



Yale Center for RNA Science and Medicine

5th Annual Retreat, September 18, 2015

Conference Center, Yale West Campus

8:30 AM Morning coffee/ mixer

Session I Shervin Takyar, Chair

8:55 AM Sandra Wolin -Welcome

9:00 AM Mark Gerstein - "Transcriptome analysis"

9:25 AM Nadya Dimitrova - "Functional characterization of tumor suppressor lncRNAs"

9:50 AM Valerie Reinke - "Transcriptional regulatory mechanisms of *C. elegans* piRNA biogenesis"

10:15 AM Coffee break

Session II Stefania Nicoli, Chair

10:45 AM Sandra Wolin - "A new noncoding RNA surveillance pathway"

11:10 AM Karla Neugebauer - "Co-transcriptional pre-mRNA splicing: full speed ahead!"

11:35 AM Koji Sakamoto (Kaminski lab) - "Human lung lncRNA transcriptome identified an important player in regulating fibroblasts phenotype in pulmonary fibrosis"

11:50 AM Ariel Bazzini (Giraldez lab) - "The hidden code behind the genetic code: codon choice affects mRNA translation and stability"

12:05 PM lunch

1:00 PM Poster Session

Session III Ron Breaker, Chair

2:15 PM Jun Lu - "New insights into sequence and structural determinants for efficient miRNA processing"

2:40 PM Stephanie Halene - "Spliceosome mutations in hematopoietic stem cell disorders"

3:05 PM Kimberly Harris (Breaker lab) - "Discovery and biochemical analysis of natural ribozyme classes"

3:20 PM Mingyi Xie (J. Steitz lab) - "The host Integrator complex acts in transcription-independent maturation of herpesvirus microRNA 3' ends"

3:35 PM Coffee break

4:00 PM Thomas Steitz-"How protein factors facilitate protein synthesis by the ribosome: RNA and proteins work together"

5:00 PM Mixer/ Reception