**Center for Cancer Research**

 RNA Biology **symposium**

Thursday April 3, 2025

9:30 am **Welcome Remarks**

Sandra Wolin, M.D., Ph.D. CCR, NCI

## Session 1: Chair: Ashish Lal, Ph.D., NCI, CCR

9:45 am U2AF regulates the translation and localization of nuclear-encoded mitochondrial mRNA

Daniel Larson, Ph.D., CCR, NCI

10:15 am Real-time assembly of nascent RNA-protein complexes
 Margaret Rodgers, Ph.D., NIDDK, NIH

10:45 am Systematic decoding of the functional and regulatory complexity of alternative splicing in health and disease
Thomas Gonatopoulos-Pournatzis, Ph.D., CCR, NCI

11:15 am **BREAK**

## Session 2: Chair: Markus Hafner, Ph.D., NIAMS, NIH

 11:30 am Timing is everything: Kinetic studies of RNA decay
 Robert Hogg, Ph.D., NHLBI, NIH

 12:00 pm Intracellular pathogen effector reprograms host gene expression by inhibiting mRNA decay
Eugene Valkov, D.Phil., CCR, NCI

 12:30 pm Regulation of HIV-1 unspliced RNA functions: It’s G-rated
 Wei-Shau Hu, Ph.D., CCR, NCI

1:00 pm **LUNCH BREAK**

## Session 3: Chair: Shalini Oberdoerffer, Ph.D., CCR, NCI

2:30 pm Long-read sequencing to uncover RNA regulation in cellular stress and aging
 Emmanouil Maragkakis, Ph.D. NIA, NIH

3:00 pm Quality control of the ribosome
 Colin Wu, Ph.D., CCR, NCI

3:30 pm BREAK

3:45 pm A lncRNA drives developmentally timed decay of an essential microRNA family
 Katherine McJunkin, Ph.D., NIDDK, NIH

4:15 pm **RNA-Guided Genome Protection** Astrid Haase, M.D., Ph.D., NIDDK, NIH

4:45 pm **Adjourn**