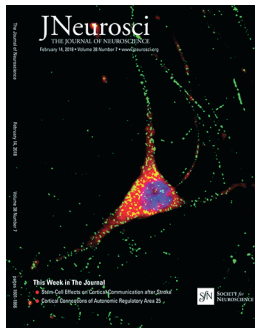


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Cover legend: This image shows a dopaminergic neuron immunostained for cytosolic tyrosine hydroxylase (red), plasma-membrane-bound dopamine transporter (green), and nuclear DAPI staining (blue). The neuron was generated from BMP5/7-treated human induced pluripotent stem cells. The BMP/SMAD pathway has a critical role in the formation of dopaminergic neurons *in vivo* and from human stem cells. For more information see the article by Jovanovic and Salti et al. (pages 1662–1676).

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- 1601 A Shared Vision for Machine Learning in Neuroscience**
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- 1788 Nonlinear Relationship Between Spike-Dependent Calcium Influx and TRPC Channel Activation Enables Robust Persistent Spiking in Neurons of the Anterior Cingulate Cortex**
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- 1662 BMP/SMAD Pathway Promotes Neurogenesis of Midbrain Dopaminergic Neurons *In Vivo* and in Human Induced Pluripotent and Neural Stem Cells**
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- 1725 Muscle Nicotinic Acetylcholine Receptors May Mediate Trans-Synaptic Signaling at the Mouse Neuromuscular Junction**
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- 1699 **Loss of Balance between Striatal Feedforward Inhibition and Corticostriatal Excitation Leads to Tremor**
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