This differential-interference-contrast image overlain with fluorescence images shows sensory (green) and motor (red) neuron innervation in newborn mouse cochlea. By the day of birth, sensory projections from spiral ganglion neurons and motor neurons have extended from the brain to the organ of Corti through "fanned" radial bundles. While motor neuron axons terminate below inner hair cells at this stage, sensory neurons contact inner and outer hair cells. For more information, see the article by Druckenbrod and Goodrich (pages 16221–16235).
16199 Emergence of Spatial Stream Segregation in the Ascending Auditory Pathway
Justin D. Yao, Peter Bremen, and John C. Middlebrooks

16236 A Unified Dynamic Model for Learning, Replay, and Sharp-Wave/Ripples
Sven Jahnke, Marc Timme, and Raoul-Martin Memmesheimer

16259 Functional Connectome Analysis of Dopamine Neuron Glutamatergic Connections in Forebrain Regions
Susana Mingote, Nao Chuhma, Sheila V. Kusnoor, Bianca Field, Ariel Y. Deutch, and Stephen Rayport

BEHAVIORAL/COGNITIVE

16034 MEG Multivariate Analysis Reveals Early Abstract Action Representations in the Lateral Occipitotemporal Cortex
Raffaele Tucciarelli, Luca Turella, Nikolaas N. Oosterhof, Nathan Weisz, and Angelika Lingnau

16046 Inattentional Deafness: Visual Load Leads to Time-Specific Suppression of Auditory Evoked Responses
Katharine Molloy, Timothy D. Griffiths, Maria Chait, and Nilli Lavie

16055 Steering Transforms the Cortical Representation of Self-Movement from Direction to Destination
Michael S. Jacob and Charles J. Duffy

16077 Re-Opening the Critical Window for Estrogen Therapy
Linda A. Bean, Ashok Kumar, Asha Rani, Mike Guidi, Awilda M. Rosario, Pedro E. Cruz, Todd E. Golde, and Thomas C. Foster

16094 Selective Attention to Auditory Memory Neurally Enhances Perceptual Precision
Sung-Joo Lim, Malte Woestmann, and Jonas Obleser

16116 Virtual Environmental Enrichment through Video Games Improves Hippocampal-Associated Memory
Gregory D. Clemenson and Craig E.L. Stark

NEUROBIOLOGY OF DISEASE

16018 The APP Intracellular Domain Is Required for Normal Synaptic Morphology, Synaptic Plasticity, and Hippocampus-Dependent Behavior
Maja Klevanski, Ulrike Herrmann, Sascha W. Weyer, Romain Fol, Nathalie Cartier, David P. Wolfer, John H. Caldwell, Martin Korte, and Ulrike C. Muller

16213 Mitochondrial Superoxide Contributes to Hippocampal Synaptic Dysfunction and Memory Deficits in Angelman Syndrome Model Mice
Emanuela Santini, Kathryn L. Turner, Akila B. Ramaraj, Michael P. Murphy, Eric Klann, and Hanoch Kaphzan

16272 GRPR/PI3K γ: Partners in Central Transmission of Itch

16282 Mouse Model of Chromosome 15q13.3 Microdeletion Syndrome Demonstrates Features Related to Autism Spectrum Disorder

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