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

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, 2nd Floor
185 Cambridge Street, Boston, MA 02114

Questions? Contact: Sophia Sid | ssid@partners.org | 617.726.5611
Visit www.massgeneral.org/kraftsymposium to view agenda and register.
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*

## Schedule

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