Virus - Host Interactions
Molecular Virology (MVIR) 446 - Fall 2006
3:00-4:30 PM Tuesday and Thursday
(room: WRT206 except for W203 for 10/12;11/2; & 10/5)

Lecture Schedule:
31 Aug Th Immunology for Virologists (Cathy Patterson)
cep8@case.edu

5 Sept Tu Organizational meeting (15 min: Silverman/Patterson) and
HIV escape from the immune system (Eric Arts) eja3@case.edu

7 Sept Th NO CLASS - Molecular Biology and Microbiology
Retreat

12 Sept Tu HIV Quasispecies (Miguel Quinones) quinonm@ccf.org

14 Sept Th HIV Vaccine Development (Michael Cho)
michael.cho@case.edu

19 Sept Tu Retroviral Restriction Mechanisms (Jonathan Karn)
jonathan.karn@case.edu

21 Sept Th The Interferon System I: Viral induction of type I IFN genes
and p56 (Ganes Sen) seng@ccf.org

26 Sept Tu The Interferon System II: IFN Signaling (George Stark)
starkg@ccf.org

28 Sept Th The Interferon System III: Functions of IFN stimulated genes
and viral evasion (Bob Silverman) silverr@ccf.org [Quiz to be
distributed due Oct 3rd 6PM]

03 Oct Tu Virus-Host Interactions in the CNS (Steve Stohlman)
stohlms2@ccf.org

05 Oct Th Rodent Models of Viral Pathogenesis (Connie Bergmann)
bergmac@ccf.org

10 Oct Tu Student Presentations on West Nile Virus

12 Oct Th West Nile Virus (Michael Diamond, Washington University)
diamond@borcim.wustl.edu

17 Oct Tu Viral Control of host protein synthesis (Bill Merrick)
william.merrick@case.edu
19 Oct Th  Host control of DNA virus transcription (Cheng-Ming Chiang) cmc23@case.edu

24 Oct Tu  Virus Evolution - Host Pressures (Phil Pellett) pelletp@ccf.org

26 Oct Th  Polarized Cells and Viral Infections (Cathy Carlin) cxc39@case.edu

31 Oct Tu  Student Presentations on Influenza Virus

02 Nov Th  Emerging Influenza Viruses (Jackie Katz, CDC, Atlanta) jmk9@cdc.gov

07 Nov Tu  Viral manipulation of Antigen processing (Cliff Harding) clifford.harding@case.edu

09 Nov Th  Virus interactions with cytokine signaling (David Kaplan) david.kaplan@case.edu

14 Nov Tu  Viruses that use host components in their replication (Amiya Banerjee) banerja@ccf.org

16 Nov Th  Viral Hepatitis (Cathy Patterson)

21 Nov Tu  Airway Host Defense Against Viruses (Serpil Erzurum) erzurus@ccf.org

23 Nov Th  Thanksgiving

28 Nov Tu  Student Presentation of Emerging Viruses (other than WNV & influenza)

30 Nov Th  Viral Persistence: Herpesviruses (Phil Pellett) - Distribute Final Exam - paper for essay

05 Dec Tu  Functional Genomics and the Innate Cytokine/IFN response: can we save the world from the next viral pandemic? (Special time: 10:30AM-noon) (Michael Katze, University of Washington) honey@u.washington.edu

07 Dec Th  No Class

14 Dec Th  Final Exam Due