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- 4563 **Feature Article: A Look into the Cockpit of the Fly: Visual Orientation, Algorithms, and Identified Neurons**
M. Egelhaaf and A. Borst
- 4575 **Basic FGF Regulates the Expression of a Functional 71 kDa NMDA Receptor Protein That Mediates Calcium Influx and Neurotoxicity in Hippocampal Neurons**
M.P. Mattson, K.N. Kumar, H. Wang, B. Cheng, and E.K. Michaelis
- 4589 **Experience-dependent Plasticity in the Inferior Colliculus: A Site for Visual Calibration of the Neural Representation of Auditory Space in the Barn Owl**
M.S. Brainard and E.I. Knudsen
- 4609 **Stepwise Repolarization from Ca²⁺ Plateaus in Neocortical Pyramidal Cells: Evidence for Nonhomogeneous Distribution of HVA Ca²⁺ Channels in Dendrites**
I. Reuveni, A. Friedman, Y. Amitai, and M.J. Gutnick
- 4622 **Developmental Analysis of Hippocampal Mossy Fiber Outgrowth in a Mutant Mouse with Inherited Spike-Wave Seizures**
X. Qiao and J.L. Noebels
- 4636 **Three-Dimensional Visualization of the Smooth Endoplasmic Reticulum in Purkinje Cell Dendrites**
M.E. Martone, Y. Zhang, V.M. Simpliciano, B.O. Carragher, and M.H. Ellisman
- 4647 **Optokinetically Evoked Expression of Corticotropin-releasing Factor in Inferior Olivary Neurons of Rabbits**
N.H. Barmack and P. Errico
- 4660 **Postsynaptic Potentials Mediated by GABA and Dopamine Evoked in Stellate Glial Cells of the Pituitary Pars Intermedia**
L.A. Mudrick-Donnon, P.J. Williams, Q.J. Pittman, and B.A. MacVicar
- 4669 **Modulation of Different K⁺ Currents in *Drosophila*: A Hypothetical Role for the Eag Subunit in Multimeric K⁺ Channels**
Y. Zhong and C.-F. Wu
- 4680 **Localized Excitatory Synaptic Interactions Mediate the Sustained Depolarization of Electrographic Seizures in Developing Hippocampus**
J.W. Swann, K.L. Smith, and R.J. Brady
- 4690 **Changes in Intracellular pH Associated with Glutamate Excitotoxicity**
Z. Hartley and J.M. Dubinsky
- 4700 **A Neurobiological Model of Visual Attention and Invariant Pattern Recognition Based on Dynamic Routing of Information**
B.A. Olshausen, C.H. Anderson, and D.C. Van Essen

- 4720 Ciliary Neurotrophic Factor Maintains Motoneurons and Their Target Muscles in Developing Rats
N.G. Forger, S.L. Roberts, V. Wong, and S.M. Breedlove
- 4727 ω -Conotoxin Prevents Myelin-evoked Growth Cone Collapse in Neonatal Rat Locus Coeruleus Neurons *in vitro*
S.J. Moorman and R.I. Hume
- 4737 Development of Neural Selectivity for Birdsong during Vocal Learning
S.F. Volman
- 4748 Quantitative Ultrastructure of Ia Boutons in the Ventral Horn: Scaling and Positional Relationships
J.P. Pierce and L.M. Mendell
- 4764 Several Extracellular Domains of the Neural Cell Adhesion Molecule L1 Are Involved in Neurite Outgrowth and Cell Body Adhesion
F. Appel, J. Holm, J.-F. Conscience, and M. Schachner
- 4776 Thresholds for Synaptic Activation of Transcription Factors in Hippocampus: Correlation with Long-term Enhancement
P.F. Worley, R.V. Bhat, J.M. Baraban, C.A. Erickson, B.L. McNaughton, and C.A. Barnes
- 4787 The Functional Anatomy of Limbic Status Epilepticus in the Rat. I. Patterns of ^{14}C -2-Deoxyglucose Uptake and Fos Immunocytochemistry
L.E. White and J.L. Price
- 4810 The Functional Anatomy of Limbic Status Epilepticus in the Rat. II. The Effects of Focal Deactivation
L.E. White and J.L. Price
- 4831 Two Structural Adaptations for Regulating Transmitter Release at Lobster Neuromuscular Synapses
J.P. Walrond, C.K. Govind, and S.E. Huestis
- 4846 Selection of Alternative G_i -mediated Signaling Pathways at the Dopamine D_2 Receptor by Protein Kinase C
V. Di Marzo, D. Vial, P. Sokoloff, J.-C. Schwartz, and D. Piomelli
- 4854 Reversible Heat Stress-related Loss of Phosphorylated Alzheimer-type Epitopes in Tau Proteins of Human Neuroblastoma Cells
M.F. Chiang, W.-K. Liu, and S.-H. Yen
- 4861 Intracellular Calcium Levels and Calcium Fluxes in the CA1 Region of the Rat Hippocampal Slice during *in vitro* Ischemia: Relationship to Electrophysiological Cell Damage
D. Lobner and P. Lipton
- 4872 Enhancement of γ -Aminobutyric Acid-activated Chloride Channel Currents by Lanthanides in Rat Dorsal Root Ganglion Neurons
J.Y. Ma and T. Narahashi
- 4880 Expression of $\beta 1$ Integrins in Sensory Neurons of the Dorsal Root Ganglion and Their Functions in Neurite Outgrowth on Two Laminin Isoforms
K.J. Tomaselli, P. Doherty, C.J. Emmett, C.H. Damsky, F.S. Walsh, and L.F. Reichardt
- 4889 Differential Modulation of TTX-sensitive and TTX-resistant Na^+ Channels in Spinal Cord Astrocytes following Activation of Protein Kinase C
C.L. Thio and H. Sontheimer

- 4898 Preganglionic Autonomic Motor Neurons Display Normal Translocation Patterns in Slice Cultures of Embryonic Rat Spinal Cord
R.P. Barber, P.E. Phelps, and J.E. Vaughn
- 4908 Physiological, Morphological, and Histochemical Characterization of Three Classes of Interneurons in Rat Neostriatum
Y. Kawaguchi
- 4924 Identification and Characterization of *Drosophila* Genes for Synaptic Vesicle Proteins
A. DiAntonio, R.W. Burgess, A.C. Chin, D.L. Deitcher, R.H. Scheller, and T.L. Schwarz
- 4936 Low-Threshold Ca²⁺ Current and Its Role in Spontaneous Elevations of Intracellular Ca²⁺ in Developing *Xenopus* Neurons
X. Gu and N.C. Spitzer
- 4949 Fine-Structural Alterations and Clustering of Developing Synapses after Chronic Treatments with Low Levels of NMDA
L.-H. Yen, J.T. Sibley, and M. Constantine-Paton
- 4961 Neurotrophin-4/5 Is a Mammalian-specific Survival Factor for Distinct Populations of Sensory Neurons
A.M. Davies, A. Horton, L.E. Burton, C. Schmelzer, R. Vandlen, and A. Rosenthal
- 4968 Protein Tyrosine Phosphatases Expressed in the Developing Rat Brain
M. Sahin and S. Hockfield
- 4979 Serotonin Activation of a Cyclic AMP-Dependent Sodium Current in an Identified Neuron from *Helisoma trivolvis*
C.J. Price and J.I. Goldberg
- 4988 Primary Sensory Neurons Express a *Shaker*-like Potassium Channel Gene
A.B. Ribera and D.-A. Nguyen
- 4997 Relative Properties and Localizations of Synaptic Vesicle Protein Isoforms: The Case of the Synaptophysins
E.M. Fykse, K. Takei, C. Walch-Solimena, M. Geppert, R. Jahn, P. De Camilli, and T.C. Südhof

Cover picture: Reconstruction of the smooth endoplasmic reticulum (light green) in a spiny portion of a Purkinje cell dendrite from the chick cerebellum. Also pictured are the plasma membrane (gray), the mitochondria (light blue), synaptic inputs onto spines (dark blue) and their presynaptic boutons (pink), and an afferent fiber (dark green) synapsing on the dendritic trunk (not visible). See Martone et al., pp. 4636–4646.

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