



Cover legend: Unit activities in response to amplitude-modulated stimuli in a model optimized for everyday sound recognition. Unit activities in lower/higher layers are placed at the bottom/top, and those of low/high AM rates are placed at the front/back. For better visibility, not all layers or units are shown. For more information, see the article by Koumura et al. (pages 3876–3894).
Cover image: Takuya Koumura.

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- 3787 **Toward an Interpersonal Neuroscience in Technologically Assisted (Virtual) Interactions**
Kelong Lu and Yafeng Pan

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- 3807 **The SphK1/S1P Axis Regulates Synaptic Vesicle Endocytosis via TRPC5 Channels**
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- 3849 **Neither Enhanced Nor Lost: The Unique Role of Attention in Children's Neural Representations**
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- 3860 **Perceptual History Biases Are Predicted by Early Visual-Evoked Activity**
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- 3876 **Human-Like Modulation Sensitivity Emerging through Optimization to Natural Sound Recognition**
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- 3895 **From Prediction to Action: Dissociable Roles of Ventral Tegmental Area and Substantia Nigra Dopamine Neurons in Instrumental Reinforcement**
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- 3909 Phase Alignment of Low-Frequency Neural Activity to the Amplitude Envelope of Speech Reflects Evoked Responses to Acoustic Edges, Not Oscillatory Entrainment**
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- 3922 Anticipation of Appetitive Operant Action Induces Sustained Dopamine Release in the Nucleus Accumbens**
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- 3949 CSMD3 Deficiency Leads to Motor Impairments and Autism-Like Behaviors via Dysfunction of Cerebellar Purkinje Cells in Mice**
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- 3970 Diminished Neuronal ESCRT-0 Function Exacerbates AMPA Receptor Derangement and Accelerates Prion-Induced Neurodegeneration**
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