

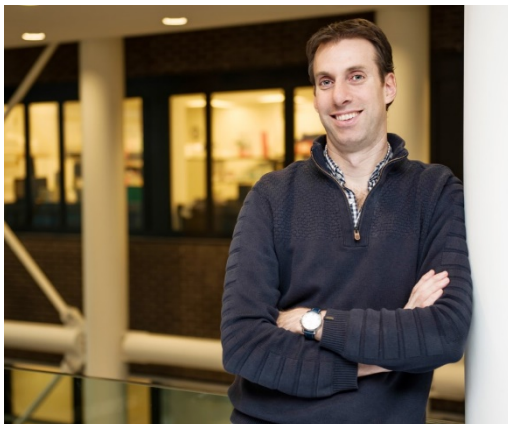


Yale SCHOOL OF MEDICINE

GENETICS DEPARTMENT SEMINAR SERIES

mRNA structural dynamics shape Argonaute-target interactions

Using live-cell single-molecule microscopy the kinetics of mRNA cleavage by AGO2/siRNA complexes are determined. This work reveals that mRNA structure is an important regulator of AGO2/siRNA-target interactions, and that translating ribosomes unfold mRNA structure to stimulate AGO2-target interactions.



Dr. Marvin Tanenbaum, PhD

Senior Group Leader
Hubrecht Institute

Host: Damir Musaev

Graduate Student
YSM Department of Genetics

Tuesday, November 17, 2020

11:30pm - 12:30pm

[Zoom Link](#)

pw: 7852649

The Genetics Calendar of Events can be viewed on-line at
<https://medicine.yale.edu/genetics/events/seminars.aspx>