

# The Journal of Neuroscience

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**Cover legend:** Longitudinal sections of sciatic nerves from neuropathic PMP22-null mice were double-labeled with the lipid raft marker cholera toxin subunit  $\beta$  (in red) and phalloidin (in green) to illustrate the severe disruption of lipid raft and actin network in myelinating Schwann cells lacking PMP22. Nuclei are shown in blue. For more details, see the article by Lee et al. (pages 16140–16152).

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### Journal Club

- 15833 **Do Visual Circuits Mature Without Visual Stimuli?**  
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### Brief Communications

- 15957 **Immune-Induced Fever Is Mediated by IL-6 Receptors on Brain Endothelial Cells Coupled to STAT3-Dependent Induction of Brain Endothelial Prostaglandin Synthesis**  
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- 16086 **Temporal Integration of Cholinergic and GABAergic Inputs in Isolated Insect Mushroom Body Neurons Exposes Pairing-Specific Signal Processing**  
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- 15888 **Dopamine D1 and D5 Receptors Modulate Spike Timing-Dependent Plasticity at Medial Perforant Path to Dentate Granule Cell Synapses**  
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- 15898 **GABA-A Receptor Inhibition of Local Calcium Signaling in Spines and Dendrites**  
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- 16031 **Role of ERK1/2 MAPK Signaling in the Maintenance of Myelin and Axonal Integrity in the Adult CNS**  
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- 16093 **Regulation of Hippocampal Synaptic Strength by Glial xCT**  
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- 16126 **Fast-Onset Long-Term Open-State Block of Sodium Channels by A-type FHF $\beta$ s Mediates Classical Spike Accommodation in Hippocampal Pyramidal Neurons**  
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#### DEVELOPMENT/PLASTICITY/REPAIR

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- 16153 **A Competitive Advantage by Neonatally Engrafted Human Glial Progenitors Yields Mice Whose Brains Are Chimeric for Human Glia**  
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- 16046 **Dynamic Divisive Normalization Predicts Time-Varying Value Coding in Decision-Related Circuits**  
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- 16140 **PMP22 Is Critical for Actin-Mediated Cellular Functions and for Establishing Lipid Rafts**  
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