

## The Brain Conferences

### RNA Mechanisms and Brain Disease

21 – 24 June 2020

[Rungstedgaard](#), Denmark

#### PRELIMINARY PROGRAMME

Sunday, 21 June 2020	
From 14:15	Arrival and registration
14:50-15:00	Welcome address from the Conference Chairs
<b>Translation Control</b>	
<i>Session Moderator:</i> Erin Schuman	
15:00-15:40	<b>Giovanna Mallucci</b> , University of Cambridge, UK Translating translation in neurodegeneration
15:40-16:20	<b>Kobi Rosenblum</b> , University of Haifa, Israel eEF2 pathway in the DG of the hippocampus determines cognitive function
16:20-16:50	Afternoon snack
16:50-17:30	<b>Nahum Sonenberg</b> , McGill University, Canada Translational control of synaptic plasticity and learning & memory via excitatory and inhibitory neurons
17:30-17:50	<i>Short talk (to be selected from submitted abstracts)</i>
17:50-18:30	Speaker tba
18:30-18:50	<i>Short talk (to be selected from submitted abstracts)</i>
19:00-21:30	Welcome Drink & Dinner

## Monday, 22 June 2020

### Structure and Splicing

*Session Moderator:* Nahum Sonenberg

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 Long-range RNA structures in 3'UTRs coordinate the assembly and function of localised mRNPs in neurons
10:20-10:50	Group Picture and Coffee Break
10:50-11:30	<b>Elena Conti</b> , Max Planck Institute of Biochemistry, Germany Molecular mechanisms of RNA degradation
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 Ribosome heterogeneity in translating the genetic code: from genes to organisms
12:50-14:00	Lunch

### Regulation in Neurons

*Session Moderator:* Joel Richter

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 <i>Title tba</i>
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>
17:35-18:05	<b>Robert Singer</b> , Albert Einstein College of Medicine, USA Mechanism of mRNA Regulation in Live Brain Tissue
18:05-18:35	End of the day: Group discussion
19:00-21:30	Dinner

## Tuesday, 23 June 2020

### RNA in Disease

*Morning Session Moderator: Antonella Riccio*

09:00-09:40	<b>Kent Duncan</b> , ZMNH, Hamburg University, Germany RNA-binding proteins in brain development and disease
09:40-10:20	<b>Erik Storkebaum</b> , Donders Institute for Brain, Cognition and Behaviour, the Netherlands tRNA overexpression: a novel therapeutic approach for peripheral neuropathy?
10:20-10:40	<i>Short talk (to be selected from submitted abstracts)</i>
10:20-10:40	<i>Coffee Break</i>
11:15-15:15	Box Lunch, outing to <a href="#">Louisiana Museum</a>
15:30-16:10	<b>Marie-Christine Chartier-Harlin</b> , INSERM, France Perturbations of transcription and translation in Parkinson's disease
16:10-16:25	<b>Poster Spotlights II ** (9 presentations, 90 seconds each)</b>
16:25-18:25	<b>Poster Session II with Afternoon Snack</b>
<i>Afternoon Session Moderator: Giovanna Mallucci</i>	
18:25-19:05	<b>Nancy Bonini</b> , University of Pennsylvania, USA Insight from Drosophila into the biology of RNA pathways with neurodegeneration
19:05-19:30	End of the day: Group discussion
19:30-21:30	Dinner

## Wednesday, 24 June 2020

*Morning Session Moderator: tba*

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

09:40-10:20 **Joel Richter**, University of Massachusetts Medical School, USA  
Translational Dissonance in Neurologic Disease

10:20-10:50 Coffee Break

10:50-11:30 **Emily Osterweil**, The Edinburgh University, United Kingdom  
Linking dysregulated translation to synaptic disruption in Fragile X Syndrome and autism

11:30-12:10 *Short talks (to be selected from submitted abstracts)*

12:30-14:00 Lunch

*Afternoon Session Moderator: tba*

14:00-14:40 **Gary Bassell**, Emory University, USA  
RNA Dysregulation and Brain Disease in Myotonic Dystrophy

14:40-15:20 *Short talks (to be selected from submitted abstracts)*

15:20-16:00 **Claudia Bagni**, University of Lausanne, Switzerland  
RNA metabolism and social competence

16:00-16:30 Coffee Break

16:30-17:10 **Susan Ackerman**, University of California San Diego, USA  
Ribosome Stalling and Neuronal Function

17:10-17:40 Tying it all together: Group Discussion & Closing Remarks  
**Co-chairs**

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

**Thursday, 25 June 2020: Breakfast, departure**