

# The 8th Annual Retreat of Yale Center for RNA Science and Medicine

October 18, 2018

Yale Science Building (260 Whitney Avenue)

O.C. Marsh Auditorium

8:00 am – 9:00 am	<b>Breakfast</b>
9:00 am – 9:15 am	<b>Opening announcement</b> <b>Session chair: Wendy Gilbert (MB&amp;B)</b>
9:15 am – 9:40 am	<b>Pallavi Gopal (Pathology)</b> Spatiotemporal dynamics of neuronal TDP-43 RNP granules and pathological transitions in disease
9:40 am – 10:05 am	<b>Gordon Carmichael (Genetics &amp; Genome Sciences, UConn Health)</b> Role of long and short noncoding RNAs in Prader-Willi Syndrome
10:05 am – 10:30 am	<b>Joel Rozowsky (MB&amp;B)</b> A comprehensive analytic platform for extracellular RNA profiling
10:30 am – 11:10 am	<b>Poster session I / coffee</b> <b>Session chair: Stephanie Halene (Hematology, YCC)</b>
11:10 am – 11:35 am	<b>Nathan Grubaugh (Epidemiology of Microbial Diseases)</b> What can we learn by sequencing RNA viruses during outbreaks?
11:35 am – 12:00 pm	<b>Ronald Breaker (MCDB, MB&amp;B)</b> Noncoding RNA 'hard targets' from bacteria
12:00 pm – 12:50 pm	<b>Lunch discussion</b>
12:50 pm – 1:30 pm	<b>Poster session II / coffee</b> <b>Session chair: Manoj Pillai (Hematology)</b>
1:30 pm – 1:55 pm	<b>Ya-Chi Ho (Microbial Pathogenesis)</b> HIV-1-driven aberrant host gene transcription and intron retention
1:55 pm – 2:20 pm	<b>David van Dijk (Medicine, Computer Science)</b> Mapping transcriptional and immunologic state spaces across tissues in health and in disease
2:20 pm – 2:45 pm	<b>Nadya Dimitrova (MCDB)</b> Long noncoding RNAs in cancer: where, what and how
2:45 pm – 3:25 pm	<b>Poster session III / coffee</b> <b>Session chair: Matthew Simon (MB&amp;B)</b>
3:25 pm – 3:50 pm	<b>Stefania Nicoli (Cardiology, Genetics)</b> RNA-based mechanisms of mechanotransduction
3:50 pm – 4:15 pm	<b>Siyuan Wang (Genetics)</b> Imaging genomic architectures and RNA profiles in single cells in mammalian tissue
4:15 pm – 4:40 pm	<b>Karla Neugebauer (MB&amp;B, Cell Biology)</b> Eukaryotic RNA synthesis and processing in the nuclear landscape
4:40 pm – 5:15 pm	<b>Breakout session</b>
5:15 pm – 6:00 pm	<b>Reception</b>