

# RNA Innovation Seminars

**M** | RNA BIOMEDICINE

**Monday, February 15, 2021 4:00 PM EST**

**[Zoom Registration](#)**

***“Dynamics of co-transcriptional  
pre-mRNA processing  
and assembly of  
related biomolecular condensates”***



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My lab is interested in the coordination between transcription, RNA processing and nuclear organization that governs gene expression. We have established experimental systems in budding yeast, zebrafish embryos, and mammalian tissue culture cells to explore transcription and splicing regulation in a variety of biological contexts and with a diversity of tools, from imaging to genome-wide approaches. Our observations have provided novel insights into transcription and splicing mechanisms as well as principles of cellular organization that facilitate efficient gene expression. In this talk, I will be discussing rapid co-transcriptional splicing during erythropoiesis and how Cajal bodies assemble to ensure a steady supply of spliceosomal components.