

Friday – November 8<sup>th</sup>, 2019  
Center for the Study of Inflammatory Bowel Disease Workshop and  
Broad Immunology Program Inaugural Symposium  
“Immune States across Health and Disease”

8:00 – 8:30 Registration and Breakfast

8:30 – 8:40 Immunology Overview - Ramnik J. Xavier, M.D., Director

**Session I:** ***Anti-tumoral responses and immune-related adverse events***  
Moderator: Jacques Deguine, Ph.D.

8:40 – 9:05 ***Cell migration and cell-cell communication in the immune system***  
Thorsten Mempel, M.D., Ph.D.  
*Massachusetts General Hospital, Boston, MA*

9:05 – 9:30 ***Molecular and epigenetic programs defining T cell dysfunction and reprogrammability in tumors***  
Andrea Schietinger, Ph.D.  
*Memorial Sloan Kettering Cancer Center, New York, NY*

9:30 – 9:55 ***Solving the Achilles heel of Cancer Immunotherapy***  
Chloe Villani, Ph.D. (CSIBD PFS recipient)  
*Massachusetts General Hospital, Boston, MA*

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9:55 – 10:25 Break

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**Session II:** ***Allergic and type 2 responses***  
Moderator: Ursula Weiss, Ph.D.

10:25 – 10:50 ***Scratching that itch – sensory neuron control of allergic immunity***  
Caroline Sokol, M.D., Ph.D. (CSIBD PFS recipient)  
*Massachusetts General Hospital, Boston, MA*

10:50 – 11:15 ***Anaphylactic IgE is induced by a specialized T follicular helper cell subset***  
Stephanie Eisenbarth, M.D., Ph.D.  
*Yale, New Haven, CT*

11:15 – 11:40 ***TBD***  
John O’Shea, M.D.  
*National Institutes of Health, Bethesda, MD*

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11:40 – 1:10 Lunch

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**Session III:**

***Viral Immunology***

Moderator: Andrew Luster, M.D., Ph.D.

1:10 – 2:00

**Keynote Address**

***Role of autophagy and autophagy genes in inflammation and immunity***

Herbert 'Skip' Virgin, M.D., Ph.D.

*Vir Biotechnology, San Francisco, CA*

2:00 – 2:25

***Visualizing immune responses in zebrafish***

Nels Elde, Ph.D.

*University of Utah, Salt Lake City, UT*

2:25 – 2:50

***TBD***

Steve Elledge, Ph.D.

*Harvard Medical School, Cambridge, MA*

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2:50 – 3:20

Break

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**Session IV:**

***Immune interactions across tissues and organs***

Moderator: Shiv Pillai, M.D., Ph.D.

3:20 – 3:45

***Microbiota and development of intestinal immunity***

Gretchen Diehl, Ph.D.

*Baylor College of Medicine, Houston, TX*

3:45 – 4:10

***Neuron-Immune interactions in bacterial host defense***

Isaac Chiu, Ph.D.

*Harvard Medical School, Cambridge, MA*

4:10 – 4:35

***TREM2-dependent and -independent cellular responses in Alzheimer's disease***

Marco Colonna, M.D., Ph.D.

*Washington University of St. Louis, St. Louis, MO*

4:35 – 5:00

***TBD***

Nir Hacohen., Ph.D.

*Massachusetts General Hospital, Boston, MA*

**The Broad Institute of MIT and Harvard  
415 Main Street, Auditorium**

The Symposium is open to the research community at no charge.

To register for "Microbiome and Therapeutic Opportunities", please sign up at

<https://forms.gle/AA2FeboX1ukpLUF86>

To register for "Immune States across Health and Disease", please sign up at

<https://forms.gle/BvyQ1wsp7Mzr9n28>