

**32nd Center for the Study of Inflammatory Bowel Disease
Symposium - 3rd Broad Immunology Symposium
November 17-18th, 2022**

Thursday – November 17th, 2022

8:00 – 9:00 Breakfast and registration

Session I Neuro-immune communication

(Moderators: David Saslowsky / Jenna Sternberg)

Keynote I

9:00 - 10:00 Jonathan Kipnis - *Lympho-vascular interface in neurodegeneration*

10:00-10:15 Break

Session I continued

10:15 – 10:45 Gérard Eberl - *Regulation of hypothalamic functions by microbiota and cytokines*

10:45 – 11:15 Josefina del Marmol - *Sensing scents: structural mechanisms of chemical sensing*

11:15 – 11:45 Gloria Choi - *Neuroimmune interactions shaping social behavior*

11:45 – 12:15 Lauren Orefice - *Gastrointestinal dysfunction in mouse models for autism spectrum disorder*

12:15 – 1:30 Lunch break (Lobby)

Session II Immune contributions to tissue biology

(Moderators: Hans-Christian Reinecker / Daniel Graham)

1:30 - 2:00 Donna Farber - *Development of Human Immunity in Tissues*

2:00 - 2:30 Ari Molofsky - *Dynamics of tissue lymphocyte niches*

2:30 - 3:00 Theresa Pizarro - *Enigmatic roles of gasdermins in GI health and disease*

3:00 - 3:30 Break

3:30 - 4:00 Norbert Perrimon - *Epithelial calcium waves triggered by enteric neurons heal the gut*

4:00 - 4:30 Kodi Ravichandran - *Efferocytosis of apoptotic cells in physiology and disease*

4:30 - 5:00 Vijay Sankaran - *Reading and modifying genomes to decipher human hematopoiesis*

The Symposium is open to the research community at no charge.
To register, please sign up at https://broad.io/2022_CSIBD_Immuno
We want to acknowledge the sponsors who helped organize this meeting:

Friday – November 18th, 2022

8:00 – 9:00 Breakfast and registration

Session III Aerobic and anaerobic metabolism

(Moderators: Quincey Justman / Fabio Cominelli)

9:00 – 9:30 Eran Elinav - *Host microbiome interactions in health and disease*

9:30 - 10:00 Mohammad Seyedsayamdost – *TBD*

10:00 - 10:30 Janelle Ayres – *TBD*

10:30 – 10:45 Break

10:45 - 11:15 Navdeep Chandel - *Mitochondria control of immunity*

11:15 - 11:45 Evanna Mills - *Succinate signaling in metabolic disease*

11:45 - 12:15 Andrew Patterson - *Bile Acid Messengers Between the Host and Gut Microbiota*

12:15 - 1:30 Lunch break (lobby)

Session IV Host-microbiome communication

(Moderators: Gleb Pishchany / Jacques Deguine)

1:30 – 2:00 Seth Rakoff-Nahoum - *Functional diversification of plant small molecules by the gut microbiome*

2:00 – 2:30 Angelina Bilate - *Microbial recognition by intestinal T lymphocytes*

2:30 – 3:00 Bana Jabri - *Control of host-microbial interactions in health and disease*

3:00 – 3:30 Christopher Smillie - *Identifying vulnerabilities in host-microbiome metabolism during intestinal inflammation*

3:30 – 4:00 Break

Keynote II

4:00 - 5:00 Yasmine Belkaid – *Microbiome control of host immunity*

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