

## RTI Messenger, Issue 13

Welcome to the 13th issue of the RTI Messenger, keeping you in the loop from the RNA Therapeutics Institute at UMass Medical School. As always, if you have any resources, community-related news, or relevant seminars to share, please email: [RNATherapeutics@UMassMed.edu](mailto:RNATherapeutics@UMassMed.edu).

## Stay in the loop

### All Things RNA: Virtual Seminars and Meetings



#### Bioinformatics and Integrative Biology Seminar Series

July 30, 1pm EST Anshul Kundaje, *Learning novel sequence motif representations, cooperative motif syntax and functional genetic variation encoded in regulatory DNA*, Stanford University  
UMMS Faculty Host: Athma Pai [Zoom](#)

August 26 - 27, 2021 IS3NA Virtual Symposium Phosphates Run the World: Chemical Biology & Applications of Nucleosides, Nucleotides & Nucleic Acids [Attend](#)



#### RNA Collaborative Seminar Series

TODAY! July 14, 2021, 9:00am EST  
Stefano Gustincich, *IRNA @ Istituto Italiano di Tecnologia (IIT)*  
[Register](#)

The RNA Collaborative has a platform on [Discord](#) to allow networking across groups. [Join](#)

Missed a previous seminar? [Watch on-demand](#)



#### 2021 RNA Therapeutics: From Concept to Clinic

Thank you to all of you that joined us for this year's symposium first: an entirely virtual RNA Therapeutics Symposium. We had over 800 RNA enthusiasts from all over the world!

The program was truly phenomenal; there were too many highlights to list here, but you can still [log on until JULY 30](#) to watch the talks, visit our sponsors and check out the job board (so many positions!). [See the visuals from the graphically recorded talks!](#)



#### Hot off the Press

Grunwald Lab: [REMBI: Recommended Metadata for Biological Images-enabling reuse of microscopy data in biology](#) *Nat Methods*

Khvorova Lab: *Kinetics of HTT lowering in brain of YAC 128 mice following single and repetitive intranasal dosing of siRNA packaged in chitosan-based nanoparticle* *J Drug Deliv Sci Technol*

Mello Lab: *HDAC1 SUMOylation promotes Argonaute-directed transcriptional silencing in C. elegans.* *eLife*



#### Congratulations and Welcome...

##### Congrats to:

Former RTI trainees, Zhao Zhang (Zamore lab), now at Duke University, and Colin Conine (Mello lab), now at Children's Hospital of Pennsylvania for receiving the [Pew Biomedical Scholars Award!](#)

##### Welcome to the RTI:

Emily Michaeles & Ashley Street, both joining the Li lab!  
Payam Khoshkenar & Qian Pan, both joining the Fang lab!  
Dahiana Angel joining the Watts lab!



#### In the News

The RTI's Craig Mello sits down with the BBC in a short feature film, [The Journey of a Discovery](#).



#### ScienceLIVE Outreach Program for Trainees

*Call for volunteers for the Fall semester!* We are looking for diverse volunteers from UMMS to facilitate exciting, interactive activities for Worcester Public Middle School students, all virtually!

ScienceLIVE's mission is to excite, educate, and inspire under-represented, educationally and economically disadvantaged students in STEM fields. [Read the MassLIVE article.](#)

[Sign up](#)



**2021 VIRTUAL SYMPOSIUM**  
AUGUST 26-27

**Phosphates Run the World: Chemical Biology & Applications of Nucleosides, Nucleotides & Nucleic Acids**

August 26 - 27, 2021

#### Career Opportunities

*RTI Postdoctoral Positions*  
[Wenwen Fang's Lab \(multiple roles\)](#)  
[Anastasia Khvorova's Lab](#)  
[Athma Pai's Lab](#)  
[Jon Watt's Lab](#)  
[Wen Xue's Lab](#)  
[Phil Zamore's Lab \(multiple roles\)](#)

*RTI Administrative Positions*  
[Financial Assistant](#)  
[Admin Coordinator II](#)

#### NEB

[Postdoctoral fellow](#)  
[Development Scientist I/II](#)

