

# The Journal of Neuroscience

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**Cover legend:** Depletion of ATP causes oxidative stress, resulting in the formation of actin-containing inclusions called rods in axons and dendrites. Here, rods in Purkinje cell dendrites were visualized by expressing mCherry-conjugated cofilin (an actin-binding protein; magenta). Cells were then stained with antibodies against calbindin (green), and actin was labeled with phalloidin (blue). For more information, see the article by Fukumitsu et al. (pages 5707–5723).

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### Brief Communications

- 5435 **Optogenetic Evidence for Inhibitory Signaling from Orexin to MCH Neurons via Local Microcircuits**  
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- 5606 **Neuromodulatory Effect of  $G\alpha_s$ - or  $G\alpha_q$ -Coupled G-Protein-Coupled Receptor on NMDA Receptor Selectively Activates the NMDA Receptor/ $Ca^{2+}$ /Calcineurin/cAMP Response Element-Binding Protein-Regulated Transcriptional Coactivator 1 Pathway to Effectively Induce Brain-Derived Neurotrophic Factor Expression in Neurons**  
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- 5707 **Synergistic Action of Dendritic Mitochondria and Creatine Kinase Maintains ATP Homeostasis and Actin Dynamics in Growing Neuronal Dendrites**  
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- 5754 **Miro's N-Terminal GTPase Domain Is Required for Transport of Mitochondria into Axons and Dendrites**  
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- 5823 **Tonic Firing Rate Controls Dendritic Ca<sup>2+</sup> Signaling and Synaptic Gain in Substantia Nigra Dopamine Neurons**  
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