

## The Brain Conferences

### RNA Mechanisms and Brain Disease

20 – 23 October 2021

[Rungstedgaard](#), Denmark

#### PRELIMINARY PROGRAMME

Wednesday, 20 October 2021	
From 14:15	Arrival and registration
16:00 -16:10	Welcome address from the Conference Chairs
<b>Translation Control</b>	
<i>Session Moderator:</i> Eric Klann	
16:10-16:50	<b>Giovanna Mallucci</b> , University of Cambridge, UK Translating translation in neurodegeneration
16:50-17:30	<b>Kobi Rosenblum</b> , University of Haifa, Israel Regulation at the Initiation or Elongation Phases of mRNA Translation in Specific Brain Cells Differentially Affect Memory Formation and Neuronal Function.
17:30-18:00	Afternoon snack
18:00-18:20	<i>Short talk (to be selected from submitted abstracts)</i>
18:20-19:00	<b>Steven Goldman</b> , University of Rochester Medical Center, USA; University of Copenhagen, DK Dysregulated transcriptional repression in glial disease and aging
19:00-21:30	Welcome Drink & Dinner

## Thursday, 21 October 2021

### Structure and Splicing

*Session Moderator:* Antonella Riccio

09:00-09:40	<b>Peter Scheiffele</b> , University of Basel, Switzerland Alternative splice codes for synapse specification and plasticity
09:40-10:20	<b>Jernej Ule</b> , Francis Crick Institute, United Kingdom Condensation-driven RNP assembly and function
10:20-10:50	Group Picture and Coffee Break
10:50-11:30	<i>Short talk (to be selected from submitted abstracts)</i>
11:30-12:10	<b>Roland Beckman</b> , Gene Center Munich, Germany Meta levels of translation: how mRNAs manipulate ribosomes and how ribosomes strike back
12:10-12:50	<b>Maria Barna</b> , Stanford University, USA Ribosomes in Gene Regulation: Controlling the diversity of proteins made in specific cells, tissues and organisms
12:50-14:00	Lunch

### Regulation in Neurons

*Session Moderator:* Peter Scheiffele

14:00-14:40	<b>Erin Schuman</b> , MPI Brain Research, Germany Neuronal Protein Synthesis Mechanisms
14:40-15:20	<b>Antonella Riccio</b> , University College London, United Kingdom RNA metabolism in developing neurons
15:20-15:35	<b>Poster Spotlights I * (9 presentations, 90 seconds each)</b>
15:35-17:35	<b>Poster Session I with Afternoon Snack</b>
17:35-18:15	<i>Short talk (to be selected from submitted abstracts)</i>
18:15-18:45	End of the day: Group discussion
19:00-21:30	Dinner

**Friday, 22 October 2021**

**RNA in Disease**

*Morning Session Moderator: Antonella Riccio*

09:00-09:40

**Kent Duncan**, ZMNH, Hamburg University, present address: Evotec, SE, Hamburg, Germany  
RNA-binding proteins in brain development and neurodegenerative disease

09:40-10:20

**Erik Storkebaum**, Donders Institute for Brain, Cognition and Behaviour, Netherlands  
tRNA sequestration as a pathogenic mechanism underlying peripheral neuropathy

10:20-10:40

*Short talk (to be selected from submitted abstracts)*

10:40-11:15

*Coffee Break*

11:15-15:15

Box Lunch, outing to [Frederiksborg](#)

15:30-16:10

**Marc-David Ruepp**, King's College London, United Kingdom  
Direct FUS – snRNA interactions provide a molecular link between ALS and SMA

16:10-16:25

**Poster Spotlights II \*\* (9 presentations, 90 seconds each)**

16:25-18:25

**Poster Session II with Afternoon Snack**

*Afternoon Session Moderator: Giovanna Mallucci*

18:25-19:05

End of the day: Group discussion

19:05-21:30

Dinner

## Saturday, 23 October 2021

*Morning Session Moderator: tba*

09:00-09:40	<b>Eric Klann</b> , New York University, USA Cell type-specific translation in memory and brain disorders
-------------	--

09:40-10:20	<i>Short talk (to be selected from submitted abstracts)</i>
-------------	---

10:20-10:50	Coffee Break
-------------	--------------

10:50-11:30	<b>Claudia Bagni</b> , University of Lausanne, Switzerland RNA metabolism and social competence
-------------	--

11:30-12:10	<i>Short talks (to be selected from submitted abstracts)</i>
-------------	--

12:30-14:00	Lunch
-------------	-------

*Afternoon Session Moderator: tba*

14:00-14:40	<i>Short talk (to be selected from submitted abstracts)</i>
-------------	---

14:40-15:20	<i>Short talks (to be selected from submitted abstracts)</i>
-------------	--

15:20-16:00	<b>Danny Nedialkova</b> , Max Planck Institute of Biochemistry, Germany Dynamics of human tRNA repertoires as a function of cell identity
-------------	--

16:00-16:30	Coffee Break
-------------	--------------

16:30-17:10	<i>Short talk (to be selected from submitted abstracts)</i>
-------------	---

17:10-17:40	Tying it all together: Group Discussion & Closing Remarks <b>Co-chairs</b>
-------------	---

19:00-22:00	Gala Dinner & Poster Awards
-------------	-----------------------------

## Sunday, 24 October 2021: Breakfast, departure