

An abstract graphic on the right side of the poster, featuring several clusters of small, colorful circles in shades of blue, orange, green, pink, and grey, resembling a microscopic view of cells or a data visualization of cell clusters.

# Symposium

Jonathan Kraft Prize for Excellence in Cancer Research  
*Presented by the Massachusetts General Hospital Cancer Center*

Keynote Speaker/Prize Recipient

**Aviv Regev, PhD**

*Head, Genentech Research and Early Development  
Core member (on leave), Broad Institute of MIT and Harvard  
Professor of Biology (on leave), MIT*

**Cell Atlases as Roadmaps to  
Understand and Treat Cancer**

**Thursday, November 4, 2021  
1:00pm – 5:00pm**

Symposium Speakers

**Fei Chen, MD, PhD**

*Broad Institute of MIT & Harvard*

**Mario L. Suvà, MD, PhD**

*Massachusetts General Hospital*

**Caroline Uhler, PhD**

*Massachusetts Institute of Technology*

**Alexandra-Chloé Villani, PhD**

*Massachusetts General Hospital*

Register in advance for this Virtual Symposium:

[https://partners.zoom.us/webinar/register/WN\\_hLTAcSa7TZCnt6pGCIRr\\_g](https://partners.zoom.us/webinar/register/WN_hLTAcSa7TZCnt6pGCIRr_g)

Visit [www.massgeneral.org/kraftsymposium](http://www.massgeneral.org/kraftsymposium) for additional information.

**Questions?** Contact: Sophia Sid | [ssid@mgh.harvard.edu](mailto:ssid@mgh.harvard.edu) | 617.726.6015

# Jonathan Kraft Award for Excellence in Cancer Research

Since 2006, the MGH Center for Cancer Research has annually honored a luminary in the field - an extraordinary scientist, who has made major advances in our understanding of cancer and its treatment, and has been recognized as a true mentor by teaching and inspiring the next generation of cancer researchers. This year, the 2020 Kraft Award will be presented to Aviv Regev, PhD, Head of Genentech Research and Early Development, for her groundbreaking work in cancer heterogeneity and single cell genomics. Previous recipients of the MGH Award in Cancer Research (preceding the endowment of this award in honor of Jonathan Kraft) include: Drs. Anton Berns, Joan Massague, Titia de Lange, Bert Vogelstein, Charles Sawyers, Michael Stratton, Craig Thompson, James Allison, and Hans Clevers. In 2015, Dr. David Allis was the first recipient of the named Jonathan Kraft Award. In subsequent years, the Award has been given to Drs. Joan Steitz, Kevan Shokat, Charles Swanton, and Carl June.

## Keynote Speaker/Prize Recipient

### **Aviv Regev, PhD**

*Head, Genentech Research and Early Development*

*Core member (on leave), Broad Institute of MIT and Harvard*

*Professor of Biology (on leave), MIT*

## Symposium Speakers

### **Fei Chen, MD, PhD**

*Assistant Professor, Harvard Department of Stem Cell and Regenerative Biology*

*Core member, Broad Institute of MIT & Harvard*

### **Mario L. Suvà, MD, PhD**

*Massachusetts General Hospital Cancer Center and Harvard Medical School*

*Institute Member, Broad Institute of MIT & Harvard*

### **Caroline Uhler, PhD**

*Associate Professor, Department of Electrical Engineering and Computer Science and the Institute for Data, Systems, and Society, Massachusetts Institute of Technology*

*Co-Director, Eric and Wendy Schmidt Center, Broad Institute of MIT & Harvard*

### **Alexandra-Chloé Villani, PhD**

*Assistant Professor of Medicine Massachusetts General Hospital Cancer Center, Center for Immunology & Inflammatory Diseases, Broad Institute, and Harvard Medical School*

## Thursday, November 4, 2021 AGENDA

- 1:00 pm      **Welcome and opening remarks**  
Daniel A. Haber, MD, PhD  
*Director, Mass General Cancer Center*
- Introductions**  
**Nir Hacohen, PhD**  
*Director, Center for Cancer Immunology,  
Mass General Cancer Center*
- 1:10 pm      **"Next generation tools for tissue genomics"**  
**Fei Chen, PhD**  
*Assistant Professor, Department of Stem Cell &  
Regenerative Biology, Harvard University*
- 1:40 pm      **"Dissecting the biology of gliomas by single-cell genomics"**  
**Mario L. Suvà, MD, PhD**  
*Associate Professor of Pathology  
Massachusetts General Hospital Cancer Center and  
Harvard Medical School  
Institute Member, Broad Institute of MIT & Harvard*
- 2:10 pm      **Break**
- 2:30 pm      **"Causal inference in the light of drug repurposing for COVID-19"**  
**Caroline Uhler, PhD**  
*Henry L. and Grace Doherty Associate Professor  
Dept. of Electrical Engineering and Computer Science  
Massachusetts Institute of Technology*
- 3:00 pm      **"Unraveling the underpinnings of irAEs to immune checkpoint inhibitor therapy through the lenses of single-cell genomics"**  
**Alexandra-Chloé Villani, PhD**  
*Assistant Professor of Medicine, Massachusetts General Hospital Cancer Center, Center for Immunology & Inflammatory Diseases, Broad Institute, and Harvard Medical School*
- 3:30 pm      **Break**
- 3:50 pm      **Keynote Speaker Introduction & Prize Presentation**  
Daniel A. Haber, MD, PhD
- 4:00 pm      **Keynote Address:**  
**"Cell atlases as roadmaps to understand and treat cancer"**  
**Aviv Regev, PhD**  
*Head, Genentech Research and Early Development  
Core member (on leave), Broad Institute of MIT and Harvard  
Professor of Biology (on leave), MIT*