29th Center for the Study of Inflammatory Bowel Disease Symposium
November 7-8th 2019
The Broad Institute of MIT and Harvard
415 Main Street Auditorium

Thursday – November 7th, 2019
Center for the Study of Inflammatory Bowel Disease and
Center for Microbiome Informatics and Therapeutics Symposium
“Microbiome and Therapeutic Opportunities”

8:00 – 8:30  Registration and Breakfast
8:30 – 8:40  CSIBD Overview - Ramnik J. Xavier, M.D., Director

Session I
Moderator: Kate Jeffrey, Ph.D.

8:40 – 9:25  Keynote Address
The role of the microbiome in response and toxicity to therapy
Jennifer Wargo, M.D., M.M.Sc.
MD Anderson Cancer Center, Houston, TX

9:25 – 9:50  Microbes and Metabolites: Enhancing immune checkpoint blockade therapy in colorectal cancer
Kathy McCoy, Ph.D.
University of Calgary, Calgary, AB, Canada

9:50 - 10:15  De novo mutations in human microbiomes
Tami Lieberman, Ph.D. (CSIBD PFS recipient)
M.I.T., Cambridge, MA

10:15 – 10:45  Break

Session II
Moderator: Curtis Huttenhower, Ph.D.

10:45 – 11:10  TBD
Trevor Lawley, Ph.D.
Wellcome Sanger Institute, Hinxton, Cambridgeshire, UK

11:10 – 11:35  Microbial targeting of immunoglobulins
Thaddeus Stappenbeck, M.D., Ph.D.
Cleveland Clinic/Lerner Research Institute, Cleveland, OH

11:35 – 12:00  TBD
Noah Palm, Ph.D.
Yale University, New Haven, CT
12:00 – 1:30  Lunch

**Session III**

Moderator: Stephen James, M.D.

1:30 – 1:55  *Integrating dietary history into microbiome studies*
Dan Knights, Ph.D.
*University of Minnesota, Minneapolis, MN*

1:55 – 2:20  *Small molecules from the human microbiota*
Michael Fischbach, Ph.D.
*Stanford University, Stanford, CA*

2:20 – 2:45  *Gut-residing bacteria modulate immune function and social behavior*
Jun Huh, Ph.D.
*Harvard Medical School, Cambridge, MA*

2:45 – 3:10  **TBD**
Ilana Brito, Ph.D.
*Cornell University, Ithaca, NY*

3:10 – 3:40  Break

**Session IV**

Moderator: Fabio Cominelli, M.D., Ph.D.

3:40 – 4:05  *In the Heat of the Host: Within-host evolution of Crohn’s-associated E. coli*
Brian Coombes, Ph.D.
*McMaster University, Hamilton, ON, Canada*

4:05 – 4:30  *Glycans at the Host-Microbe Interface*
Laura Kiessling, Ph.D.
*M.I.T., Cambridge, MA*

4:30 – 4:55  **TBD**
R. Balfour Sartor, M.D.
*University of North Carolina, Chapel Hill, NC*

4:55 - 5:25  *Global Microbiome Conservancy Project*
Eric Alm, Ph.D.
*M.I.T., Cambridge, MA*