MIC 323-Principles of Microbial Pathogenesis (10/30/14)

Schedule of Lectures and Exams

Mon	08/25	Lect. #1	The History of an Absurd Idea and early post-germ theory successes (KS)
Wed	08/27	Lect. #2	Bacterial A & P and the Host (KS)
Mon	09/01	**LABOR DAY**	
Wed	09/03	Lect. #3	Microbiome I: *Biological issues* (KS)
Mon	09/08	Lect. #4	Microbiome II: *Medical issues* (KS)
Wed	09/10	Lect. #5	Virulence Factors: *Their identification and analysis* (GP)
Mon	09/15	Lect. #6	Virulence Factors: *Their functions and dispersal* (KS)
Wed	09/17	Lect. #7	The Fast & The Furious (acute disease): *Vibrio cholerae* (KS)
Mon	09/22	Lect. #8	The Very Quiet (chronic disease): *Helicobacter* (KS)
Wed	09/24	Lect. #9	Adaptable Bugs: The Pseudomonads (KS)
Mon	09/29	**EXAM I (Lectures #1-9)**	
Wed	10/01	Lect. #10	An Emerging Pathogen: *Yersinia pestis* (KS)
Mon	10/06	Lect. #11	It's Always the Potato Salad: Infectious Disease Epidemiology (WS)
Wed	10/08	Lect. #12	Blame the Parents: Genetic Epidemiology of Infectious Diseases (WS)
Mon	10/13	Lect. #13	Intracellular Pathogens I: *Salmonella* (KS)
Wed	10/15	Lect. #14	Intracellular Pathogens II: *Listeria* (KS)
Mon	10/20	Lect. #15	Genomics: A modern view of sequencing nucleic acids (Dr. Scott Kuersten)
Wed	10/22	Lect. #16	Antibiotics and Resistance (KS)
Mon	10/27	Lect. #17	Pathogenic *E. coli* (GM)
Wed	10/29	Lect. #18	Of Microbes and Microbiomes (DM)
Mon	11/03	**EXAM II (Lectures #10-18)**	
Wed	11/05	Lect. #19	TB and HIV I (CM)
Mon	11/10	Lect. #20	TB and HIV II (CM)
Wed	11/12	Lect. #21	Insect-transmitted Pathogens: *Rickettsia* (GP)
Mon	11/17	Lect. #22	3 STDs (KS)
Wed	11/19	Lect. #23	Pathogens and the CNS (KS)
Mon	12/01	Lect. #24	Gram-Positive Pathogens (KS)
Wed	12/03	Lect. #25	Intracellular Pathogens III: *Mycobacterium* (KS)
Mon	12/08	Lect. #26	Research (KS)

Wed 12/15 @ 2:00 – 4:30 pm (Finals Week): **EXAM III (½ Lectures #1-18; ½ Lectures #19-26)**

Grading

You will be evaluated by your performance on **five** components: 2 exams, a paper, a lecture critique assignment, and an indeterminate number of in-class 'pop' quizzes. Course grade will be based on the top 2 (out of 3) exam scores (200 points total), the paper (100 points), the critique (50 points), and the quizzes (50 points total). If all three exams are taken, and if the lowest score, which will not be used to compute the grade, is, however, greater than 50, then the final calculated grade will be raised one level (e.g., B+ to A-, B- to B, etc.). A missed exam will automatically count as the 'drop' exam.

No make-up exams will be given. Etch 9/29, 11/03, and 12/15 in stone!
See 'Exam Disclaimer' and last's years exams posted in 'course documents'

Translating Numerical Grades into Letter Grades

A+ ≥ 98, A ≥ 94, A- ≥ 90
B+ ≥ 86, B ≥ 82, B- ≥ 78
C+ ≥ 74, C ≥ 70, C- ≥ 66
D+ ≥ 62, D ≥ 58, D- ≥ 54, F < 54

Instructors

Kurt Schesser, Ph.D.
Dept. Microbiology & Immunology
University of Miami School of Medicine
Rosenstiel Medical Science Building 3037
305-243-4760 kschesser@med.miami.edu

Greg Plano, Ph.D.
Dept. Microbiology & Immunology
University of Miami School of Medicine
Rosenstiel Medical Science Building 3032
305-243-6310 gplano@med.miami.edu

George Munson, Ph.D.
Dept. Microbiology & Immunology
University of Miami School of Medicine
Rosenstiel Medical Science Building 3038
305-243-5317 gmunson@med.miami.edu

Charles D. Mitchell, M.D.
Dept. Pediatrics/Infectious Diseases
University of Miami School of Medicine
Batchelor Children's Institute, Rm
305-243-2755 charles.mitchell@miami.edu

William Scott, Ph.D.
Dr. John T. Macdonald Foundation
Department of Human Genetics University of Miami Miller School of Medicine
414 Clinical Biomedical Research Building
305-243-2371 bscott@med.miami.edu

Darlene Miller, DHSc, MPH, SM(NRM, ASCP), CIC
Research Associate Professor
Scientific Director-Ocular Microbiology Lab
Bascom Palmer Eye Institute
University of Miami School of Medicine
305-326-6034 dmiller@med.miami.edu

Coordinator

Roger Williams, tel: 305-284-6422, email: riwill@miami.edu

Directions to the Medical School

From UM take the northbound train to the Civic Center station. Follow the signs which will lead you to the Rosenstiel Medical Science Building which is located about 300 yards from the station, just past the parking garage. The Department of Microbiology & Immunology is on the third floor, to the left as you exit the elevator.