

# 29th Center for the Study of Inflammatory Bowel Disease Symposium November 7-8<sup>th</sup> 2019

The Broad Institute of MIT and Harvard  
415 Main Street Auditorium

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

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| 8:00 – 8:30              | Registration and Breakfast   |
| 8:30 – 8:40              | CSIBD Overview - Ramnik J. Xavier, M.D., Director  |
| <b><u>Session I</u></b>  | Moderator: Kate Jeffrey, Ph.D.   |
| 8:40 – 9:25              | <b><u>Keynote Address</u></b><br><b><i>The role of the microbiome in response and toxicity to therapy</i></b><br>Jennifer Wargo, M.D., M.M.Sc.<br>MD Anderson Cancer Center, Houston, TX |
| 9:25 – 9:50              | <b><i>Microbes and Metabolites: Enhancing immune checkpoint blockade therapy in colorectal cancer</i></b><br>Kathy McCoy, Ph.D.<br>University of Calgary, Calgary, AB, Canada            |
| 9:50 - 10:15             | <b><i>De novo mutations in human microbiomes</i></b><br>Tami Lieberman, Ph.D. (CSIBD PFS recipient)<br>M.I.T., Cambridge, MA   |
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| 10:15 – 10:45            | Break  |
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| <b><u>Session II</u></b> | Moderator: Curtis Huttenhower, Ph.D.   |
| 10:45 – 11:10            | <b><i>TBD</i></b><br>Trevor Lawley, Ph.D.<br>Wellcome Sanger Institute, Hinxton, Cambridgeshire, UK  |
| 11:10 – 11:35            | <b><i>Microbial targeting of immunoglobulins</i></b><br>Thaddeus Stappenbeck, M.D., Ph.D.<br>Cleveland Clinic/Lerner Research Institute, Cleveland, OH                                   |
| 11:35 – 12:00            | <b><i>TBD</i></b><br>Noah Palm, Ph.D.<br>Yale University, New Haven, CT  |

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12:00 – 1:30            Lunch

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**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*

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3:10 – 3:40            Break

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**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*