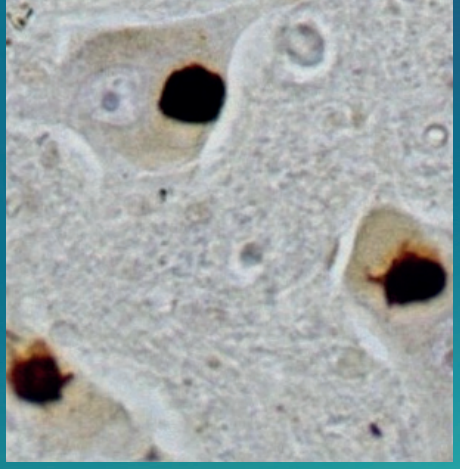
6th RNA Metabolism in Neurological Disease CONFERENCE



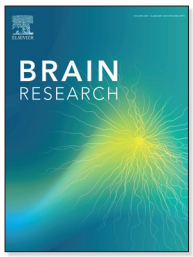
March 29–31, 2026 • San Diego, USA

Poster abstracts considered until **March 16, 2026**

REGISTER NOW

This two-day conference will bring together basic, clinical and industry scientists around the world to discuss the roles of perturbed RNA metabolism in neurological diseases, including Alzheimer's disease (AD), amyotrophic lateral sclerosis (ALS), fragile X syndrome (FXS), frontotemporal dementia (FTD), Huntington's disease (HD), spinal muscular atrophy (SMA), and several other repeat expansion disorders.

SUPPORTING PUBLICATIONS



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CONFERENCE CHAIRS

Dorothee Dormann, Johannes Gutenberg University, Mainz, Germany
Fen-Biao Gao, University of Massachusetts Chan Medical School, USA
Aaron Gitler, Stanford University, USA

KEYNOTE SPEAKER

Victor Ambros, University of Massachusetts Chan Medical School, USA

INVITED SPEAKERS

Session 1: Dysregulated RNA metabolism in neurological diseases

Discussion leader: **Benjamin Wolozin**, Boston University, USA
- **Pietro Fratta**, University College London, UK
- **Leslie Thompson**, University of California, Irvine, USA

Session 2: Physiological functions of disease-linked RNA-binding proteins

***Discussion leader*: Albert La Spada**, University of California Irvine, USA
- **Gene Yeo**, University of California, San Diego, USA
- **Joel Richter**, University of Massachusetts Chan Medical School, USA

Session 3: Biomolecular condensates and their role in normal RNA processing and in disease

***Discussion leader*: Yi Lin**, Tsinghua University, Beijing, China
- **Simon Alberti**, Dresden University of Technology, Germany
- **Roy Parker**, University of Colorado, Boulder, USA

Session 4: Human genetics and genomics insights into neurological diseases

***Discussion leader*: Nancy Bonini**, University of Pennsylvania, USA
- **Rosa Rademakers**, VIB Center for Molecular Neurology, Antwerp, Belgium
- **Don Cleveland**, University of California, San Diego, USA

Session 5: Structural insights into pathological RNA-binding proteins

***Discussion leader*: Lin Guo**, Thomas Jefferson University, USA
- **Ben Ryskeldi-Falcon**, MRC Cambridge, UK
- **Magdalini Polymenidou**, University of Zürich, Switzerland

Session 6: Toxicity of repeat RNAs and RAN repeat proteins

***Discussion leader*: Jeffrey Rothstein**, Johns Hopkins University, USA
- **Laura Ranum**, University of Florida, Gainesville, USA
- **Dieter Edbauer**, German Center for Neurodegenerative Diseases, Munich, Germany

Session 7: Novel biomarkers due to dysregulated RNA metabolism

***Discussion leader*: Leonard Petrucelli**, Mayo Clinic, USA
- **Philip Wong**, Johns Hopkins University, USA
- **Michael Ward**, National Institutes of Health, USA

Session 8: RNA-based therapeutics

Discussion leader: **Dorothee Dormann**, Johannes Gutenberg University, Mainz, Germany
- **Anastasia Khvorova**, University of Massachusetts Chan Medical School, USA
- **Matthew Simon**, Denali Therapeutics, USA

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