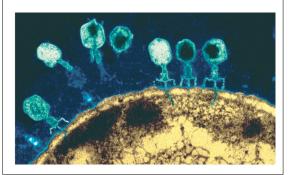
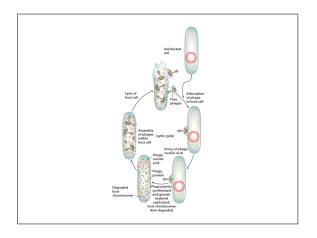
Lecture Outline 9/29

- Finish Bacterial Genetics
 - Transduction via phage
 - Fine structure mapping
- Start gene interactions
- New homework has been posted
- First gene assignment is on the website

Transduction





Generalized transduction

- Phage are viruses of bacteria
- Random piece of bacterial DNA incorporated into the phage
- Only small segments of chromosome can be taken up (<2 min)
- Mapping:
 - Look for co-transduction. If two genes commonly cotransduce, then they must be close together.

