

Fall 2011

Vaccines & Immune Therapeutics: Imm/CAMB 609

Time 3:00-5:00PM in BRB #251(U of PENN, 421 Curie Blvd)
Instructors: David Weiner, Paul Offit, Emilio Emini, Jean D. Boyer,
Course Coordinator: Denise Dixon

Lectures:

Sept 8	Welcome & Vaccine History	David Weiner/Paul Offit- Penn
Sept 15	B Cells, Antibodies, and the Humoral Immune Response Cellular Immune Responses	Michael Cancro - Penn Michael Betts - Penn
Sept 21	Polio	Neal Nathanson - Penn
Sept 22	Adjuvant Technology-Improving the Immune Response	Alan Shaw – Vaccinate
Oct 5	RSV Vaccines	Elissa Malkin -Medimmune
Oct 6	Vaccines – the Business of Prevention	James E. Connolly - AERAS
Oct 12	Influenza	Penny Heaton - Novartis
Oct 13	Emerging Diseases	John Robbins - NIH
Oct 19	Vaccine Ethics Legal Issues	Jason Schwartz - PENN Geoffrey Evans - HRSA
Oct 20	Vaccine Safety	Paul Offit - CHOP
Oct 26	Opportunities and Challenges for Developing new Vaccines	John Shiver - Merck
Oct 27	HPV Vaccines	Richard M. Haupt - Merck
Nov 2	Correlates of Immunity Past -Future of Live Attenuated 17D YF Vaccine	Stanley Plotkin - Emerius Prof. Of Pediatrics PENN Jan Ter Meulen - Merck
Nov 3	So You Want to Make a Vaccine?	Emilio Emini – Pfizer
Nov 9	Manufacturing Vaccines– Merck Visit	John Aunins - Merck
Nov 10	Outbreaks and Vaccine Development HSV Vaccine Development	Gary Kobinger – U. of Manitoba Gary Dubin – GSK
Nov 16	Cancer Vaccines/Immune-therapy	Carl June - Penn
Nov 17	Vaccine Economics	Patricia Danzon - Wharton
*THANKSGIVING		
Nov 30	Malaria & Developing World Vaccines Facilitating Vaccine Innovation and Access to Address Global Health Needs	Adel Mahmoud - Princeton Mark Feinberg - Merck
Dec 1	Cancer Vaccines Pneumococcal Vaccines	Mark Bagarazzi- Inovio William Gruber - Pfizer
Dec 7	Menningoccal B. Varicella Vaccines	Kathrin Jansen - Pfizer C. Jo White - Research Consultant ID
Dec 8	Advances in TB Vaccines Vaccine Regulatory Considerations	Michael Brennan – AERAS Karen Goldenthal &Julienne Vaillancourt- FDA

December 14th & 15th

EXAM

*Required Reading - Vaccinated:One Man's Quest to Defeat the World's Deadliest Diseases, By **Paul A. Offit, M.D.***