Center for the Study of Inflammatory Bowel Disease
Massachusetts General Hospital

27th Annual Symposium

Thursday – November 2, 2017
7:30 a.m. - 5:15 p.m.

7:30 - 8:00 Registration and Breakfast

8:00 – 8:10 Opening Remarks – Ramnik J. Xavier, M.D. - Director, CSIBD

8:10 - 8:30 **Reverse Metabolomics and Genetic Tools for Studying Metabolism**
*Russell Goodman M.D., Ph.D.*, Gastrointestinal Unit
Massachusetts General Hospital

8:35 - 8:55 Early Transcriptional Divergence Marks Virus-Specific Primary Human CD8(+) T Cells in Chronic versus Acute Infection
*Georg Lauer, M.D., Ph.D.*, Gastrointestinal Unit
Massachusetts General Hospital

9:00 - 9:20 Long Noncoding RNAs in Fibrosis
*Alan Mullen, M.D., Ph.D.*, Gastrointestinal Unit
Massachusetts General Hospital

9:25 – 9:40 Break

*Aylwin Ng Ph.D.*, Gastrointestinal Unit
Massachusetts General Hospital

10:10 – 10:30 Targeting CTLA-4 with High-Affinity Single Domain Antibodies
*Michael Dougan, M.D., Ph.D.*, Gastrointestinal Unit
Massachusetts General Hospital

10:35 – 10:55 Broad Microbiome Library
*Mathilde Poyet, Ph.D.*, Postdoctoral Associate, Eric Alm’s laboratory
MIT

11:00 – 12:00 **KEYNOTE ADDRESS**
Strain-Tracking Reveals the Determinants of Bacterial Engraftment in the Human Gut Following Fecal Microbiota Transplantation
*Eric Alm, Ph.D.*, Director
Center for Microbiome Informatics and Therapeutics MIT

12:00 – 2:00 LUNCH BREAK

2:00 – 5:15 **CMIT Research Forum**
Chair: *Hera Vlamakis, Ph.D.*, Group Leader / Research Scientist
The Broad Institute

2:00 – 2:20 Strains, Functions, and Dynamics in the Expanded Human Microbiome Project
*Eric Franzosa, Ph.D.*, Research Scientist, Curtis Huttenhower’s laboratory
Harvard T.H. Chan School of Public Health
2:25 – 2:45  Fecal Microbiota Transplantation for the Treatment of Primary Sclerosis Cholangitis  
Jessica Allegretti, M.D., M.P.H., Gastroenterology and Hepatology Division  
Brigham and Women’s Hospital

2:50 – 3:10  Unsupervised Novel Lineage Classification using Bayesian Nonparametrics  
Ashwin Narayan, Graduate Student, Bonnie Berger’s laboratory  
MIT

3:15 – 3:35  The Global Microbiome Conservancy: Advancing Human Health Through the Exploration of our Global Microbial Heritage  
Mathieu Groussin, Ph.D., Postdoctoral Associate, Eric Alm’s laboratory  
MIT

3:40 – 3:55  Break

4:00 – 4:20  Individual-Specific Eco-Evolutionary Dynamics in the Human Gut  
Sean Gibbons, MSc., Ph.D., Postdoctoral Associate, Eric Alm’s laboratory  
MIT

4:25 – 4:45  Dynamics of Metatranscription in the Inflammatory Bowel Disease Gut Microbiome  
Melanie Schirmer, Ph.D., Postdoctoral Associate, Xavier and Huttenhower laboratories  
The Broad Institute of MIT and Harvard

4:50 – 5:15  Adaptation of Commensal Bacteria within Individual Healthy People  
Tami Lieberman, Ph.D., Postdoctoral Associate, Eric Alm’s laboratory  
MIT

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