

# Symposium

## Jonathan Kraft Prize for Excellence in Cancer Research

*Presented by the Massachusetts General Hospital Cancer Center*

Keynote Speaker/Prize Recipient

## Joan A. Steitz, PhD

*Sterling Professor of Molecular Biophysics and Biochemistry  
Yale School of Medicine. Investigator, Howard Hughes Medical Institute*

## Noncoding RNAs of viral and cellular origin: More surprises

### Symposium Speakers

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#### David P. Bartel, PhD

*Massachusetts Institute of Technology  
Howard Hughes Medical Institute*

#### Aviv Regev, PhD

*Broad Institute  
Howard Hughes Medical Institute*

#### Gary B. Ruvkun, PhD

*Massachusetts General Hospital  
Harvard Medical School*

#### Phillip A. Sharp, PhD

*Nobel Laureate  
Massachusetts Institute of Technology*

#### Jack W. Szostak, PhD

*Nobel Laureate  
Massachusetts General Hospital  
Harvard Medical School  
Howard Hughes Medical Institute*

#### Shobha Vasudevan, PhD

*Massachusetts General Hospital  
Harvard Medical School*

#### Lee Zou, PhD

*Massachusetts General Hospital  
Harvard Medical School*

**Thursday, May 26, 2016, 10:30 am – 5:00 pm**

**Starr Center, Simches Building, 2<sup>nd</sup> Floor  
185 Cambridge Street, Boston, MA 02114**

**Questions?** Contact: Sophia Sid | [ssid@partners.org](mailto:ssid@partners.org) | 617.726.5611

Visit [www.massgeneral.org/kraftsymposium](http://www.massgeneral.org/kraftsymposium) to view agenda and register.



MASSACHUSETTS  
GENERAL HOSPITAL

CANCER CENTER

# Jonathan Kraft Award for Excellence in Cancer Research

Since 2006, each year the Mass General Hospital Center for Cancer Research has honored a luminary in the field - an extraordinary scientist, who has made major advances in our understanding of cancer and its treatment, and who has been recognized as a true mentor by teaching and inspiring the next generation of cancer researchers. This year, the 2016 Kraft award will be presented to **Dr. Joan A. Steitz**, of Yale University, for her outstanding contributions to the field of non-coding RNA-protein

complexes and their emerging role in abnormal development and cancer. Previous recipients of the MGH Award in Cancer Research (preceding the endowment of this award in honor of Jonathan Kraft) include: Anton Berns, Joan Massague, Titia de Lange, Bert Vogelstein, Charles Sawyers, Michael Stratton, Craig Thompson, James Allison and Hans Clevers. Last year, David Allis was the first recipient of the named Jonathan Kraft Award.

## Keynote Speaker/Prize Recipient

### Joan A. Steitz, PhD

*Sterling Professor of Molecular Biophysics and Biochemistry, Yale School of Medicine, Investigator, Howard Hughes Medical Institute*

## Speakers

### David P. Bartel, PhD

*Professor of Biology, Massachusetts Institute of Technology  
Investigator, Howard Hughes Medical Institute, Whitehead Institute*

### Aviv Regev, PhD

*Professor of Biology, Massachusetts Institute of Technology  
Core Member, Broad Institute and Harvard University  
Early Career Scientist, Howard Hughes Medical Institute*

### Gary B. Ruvkun, PhD

*Professor of Genetics  
Department of Molecular Biology Massachusetts General Hospital and Harvard Medical School*

### Phillip A. Sharp, PhD

*Nobel Laureate  
Institute Professor, Koch Institute for Integrative Cancer Research  
Massachusetts Institute of Technology*

### Jack W. Szostak, PhD

*Nobel Laureate  
Alex A. Rich Distinguished Investigator, Department of Molecular Biology, Massachusetts General Hospital  
Professor of Genetics, Harvard Medical School  
Professor of Chemistry and Chemical Biology, Harvard University*

### Shobha Vasudevan, PhD

*Assistant Professor of Medicine  
Massachusetts General Hospital and Harvard Medical School*

### Lee Zou, PhD

*Professor of Pathology  
Massachusetts General Hospital and Harvard Medical School*

## Schedule

10:30 am	<b>Continental breakfast</b>	2:25 pm	<b>"Specialized translation mechanisms in quiescent cancer cells"</b> Shobha Vasudevan, PhD
11:00 am	<b>Welcome and opening remarks</b> Daniel A. Haber, MD, PhD Director, Mass General Cancer Center	2:50 pm	<b>Coffee Break</b>
	<b>Introductions</b> Nick Dyson, PhD, Scientific Director, Mass General Cancer Center	3:05 pm	<b>Speaker Introductions</b>
11:10 am	<b>"Advances in nonenzymatic RNA replication"</b> Jack W. Szostak, PhD	3:10 pm	<b>"Sensing and suppressing RNA-associated genomic instability"</b> Lee Zou, PhD
11:35 am	<b>"Quantitative dissection of the RNA life cycle in immune cell responses"</b> Aviv Regev, PhD	3:35 pm	<b>"Non-canonical RNA folding in vitro and in cells"</b> David P. Bartel, PhD
12:00 pm	<b>Lunch</b>	4:00 pm	<b>Keynote Speaker Introduction &amp; Prize Presentation</b> Daniel A. Haber, MD, PhD
1:30 pm	<b>Speaker introductions</b>	4:10 pm	<b>Keynote Address: "Noncoding RNAs of viral and cellular origin: more surprises"</b> Joan Steitz, PhD, Yale School of Medicine
1:35 pm	<b>"Synthesis and roles of long non-coding RNAs"</b> Phillip A. Sharp, PhD	5:10 pm	<b>General Reception at Starr Center</b>
2:00 pm	<b>"The tiny RNA pathways of <i>C. elegans</i>"</b> Gary B. Ruvkun, PhD		