

RNA Symposium

Friday, April 14, 2017 • Calit2 Auditorium, UCI
Featured Keynote Speaker: Dr. Anna Pyle, Yale

8:30 AM CONTINENTAL BREAKFAST

9:00 AM Rob Spitale, UCI
Welcome

9:15 AM **Keynote Speaker: Dr. Anna Pyle, Yale**
Defining the role of macromolecular architecture in the function of lncRNAs

10:15 AM **Gene Yeo, UCSD**
From large-scale protein-RNA interactions to manipulating RNA with CRISPR

11:00 AM **Long Cai, CalTech**
Spatial Genomics: in situ single cell expression and lineage analysis

11:30AM **Yi Xing, UCLA**
Alternative splicing in cancer transcriptomes

12:00 PM LUNCH

1:00 PM **Andrej Luptak, UCI**
Discovery of human aptamers using genomic SELEX

1:30 PM **Jamie Williamson, Scripps**
Block assembly of the large ribosomal subunit

2:00 PM **Celia Goulding, UCI**
The many faces of RNA-degrading contact-dependent growth inhibition toxins

2:30 PM **Sika Zheng, UCR**
Genetic control of neuronal differentiation by alternative pre-mRNA splicing

3:15 PM **Xiang-Dong Fu, UCSD**
New mechanisms for microRNA biogenesis and function in mammalian cells

3:45 PM **Yongsheng Shi, UCI**
Emerging roles of mRNA processing in stem cell biology

4:15 PM **Shu-ou Shan, CalTech**
GTPase movement on an RNA scaffold drives co-translational protein targeting

4:45 PM **Rob Spitale, UCI**
Closing

5:00 PM RECEPTION