

# 33rd CSIBD Workshop and 4th Broad Immunology Symposium

Agenda  
November 2nd, 2023

## Session 1

### Proteins and metabolites in the immunity

- 9:00 - 10:00am Keynote: Giorgio Trinchieri, MD (Center for Cancer Research, NIH)  
“Modulation of cancer immunotherapy by the gut microbiota”
- 10:00 - 10:30am Nicholas Polizzi, PhD (Dana Farber Cancer Institute)  
“Designing small-molecule binding proteins from scratch”
- 10:30 - 10:50am Break
- 10:50 - 11:20am Marcia Haigis, PhD (Harvard Medical School)  
“The role of metabolites in cancer”
- 11:20 - 11:50am Vamsi Mootha, MD (Massachusetts General Hospital, HMS)  
“Hypoxia as a therapy for mitochondrial disease”
- 11:50 - 12:20am Aashish Manglik, MD, PhD (UCSF)  
“Cracking codes in cellular communication”
- 12:20 - 1:40pm Lunch

## Session 2

### T cell functional specification

- 1:40 - 2:10pm Rod Rahimi, MD, PhD (MGH, HMS, Beth Israel Deaconess Medical Center)  
“Regulatory T cell control of allergic airway disease”
- 2:10 - 2:40pm Carmen Gerlach, PhD (Karolinska Institutet)  
“Diversification within the CD8 T cell response”
- 2:40 - 3:10pm Ruth Franklin, PhD (Harvard University)  
“Macrophages limit pathological interferon responses”
- 3:10 - 3:30pm Break
- 3:30 - 4:00pm Judith Agudo, PhD (Dana Farber Cancer Institute)  
“Immune evasion in tumors: a matter of cell cycle and stemness”
- 4:00 - 4:30pm Rob Manguso, PhD (MGH, HMS, The Broad Institute)  
“Small molecule inhibition of PTPN2/N1 rewires CD8+ T cell exhaustion”
- 4:30 - 5:00pm Christoph Thaiss, PhD (UPenn Institute for Immunology)  
“Body-brain interactions: a new frontier in biomedicine”

# 33rd CSIBD Workshop and 4th Broad Immunology Symposium

Agenda November 3rd, 2023

## Session 3 Host-Microbiome Interactions

- 9:00 - 9:30am Wendy Garrett, MD, PhD (Harvard T.H. Chan School of Public Health)  
“Lessons or learnings? Microbial bioactivities in health and disease”
- 9:30 - 10:00am Curtis Huttenhower, PhD (Harvard T.H. Chan School of Public Health)  
“The Inflammatory Arthritis Microbiome Consortium”
- 10:00 - 10:30am Alexandra Zhernakova, MD, PhD (University of Groningen)  
“Microbial and genetic determinants of human antibody profile”
- 10:30 - 10:50am Break
- 10:50 - 11:20am Andrea Reboldi, PhD (UMass Chan Medical School)  
“Metabolic regulation of intestinal humoral immunity”
- 11:20 - 11:50am Meng Wu, PhD (WUSTL School of Medicine)  
“The Gut Complement System: A Microbiome Induced Sentinel for Combating Pathogens and Sparing Commensals”
- 11:50 - 12:20am Vijay Kuchroo, DVM, PhD (BWH, HMS, Gene Lay Institute)  
“Role of IL-23 and Th17 cells in tissue inflammation”
- 12:20 - 1:10pm Lunch

## Session 4 Tissue Organization and Memory Formation

- 1:10 - 1:40pm Moshe Biton, PhD (Weizmann Institute of Science)  
“Innate immune properties of intestinal stem cells”
- 1:40 - 2:10pm Azucena Salas, PhD (IDIBAPS, Hospital Clinic Barcelona)  
“Combining scRNA-seq and spatial transcriptomics to understand inflammatory bowel disease”
- 2:10 - 2:40pm Jeffrey Moffitt, PhD (Boston Children’s Hospital, HMS)  
“Mapping the Cellular and Spatial Remodeling During Gut Inflammation with MERFISH”
- 2:40 - 3:00pm Break
- 3:00 - 3:30pm Hailing Shi, PhD (Broad Institute of MIT and Harvard)  
“Deciphering Tissue Organization with Precision: Insights from Spatial Atlas and Viral Tropisms”
- 3:30 - 4:00pm David Artis, PhD (Weill Cornell Medicine)  
“Regulation of Barrier Immunity”
- 4:00 - 5:00pm Keynote: Ananda Goldrath, PhD (University of California, San Diego)  
“Tissue-resident memory T cell differentiation in space and time”