Dr. Thomas Tuschl RNA-Centric Views of Gene Regulation

Howard Hughes Medical Institute Lecture For Undergraduates Thursday, March 17th 4–5 pm, WI-110 Whitehead Auditorium

Molecular biologists develop

experimental approaches to precisely define the RNA recognition elements bound by RNAbinding proteins (RBPs) and ribonucleoprotein complexes and examine their regulatory function at a transcriptome level. Current studies focus on characterizing RBPs that control mRNA stability or where mutations cause genetic diseases. The identification of posttranscriptional regulatory networks will increase our understanding of the molecular causes of disease and lead to the design of new therapeutic agents.



Dr. Thomas Tuschl is head of the Laboratory

Reception to Follow Open to undergraduates; others welcome.

Event sponsored by the Howard Hughes Medical Institute of RNA Molecular Biology at Rockefeller University. His lab studies how RNA-binding proteins and small-RNA-containing ribonucleoprotein complexes regulate messenger RNAs in human cells.

Dr. Tuschl is a professor at The Rockefeller University and a Howard Hughes Medical Institute investigator. He is also a member of the German National Academy of Sciences Leopoldina, and has received multiple awards recognizing his contributions to discovery and characterization of small regulatory RNAs including the Ernst Jung Prize for Medicine, the Max Delbrück Medal, and the Karl Heinz Beckurtz Award.