Biology of Parasitism

2009 LECTURE SCHEDULE

Monday, June 15	Heidi Elmendorf Georgetown University	**Regulation of gene expression in *Giardia*: when simple can be complicated**
	Kirk Deitsch Weill Medical College of Cornell University	**Mechanisms of mutually exclusive expression and epigenetic memory in malaria parasites**
Tuesday, June 16	Jessica Kissinger University of Georgia	**How do I use all that data? Applications of bioinformatics to parasite research**
Wednesday, June 17	Heidi Elmendorf Georgetown University	***Giardia lamblia*: linking the cytoskeleton to pathogenesis**
	Kirk Deitsch Weill Medical College of Cornell University	**Evolution of RNA polymerase in *Plasmodium falciparum***
Thursday, June 18	Isabel Roditi Universitaet Bern	**One hundred years of sleeping sickness research: from parasites and people to proteomics**
Friday, June 19	Michael Ferdig University of Notre Dame	**Systems Genetics of Complex Malaria Parasite Traits**
Saturday, June 20	Johanna Daily Harvard School of Public Health	**The application of clinical observations and genomics to inform disease models in *Plasmodium falciparum***

All lectures held at 8:30 a.m. in Candle House Room 104, unless otherwise noted.

Biology of Parasitism

2009 LECTURE SCHEDULE

Monday, June 22	Iris Bruchhaus Bernhard Nocht Institute for Tropical Medicine	***Entamoeba histolytica* cysteine peptidases as pathogenicity factors**
Tuesday, June 23	Marcelo Jacobs Lorena The Johns Hopkins University	**What a peptide taught us about the life cycle of the malaria parasite in the mosquito**
Wednesday, June 24	John Boothroyd Stanford University	**Woods Hole rave or Viennese waltz: How *Toxoplasma rhoptry* proteins determine the character of its dance with the host**
Thursday, June 25	Upinder Singh Stanford University	**Dissecting mechanisms that regulate gene expression in *Entamoeba histolytica***
Friday, June 26	Patricia Johnson UCLA	***Trichomonas*: pathogenesis and gene expression**
Monday, June 29	Abdoulaye Djimde University of Bamako	**A holistic approach to antimalarial drug resistance**
Tuesday, June 30	Daniel Goldberg Howard Hughes Medical Institute / Washington University	**Developing new drugs for malaria**
Wednesday, July 1	Adrian Hehl University of Zürich	**Regulated expression, quality control and export of matrix proteins in encycting *Giardia* trophozoites**
Thursday, July 2	Jayne Raper New York University	**African trypanosomes: primate lytic factors vs parasite antagonists**

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2009 LECTURE SCHEDULE

Monday, July 6	Alan Sher NIH	**Learning immunology from parasites**
Tuesday, July 7	Richard Grencis The University of Manchester	**The challenge of gut nematode infections: responses and consequences**
Wednesday, July 8	Andrew S. MacDonald University of Edinburgh	**The immunobiology of *Schistosoma mansoni***
Thursday, July 9	Phil Scott University of Pennsylvania	**The role of memory T cells during concomitant immunity to *Leishmania***
Friday, July 10	David Artis University of Pennsylvania	**Regulation of immunity to helminth parasites in the gut**
Saturday, July 11	Yasmine Belkaid NIH	**Role of regulatory T cells during parasitic infections**
Monday, July 13	Elena Levashina University of Strausberg	**Mosquito defenses against malaria parasites**
Tuesday, July 14	Eleanor Riley London School of Hygiene and Tropical Medicine	**Immunity and immunopathology of malaria infections**
Wednesday, July 15	Rick L. Tarleton University of Georgia	***Trypanosoma cruzi* infection and Chagas disease**
Thursday, July 16	Chris A. Hunter University of Pennsylvania	**Immunity to *Toxoplasma* – pathology and imaging the immune response**
Friday, July 17	Judith Allen University of Edinburgh	**Macrophages in helminth infection: A paradigm for Th2 immunity**

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2009 LECTURE SCHEDULE

Monday, July 20	Robert Sabatini University of Georgia	**Why Trypanosome DNA tastes so good: Biosynthesis and function of hyper-modified DNA**
Tuesday, July 21	Gary Ward University of Vermont	**Small-molecule-based approaches to studying host-parasite interaction**
Wednesday, July 22	Steve Hajduk University of Georgia	**Why RNA editing**
Thursday, July 23	L. David Sibley Washington Univ Sch Med	**Genetic analysis of virulence in *Toxoplasma***
Friday, July 24	George Cross The Rockefeller University	**Regulation of gene expression and anti-genic variation in *Trypanosoma brucei***
Saturday, July 25	Kent Hill UCLA	**Parasites in motion: moving deeper into questions about motility in African trypanosomes**
Monday, July 27	Karen Day New York University	**Malaria transmission: Dynamics and diversity**
Tuesday, July 28	Kip Guy St. Jude Children's Rsch Hosp	**Drug discovery for parasitic diseases**
Wednesday, July 29	Debbie Smith University of York	**Targeting *Leishmania*: enzymes, proteins, the host response to infection**
Thursday, July 30	Andy Waters University of Glasgow	**Sexual development in *Plasmodium*: Conserved actors occasionally reading new lines**
Friday, July 31	Boris Striepen University of Georgia	**The biology of the apicomplexan plastid**

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