

Program for “Microbes and Mucosal Immunity 2009: Boston”

Part 1

Sunday, July 5th, 2009

Opening Remarks: Peter Ernst (8:30 – 8:45)

Session I: Anatomy, Physiology & Pathology of Mucosal Surfaces (8:45 – 10:15)

Speakers: *Physiology of the Gastrointestinal Tract*
Wallace MacNaughton, University of Calgary, Alberta, Canada

Pathologies of the GI Tract
Jerry Turner, University of Chicago, Chicago, IL, USA

Comparative Pathology in Models of GI Disease
Atul Bhan, Harvard Medical School, Boston, MA, USA

Pathologies of the Respiratory Tract
Dale Umetsu, Harvard Medical School, Boston, MA, USA

Refreshment break (15 minutes)

Session II: Epithelial and Innate Immune Responses (10:30 – 11:30)

Speakers: *Models to Study Innate Responses in the GI Tract*
Christian Jobin, University of North Carolina, Chapel Hill, NC, USA

The Innate Responses to Gastrointestinal Infections
Lesley Smythies, University of Alabama, Birmingham, AL, USA

Innate Immunity and Mucosal Inflammation
Anuradha Ray, University of Pittsburgh, Pittsburgh, PA, USA

Discussion Period for Sessions I and II (30 minutes)

Lunch Break (12:00 – 1:00 pm)

Session III: Adaptive Immunity in Mucosal Tissues (1:00 – 2:30)

Speakers: *T Cell Immunity to Mucosal Pathogens*
Leo Lefrançois, University of Connecticut, USA

Reciprocal Effects of Pathogenic and Protective T Cell Responses in the Lung
Kingston Mills, Trinity College, Dublin, Ireland

Control of T Cell Responses to Intestinal Infections
Charles Elson, University of Alabama, Birmingham, AL, USA

Strategies for the Induction of Mucosal Immunity
Nils Lycke, University of Goteborg, Sweden

Refreshment break (15 minutes)

Session IV: Novel Approaches to Study Host Responses in Mucosal Tissues (2:45 – 4:15)

Speakers: *Approaches for the Genome-Wide Analysis of Susceptibility Loci for IBD*
Judy Cho, Yale University, New Haven, CT, USA

Imaging of Mucosal Immune Responses
Hans Christian Reinecker, Massachusetts General Hospital, Boston, MA, USA

Modeling the Microcirculation, Immune Cell Extravasation and GI inflammation
Shayn Peirce-Cottler, University of Virginia, VA, USA

Blockade of Lymphocyte Trafficking as a Therapeutic Strategy for GI Inflammation
Jesus Nieves-Rivera, University of Colorado, CO, USA

Discussion Period for Sessions III and IV (30 minutes)

Keynote Lecture

Studying the Microbiome in Mucosal Tissues (6:00)

Brett Finlay, UBC

Reception

Part II ICMI July 5th-9th.