

Center for the Study of Inflammatory Bowel Disease
25th Annual Workshop

Human Immune Interactome in Health and Disease
November 13 – 14, 2015

November 13, 2015

- 7:30 - 7:55 Registration and Continental Breakfast
Opening Remarks
 Ramnik J. Xavier, M.D., Director, CSIBD
- Session I:** Moderators: Gail Hecht, M.D., and Kate Jeffrey, Ph.D.
- 8:00 – 8:20 ***“IgG4 Disease” to “IgG4-Related Disease”***
Shiv Pillai, M.D., Ph.D., Massachusetts General Hospital, Boston, MA
- 8:25 – 8:45 ***Antigen Discovery in Ulcerative Colitis***
Charles Elson, III, M.D., University of Alabama, Birmingham, AL
- 8:50 – 9:10 ***Resident Memory T Cells in Human Health and Disease***
Rachael Clark, M.D., Ph.D., Brigham and Women’s Hospital, Boston, MA
- 9:15 – 9:35 ***T Cell Tolerance to Tissue-Restricted Self Antigens***
James Moon, Ph.D., Massachusetts General Hospital, Boston, MA
- 9:40 – 10:00 ***T Cell Autoimmunity***
Gerald Nepom, M.D., Ph.D., Benaroya Research Institute at Virginia Mason, Seattle, WA
- 10:05 – 10:20 **BREAK**
- Session II:** Moderators: Charles Elson, M.D., and Fabio Cominelli, M.D., Ph.D.
- 10:25 – 10:45 ***Combining Population and Clinical Biobanks to Translate Genetic Variation into Immune Function***
Cisca Wijmenga, Ph.D., The University of Groningen, The Netherlands
- 10:50 – 11:10 ***The Milieu Intérieur Study***
Matthew Albert, M.D., Ph.D., Institut Pasteur, Paris, France
- 11:15 – 11:35 ***Regulation and Role of Human Intraepithelial Lymphocytes***
Bana Jabri, M.D., Ph.D., The University of Chicago, Chicago, IL
- 11:40 – 12:00 ***Functional Heterogeneity of Human Memory CD4+ T Cells in Health and Disease***
Ben A. Croker, Ph.D., Boston Children’s Hospital, Boston, MA
- 12:00 – 1:00 **LUNCH**

Session III:

Moderators: John Garber, M.D., and Atul Bhan, M.D.

1:05 – 1:25

Immune Competence and Metabolic Circuits

Helen Su, M.D., Ph.D., National Institute of Allergy and Infectious Diseases, Bethesda, MD

1:30 – 1:50

Novel insights into Phenotypic Heterogeneity of Human RAG Deficiency

Luigi Notarangelo, M.D., Boston Children's Hospital, Boston, MA

1:55 – 2:15

Treatment and Cure Strategies for WHIM Syndrome Immunodeficiency

Philip Murphy, M.D., National Institute of Allergy and Infectious Diseases, Bethesda, MD

2:20 – 2:40

Development of Novel Models to Study IL-23 Biology in vivo

Sergio Lira, M.D., Ph.D., Mount Sinai Hospital, New York, NY

2:45 – 3:05

BREAK

Session IV:

Moderators: James Moon, Ph.D., and Vijay Yajnik, M.D., Ph.D.

3:10 – 3:30

Channels, Bugs and Lysosomes

Soman Abraham, Ph.D., Duke University School of Medicine, Durham, NC

3:35 – 3:55

Regulators of Selective Autophagy

Leon Murphy, Ph.D., Novartis Institutes for Biomedical Research, Cambridge, MA

4:00 – 4:20

Immunity and Genetic Properties of Tumors

Nir Hacohen, Ph.D., Massachusetts General Hospital, Boston, MA

4:25 – 4:45

Master Regulators and Cancer

Andrea Califano, Ph.D., Columbia University, New York, NY

November 14, 2015

7:15 - 7:40 Registration and Continental Breakfast

Session V: Moderators: Andrew Luster, M.D., Ph.D., and Hans-Christian Reinecker, M.D.

7:45 – 8:05 ***Airway Immune Response to Allergen in Asthma***
Andrew Luster, M.D., Ph.D., Massachusetts General Hospital, Boston, MA

8:10 – 8:30 ***Accelerating to Impact: Experimental Medicine in Infectious Diseases***
Lynda Stuart, M.D., Ph.D., Bill & Melinda Gates Foundation, Seattle, WA

8:35 – 8:55 ***Check Points in Autoimmunity***
Mark Anderson, M.D., UCSF Medical Center, San Francisco, CA

KEYNOTE ADDRESS

9:00 – 9:30 ***Immunication for HIV-1 Broadly Neutralizing Antibodies***
Michel Nussenzweig, M.D., Ph.D., The Rockefeller University, New York, NY

9:35 – 9:55 ***Approaching the Immune System as an Interacting Ensemble of Cells***
Alex Shalek, Ph.D., Ragon Institute of MGH, MIT and Harvard, Cambridge, MA

10:00 – 10:20 **BREAK**

Session VI: Moderators: Balfour Sartor, M.D., and Cosmas Giallourakis, M.D.

10:25 – 10:45 ***A Distinct Biology of Clinical Outcome in Immune-mediated Disease?***
Kenneth Smith, M.D., Ph.D., The University of Cambridge, Cambridge, UK

10:50 – 11:10 ***Paneth Cells in 2015***
Thaddeus S. Stappenbeck, M.D., Ph.D., Washington University School of Medicine, St. Louis, MO

11:15 – 11:35 ***Microbes and Metabolic Syndromes***
Charles Mackay, Ph.D., Pfizer, Inc., Cambridge, MA

11:40 – 12:00 ***Testing the Hygiene Hypothesis: Microbiome Development of Infants with Different Lifestyles***
Tommi Vatanen, M.Sc., Broad Institute of MIT and Harvard, Cambridge, MA

12:05 – **LUNCH**

**Simches Research Building at Charles River Plaza
185 Cambridge Street, 3rd floor
The Workshop is open to the research community at no charge
To register, please e-mail mleonard1@partners.org**