Corticocortical Connections of the
Anterior Cingulate Gyrus, the Cingulum and the Sub-
callosal Bundle in Monkey." [Dept. of Neurol. & War-
ren Anat. Museum, Harvard Medical School, Boston.]

ARCH. NEUROL. (1961) Vol. 5, pp. 364-400.

Z - Vol. 169, #3, p. 231-232, Mar. 1963

Y. YAMAZOE:

"Developmental Anomaly of Glial Cells in Various Parts of the Brain of Malformed Human Fetuses and Abortive Fetuses and Its Possible Relationship with Occurrence of Gliomas."

ARCH. JAP. CHIR. (1959) Vol. 28, p. 1237.

Y. YAMAZOE:

"Glial Anomaly in Malformed Brain of Fetus of Mouse Caused by Irradiation. Its Possible Relations to Development of Glioma of the Brain in Infancy and Childhood."

ARCH. JAP. CHIR. (1959) Vol. 28, p. 1221.

Kenzi YANO, Yoshizumi NISHINA & Soji KUMANO:

"Contribution to the Histopathology of Pick's Disease, with Special Reference to the Glial Elements."

(Ein Beitrag zur Histopathologie der Pickschen Krankheit mit besonderer Berücksichtigung der gliösen Elemente.) [Prov. Mental Hosp., Hyogoken, Kobe.]

FOLIA PSYCHIAT. NEUROL. JAP. (1960) Vol. 14, pp. 123-139.

Z - Vol. 163, #1, pp. 8-9, Oct. 1961

Susumu YOKOI & Hiroshi KOBORI:

"Study of the Senile Brain. Demyelination of the Cerebral White Matter." [Neuropsychiat. Dept., Yokohama Univ. School of Med., Yokohama.]

PSYCHIAT. NEUROL. JAP. (1962) Vol. 64, pp. 319-324 & Abstr. 29-30. [Japanese]

Z - Vol. 169, #1, p. 7, Jan. 1963

Takeshi YONEZAWA, Murray B. BORNSTEIN, Edith R.
PETERSON & Margaret R. MURRAY:

"A Histochemical Study of Oxidative Enzymes in Myelinating Cultures of Central and Peripheral Nervous Tissue." [Lab. Cell. Physiol., Columbia Univ., Coll. Physicians & Surgeons, New York.]

J. NEUROPATH. & EXP. NEUROL. (1962) Vol. 21, pp. 479-487.

I. James YOUNG & L. G. ABOOD:

"Histological Demonstration of Hyaluronic Acid in the Central Nervous System." [Depts. of Psychiat. & Biol. Chem., Univ. of Illinois Coll. of Med., Chicago.]

J. NEUROCHEM. (1960) Vol. 6, pp. 89-94.

Z - Vol. 161, #3, p. 249, July 1961

Z

Wolfgang ZEMAN & Julius HOFFMAN:

"Juvenile and Late Forms of Amaurotic Idiocy in One Family." [Dept. of Psychiat. & Grad. School, Ohio State Univ., Columbus.]

J. NEUROL. NEUROSURG. PSYCHIAT. (1962) Vol. 25, pp. 352-362.

Z - Vol. 172, #3, pp. 228-229, Oct. 1963

K. J. ZÜLCH:

"Morphological and Biological Views of Glioblastoma (with Reflections on the Origin of Brain Tumors)." (Das Glioblastom, morphologisch und biologisch gesehen (mit Betrachtungen über die Entstehung der Hirngeschwülste). [Dept. of Gen. Neurol., Max-Planck-Inst. f. Brain Res., Cologne.]

ACTA NEUROCHIR. (Vienna). (1959) Vol. 6, Suppl., pp. 2-30. (10th Annual Meeting, Dtsch. Ges. f. Neurochir., & Verein. Schweiz. Neurochir., Zurich, July 24-26, 1958.)

Z - Vol. 156, #1, pp. 6-7, May 1960

K. J. ZÜLCH:

"Study of Neurinoma Fibers, Their Schwannian Origin and Their Neuroectodermal Nature." (Etude de la fibre du neurinome. Son origine schwannienne et sa nature neurectodermique.) [Max-Planck-Inst., Cologne.]

REV. NEUROL. (1960) Vol. 103, pp. 541-555.

Z - Vol. 165, #3, p. 228, April 1962

Gabriele M. ZU RHEIN, Peter L. EICHMAN & Flavio PULETTI:

"Familial Idiocy with Spongy Degeneration of the Central Nervous System of Van Bogaert-Bertrand Type." [Depts. of Path., Neurol. & Neurosurg., Univ. of Wisconsin Med. School, Madison.]

NEUROLOGY (1960) Vol. 10, pp. 998-1006.

Z - Vol. 162, #3, p. 279, Sept. 1961