

CAMB 548 Bacterial Pathogenesis 2011

Co-directors: Jay Zhu and Frederic Bushman

Monday, Wednesday, Friday 1:15-2:15 pm, Johnson 209.

- 1) Overview, bacterial genomics/lateral transfer [Oct 17, 19, 21, 24]
Rick Bushman
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- 2) Signal transduction in bacterial pathogens [Oct 26, 28, 31]
Michael Sebert
sebert@email.chop.edu
- 3) Genetic tools used for bacterial pathogenesis study; Bacterial cell-cell communications and biofilm formation [Nov 2, 4, 7]
Jay Zhu
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- 4) **Mid-term in class exam** [Nov 9]
- 5) Strategies for bacterial adhesion and invasion [Nov 11, 14, 16]
Dieter Schifferli
dmschiff@vet.upenn.edu
- 6) Bacterial secretion systems; Archaea [Nov 18, 21, 23]
Mecky Pohlschröder
pohlschr@sas.upenn.edu
 - Nov 24, Thanksgiving break
- 7) Intracellular bacteria [Nov 28, 30, Dec 2]
Sunny Shin
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- 8) **Final exam (in class)** [Dec 5]