

MCB534A (supplement to MCB424)
Monday/Wednesday, 5-6:30 PM in A446 C&LSL

Presentation Requirements

1. Read assigned papers
2. Read additional background material
3. Prepare and deliver a 45 min presentation (see below)
4. Meet with me after the presentation

Audience requirements

1. Attend *all* classes
2. Read the papers prior to class
3. Prepare three-five questions prior to class (these will be handed in at the beginning of class)
4. Be prepared to critique each presentation: what was good, what was bad, what could be done differently next time. We will have a class discussion after each presentation. ***Be kind and constructive!***

Presentation Tips

1. Answer the following questions in the Introduction:
 - a. What is the problem being addressed?
 - b. Why is this problem important?
 - c. What is known/unknown about this problem?
 - d. What has been done previously to address the problem?
 - e. What will be done in this paper?
 - f. *Answering these questions will require you to read several background papers! (i.e. it is not usually enough just to read the paper you are covering)***
2. Explain every figure and table (but not strain tables, plasmid tables, etc.): if the author thought it worth making into a table or figure, it is probably important
3. Explain other important results
4. Explain the method being used in each experiment
 - a. What is the expected result (both positive and negative)
 - b. What happened?
 - c. What does it mean?
5. What are the major conclusions of the paper?
6. Are there any flaws with the study?
 - a. What could be done differently/better?
7. What are the next steps?
8. Did you like the paper?

Suggested time breakdown:

1. Introduction/background: 5 to 10 min
2. Results: 20 to 30 min
3. Conclusions: 5 min
4. Critique: 5 min

Practice your talk! Practice by speaking out loud in a normal tone of voice. Get a friend to listen, if possible.

Be sure to try projecting your slides in the same room (I have a key and can let you into the room any time it is not reserved.) Make sure the slides look OK when projected. (Often they look different on the screen than they do on your computer).

Total time is 45-50 minutes. ***If you do not fall within this time range you did not practice your talk enough.***

Class Schedule

Day	Date	Time	Student	Papers
Monday	1/29/18	5:00 PM	Adams, Cary	JBC 269: 17537 and Biochem. J. 390:529
Wednesday	1/31/18	5:00 PM	Agashe, Pooja	FEMS Microbiol Lett 227:17, Sci Rep 6:38720
Wednesday	2/7/18	5:00 PM	An, Zhaohui	J Bacteriol. 198:1268, mBio 6: e00389
Monday	2/12/18	5:00 PM	Bastille, Talina	J. Bacteriol 180: 3205, J. Bacteriol. 191:2400, PNAS 98: 4966
Wednesday	2/14/18	5:00 PM	Chen, Mingfei	PNAS 104:10631, Mol Mibcrobiol 73:975, Mol Microbiol 73:992
Wednesday	2/21/18	5:00 PM	Das, Sneha	Eviron Sci Technol 48:12454, J. Bacteriol. 187:2030
Monday	2/26/18	5:00 PM	Eben, Stefanie	Nature 449:898, Environ Microbiol 10:376
Wednesday	2/28/18	5:00 PM	Georgiou, Matthew	J Bacteriol 183:4509, J Bacteriol 189:5203
Monday	3/12/18	5:00 PM	Gupta, Anshika	J Bacteriol 190:843, J Bacteriol 192:5115
Wednesday	3/14/18	5:00 PM	Polidore, Alexander	Appl Environ Microbiol 71:8634, Appl Environ Microbiol 76:4080, Nature 435:1098
Monday	4/2/18	5:00 PM	Ramezanifard, Rouhallah	J. Biol. Chem 283:34141, Biochemistry 45:249, Science 350: 1541
Wednesday	4/4/18	5:00 PM	Rodriguez-Carrero, Roy	Science 342:1382, Environ Microbiol 17:670
Monday	4/9/18	5:00 PM	Simon, Max	PNAS 108:2981, Mol Microbiol 75:843
Wednesday	4/11/18	5:00 PM	Stapelfeldt, Anna	Appl Environ Microbiol 66:2934, Nature 415: 454
Wednesday	4/18/18	5:00 PM	Ghonge, Tanmay	Nature 437:543, Nature 461:976, PNAS 89:5685
Monday	4/23/18	5:00 PM	Yu, Yaochun	Science 303:1831, Nature 540:453
Wednesday	4/25/18	5:00 PM	Kim, Ted	Science 289:1902, Science 292:2492