



Cover legend: This image shows projections from the locus coeruleus, a noradrenergic brainstem nucleus, forming an extensive network throughout the brain. Assignment of projection axons by target region reveals an architecture of distinct fibre trajectories consistent with a potential modular organization that can provide semi-global or even highly targeted neuromodulation, in addition to controlling global noradrenaline. For more information, see the Symposium review article by Chandler et al. (pages 8239 – 8249).

Symposium and Mini-Symposium

- 8193 Mechanisms of Neuronal Alternative Splicing and Strategies for Therapeutic Interventions**
Eduardo Javier Lopez Soto, Michael J. Gandal, Thomas Gonatopoulos-Pournatzis, Elizabeth A. Heller, Diou Luo, and Sika Zheng
- 8200 Pleiotropic Mitochondria: The Influence of Mitochondria on Neuronal Development and Disease**
Vidhya Rangaraju, Tommy L. Lewis Jr, Yusuke Hirabayashi, Matteo Bergami, Elisa Motori, Romain Cartoni, Seok-Kyu Kwon, and Julien Courchet
- 8209 The Synaptic Vesicle Cycle Revisited: New Insights into the Modes and Mechanisms**
Natali L. Chanaday, Michael A. Cousin, Ira Milosevic, Shigeki Watanabe, and Jennifer R. Morgan
- 8217 Phenotypic Suppression of ALS/FTD-Associated Neurodegeneration Highlights Mechanisms of Dysfunction**
Mathieu Bartoletti, Daryl A. Bosco, Sandrine Da Cruz, Clotilde Lagier-Tourenne, Nicole Liachko, Sebastian Markmiller, Kristin M. Webster, and Kristi A. Wharton
- 8225 Parabrachial Complex: A Hub for Pain and Aversion**
Michael C. Chiang, Anna Bowen, Lindsey A. Schier, Domenico Tupone, Olivia Uddin, and Mary M. Heinricher
- 8231 Beta Oscillations in Working Memory, Executive Control of Movement and Thought, and Sensorimotor Function**
Robert Schmidt, Maria Herrojo Ruiz, Bjørg E. Kilavik, Mikael Lundqvist, Philip A Starr, and Adam R. Aron
- 8239 Redefining Noradrenergic Neuromodulation of Behavior: Impacts of a Modular Locus Coeruleus Architecture**
Dan J. Chandler, Patricia Jensen, Jordan G. McCall, Anthony E. Pickering, Lindsay A. Schwarz, and Nelson K. Totah
- 8250 Cannabis and the Developing Brain: Insights into Its Long-Lasting Effects**
Yasmin L. Hurd, Olivier J. Manzoni, Mikhail V. Pletnikov, Francis S. Lee, Sagnik Bhattacharyya, and Miriam Melis
- 8259 Brain Mechanisms of Concept Learning**
Dagmar Zeithamova, Michael L. Mack, Kurt Braunlich, Tyler Davis, Carol A. Seger, Marlieke T.R. van Kesteren, and Andreas Wutz
- 8267 Advanced Circuit and Cellular Imaging Methods in Nonhuman Primates**
Stephen L. Macknik, Robert G. Alexander, Olivya Caballero, Jordi Chanovas, Kristina J. Nielsen, Nozomi Nishimura, Chris B. Schaffer, Hamutal Slovin, Amit Babayoff, Ravid Barak, Shiming Tang, Niansheng Ju, Azadeh Yazdan-Shahmorad, Jose-Manuel Alonso, Eugene Malinskiy, and Susana Martinez-Conde

- 8275 **BRAIN Initiative: Cutting-Edge Tools and Resources for the Community**
Elizabeth Litvina, Amy Adams, Alison Barth, Marcel Bruchez, James Carson,
Jason E. Chung, Kristin B. Dupre, Loren M. Frank, Kathleen M. Gates,
Kristen M. Harris, Hannah Joo, Jeff William Lichtman, Khara M. Ramos,
Terrence Sejnowski, James S. Trimmer, Samantha White, and Walter Koroshetz
- 8285 **The Storytelling Brain: How Neuroscience Stories Help Bridge the Gap between Research and Society**
Susana Martinez-Conde, Robert G. Alexander, Deborah Blum, Noah Britton,
Barbara K. Lipska, Gregory J. Quirk, Jamy Ian Swiss, Roel M. Willems,
and Stephen L. Macknik

Research Articles

CELLULAR/MOLECULAR

- 8291 **RGS4 Maintains Chronic Pain Symptoms in Rodent Models**
Kleopatra Avrampou, Kerri D. Pryce, Aarthi Ramakrishnan, Farhana Sakloth,
Sevasti Gaspari, Randal A. Serafini, Vasiliki Mitsi, Claire Polizu,
Cole Swartz, Barbara Ligas, Abigail Richards, Li Shen, Fiona B. Carr,
and Venetia Zachariou
- 8305 **Epigenetic Regulation of Hippocampal *Fosb* Expression Controls Behavioral Responses to Cocaine**
Paula A. Gajewski, Andrew L. Eagle, Elizabeth S. Williams, Claire E. Manning,
Haley Lynch, Colin McCornack, Ian Maze, Elizabeth A. Heller, and A.J. Robison
- 8315 ***Drosophila* Tau Negatively Regulates Translation and Olfactory Long-Term Memory, But Facilitates Footshock Habituation and Cytoskeletal Homeostasis**
Katerina Papanikolopoulou, Ilianna G. Roussou, Jean Y. Gouzi, Martina Samiotaki,
George Panayotou, Luca Turin, and Efthimios M.C. Skoulakis

DEVELOPMENT/PLASTICITY/REPAIR

- 8330 **Epac2 Elevation Reverses Inhibition by Chondroitin Sulfate Proteoglycans *In Vitro* and Transforms Postlesion Inhibitory Environment to Promote Axonal Outgrowth in an *Ex Vivo* Model of Spinal Cord Injury**
Alba Guijarro-Belmar, Mindaugas Viskontas, Yuting Wei, Xuenong Bo,
Derryck Shewan, and Wenlong Huang
- 8347 **Preserving Inhibition during Developmental Hearing Loss Rescues Auditory Learning and Perception**
Todd M. Mowery, Melissa L. Caras, Syeda I. Hassan, Derek J. Wang,
Jordane Dimidschstein, Gord Fishell, and Dan H. Sanes
- 8362 **Maturation of Brain Microstructure and Metabolism Associates with Increased Capacity for Self-Regulation during the Transition from Childhood to Adolescence**
Mary Baron Nelson, Sharon H. O'Neil, Jessica L. Wisnowski, Danielle Hart,
Siddhant Sawardekar, Virginia Rauh, Frederica Perera, Howard F. Andrews,
Lori A. Hoepner, Wanda Garcia, Molly Algermissen, Ravi Bansal,
and Bradley S. Peterson

SYSTEMS/CIRCUITS

- 8376 **Tonic Suppression of the Mesolimbic Dopaminergic System by Enhanced Corticotropin-Releasing Factor Signaling Within the Bed Nucleus of the Stria Terminalis in Chronic Pain Model Rats**
Daiki Takahashi, Yuta Asaoka, Keisuke Kimura, Ryuto Hara, Saya Arakaki,
Keisuke Sakasai, Hiroe Suzuki, Naoki Yamauchi, Hiroshi Nomura, Taiju Amano,
and Masabumi Minami

BEHAVIORAL/COGNITIVE

- 8386 **Representational Organization of Novel Task Sets during Proactive Encoding**
Ana F. Palenciano, Carlos González-García, Juan E. Arco, Luiz Pessoa,
and María Ruz
- 8398 **GABAergic Inhibition Gates Perceptual Awareness During Binocular Rivalry**
Jeff Mentch, Alina Spiegel, Catherine Ricciardi, and Caroline E. Robertson

NEUROBIOLOGY OF DISEASE

- 8408 **Microglia Mediate HIV-1 gp120-Induced Synaptic Degeneration in Spinal Pain Neural Circuits**
Wenjuan Ru, Xin Liu, Chilman Bae, Yuqiang Shi, Randall Walikonis,
Jin Mo Chung, and Shao-Jun Tang

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