



**6<sup>th</sup> Annual Retreat, September 16, 2016**  
**Conference Center, Yale West Campus**

- 8:30 AM Morning Coffee / Mixer
- Session I Carson Thoreen, Chair**
- 8:55 AM Sandra Wolin – Welcome
- 9:00 AM Farren Isaacs - “Recoding Genomes to Expand Life’s Functional Repertoire”
- 9:25 AM Stefania Nicoli - “microRNAs Establish and Maintain Uniform Cellular Phenotypes During the Architecture of Complex Tissues”
- 9:50 AM Christian Tschudi - “An RNA-binding Protein Triggers a Developmental Program Leading to Infectivity in African Trypanosomes”
- 10:15 AM Coffee Break
- Session II Nadya Dmitrova, Chair**
- 10:45 AM Susan Baserga - “Cryo-EM Reveals that Box C/D Stem Ends Act as Stabilizing Anchors for Box C/D di-sRNPs”
- 11:10 AM Manoj Pillai - “Defining the Functional Targets of Musashi 2 in Myeloid Leukemia”
- 11:35 AM Jean-Denis Beaudoin (Giraldez lab) - “Ribosomes Sculpt mRNA Structure During Embryogenesis”
- 11:50 AM Madeline Sherlock (Breaker lab) – “Widespread Riboswitch Classes Reveal the Importance of Free Guanidine in Bacterial Metabolism”
- 12:05 PM Scott Strobel and Caroline Reiss- “Riboswitch Structure and Function”
- 12:30 PM Lunch
- 1:15 PM Poster Session
- Session III Matthew Simon, Chair**
- 2:15 PM Josien von Wolfswinkel - “Non-coding RNA in the Regulation of Planarian Stem Cells”
- 2:40 PM Brent Graveley - “Comprehensive Characterization of the Functional RNA Elements Encoded in the Human Genome”
- 3:05 PM Stephen Liang (Halene lab)- “Genome-Wide Analysis of Aberrant RNA Binding and Splicing in SRSF2 Mutant Myelodysplasia”
- 3:20 PM Meng Zhang (Lin lab) – “Post -Transcriptional Regulation of Mouse Neurogenesis by Pumilio Proteins”
- 3:35 PM Coffee Break
- 4:00 PM Dieter Soll: “The Genetic Code in the Age of Synthetic Biology”
- 5:00 PM Mixer/ Reception