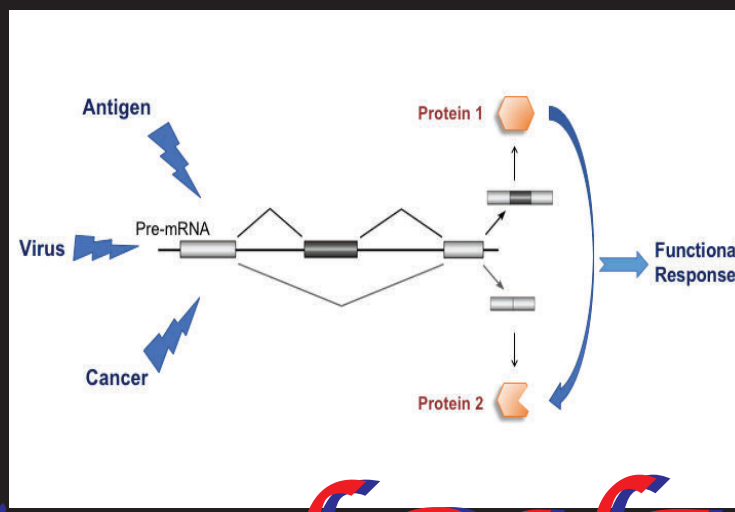


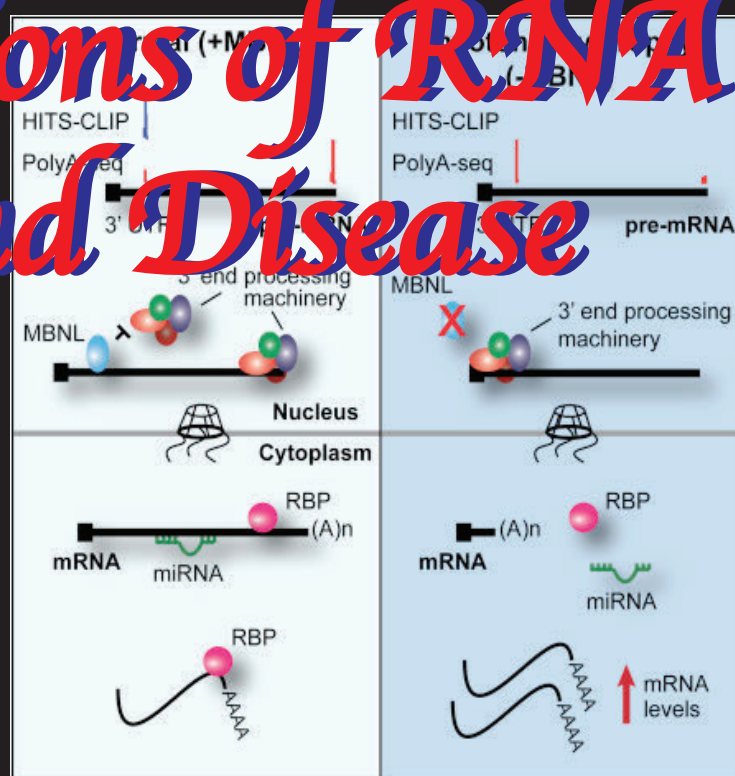
The Department of Biochemistry, Molecular Biology and Biophysics  
University of Minnesota Twin Cities  
Presents

# 19<sup>th</sup> Annual Bollum Symposium

Wednesday, May 3, 2017 1:00 PM-5:00 PM  
Mayo Auditorium, East Bank Campus



## Versatile Functions of RNA in Biology and Disease



**Dr. Hashim Al Hashimi, Duke University**  
Dynamic RNA Structures in Translational Fidelity  
and Drug Discovery

**Dr. Lynne Maquat, University of Rochester**  
Nonsense-mediated mRNA Decay and Human Disease:  
Genome Guardian and Executor

**Dr. Kristen Lynch, University of Pennsylvania**  
Getting Sick of Splicing:  
Alternative Splicing and the Human Immune System

**Dr. Maurice Swanson, University of Florida**  
RNA-mediated Mechanisms in Development and Disease