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- 3959 Nemeth, P.M., B.J. Norris, O.H. Lowry, D.A. Gordon, R.M. Enoka, and D.G. Stuart: Activation of Muscle Fibers in Individual Motor Units Revealed by 2-Deoxyglucose-6-Phosphate
- 3967 Altstein, M., and H. Gainer: Differential Biosynthesis and Posttranslational Processing of Vasopressin and Oxytocin in Rat Brain During Embryonic and Postnatal Development
- 3978 Davis, R.E., and A.E. Stuart: A Persistent, TTX-Sensitive Sodium Current in an Invertebrate Neuron with Neurosecretory Ultrastructure
- 3992 LeVine, S.M., and J.E. Goldman: Embryonic Divergence of Oligodendrocyte and Astrocyte Lineages in Developing Rat Cerebrum
- 4007 Buzsáki, G., R.G. Bickford, G. Ponomareff, L.J. Thal, R. Mandel, and F.H. Gage: Nucleus Basalis and Thalamic Control of Neocortical Activity in the Freely Moving Rat
- 4027 Turski, L., E.A. Cavalheiro, Z.A. Bortolotto, C. Ikonomidou-Turski, Z. Kleinrok, and W.A. Turski: Dopamine-Sensitive Anticonvulsant Site in the Rat Striatum
- 4038 Leonard, R.J., S. Nakajima, Y. Nakajima, and C.G. Carlson: Early Development of Two Types of Nicotinic Acetylcholine Receptors
- 4049 Selemon, L.D., and P.S. Goldman-Rakic: Common Cortical and Subcortical Targets of the Dorsolateral Prefrontal and Posterior Parietal Cortices in the Rhesus Monkey: Evidence for a Distributed Neural Network Subserving Spatially Guided Behavior
- 4069 Doerner, D., T.A. Pitler, and B.E. Alger: Protein Kinase C Activators Block Specific Calcium and Potassium Current Components in Isolated Hippocampal Neurons
- 4079 Diamond, D.M., T.V. Dunwiddie, and G.M. Rose: Characteristics of Hippocampal Primed Burst Potentiation *in vitro* and in the Awake Rat
- 4089 Thayer, S.A., T.M. Perney, and R.J. Miller: Regulation of Calcium Homeostasis in Sensory Neurons by Bradykinin
- 4098 Kleinfeld, D., K.H. Kahler, and P.E. Hockberger: Controlled Outgrowth of Dissociated Neurons on Patterned Substrates

**Cover picture:** Photograph, reproduced from a color lantern slide, of a cat beta-type retinal ganglion cell at postnatal day 31 that has been injected intracellularly in a living retinal whole-mount preparation maintained *in vitro* and filled with the dye Lucifer yellow to reveal its dendritic and axonal morphology. The same cell is also retrogradely labeled with rhodamine microspheres (obscured by the Lucifer yellow dye), as are many neighboring ganglion cells. Illustration provided by the authors, A. S. Ramoa, G. Campbell, and C. J. Shatz, from their paper (pp. 4239–4261, this issue).

- 4121 Cha, C.I., and S.L. Foote: Corticotropin-Releasing Factor in Olivocerebellar Climbing-Fiber System of Monkey (*Saimiri sciureus* and *Macaca fascicularis*): Parasagittal and Regional Organization Visualized by Immunohistochemistry
- 4138 Nisenbaum, E.S., W.B. Orr, and T.W. Berger: Evidence for Two Functionally Distinct Subpopulations of Neurons Within the Rat Striatum
- 4151 Insel, T.R., G. Battaglia, D.W. Fairbanks, and E.B. De Souza: The Ontogeny of Brain Receptors for Corticotropin-Releasing Factor and the Development of Their Functional Association with Adenylate Cyclase
- 4159 Parkinson, J.K., E.A. Murray, and M. Mishkin: A Selective Mnemonic Role for the Hippocampus in Monkeys: Memory for the Location of Objects
- 4168 Matsumoto, A., P.E Micevych, and A.P. Arnold: Androgen Regulates Synaptic Input to Motoneurons of the Adult Rat Spinal Cord
- 4177 Matsumoto, A., A.P. Arnold, G.A. Zampighi, and P.E Micevych: Androgenic Regulation of Gap Junctions Between Motoneurons in the Rat Spinal Cord
- 4184 Vreugdenhil, E., J.F. Jackson, T. Bouwmeester, A.B. Smit, J. Van Minnen, H. Van Heerikhuizen, J. Klootwijk, and J. Joosse: Isolation, Characterization, and Evolutionary Aspects of a cDNA Clone Encoding Multiple Neuropeptides Involved in the Stereotyped Egg-Laying Behavior of the Freshwater Snail *Lymnaea stagnalis*
- 4192 Fetcho, J.R., and D.S. Faber: Identification of Motoneurons and Interneurons in the Spinal Network for Escapes Initiated by the Mauthner Cell in Goldfish
- 4214 Dutar, P., and R.A. Nicoll: Classification of Muscarinic Responses in Hippocampus in Terms of Receptor Subtypes and Second-Messenger Systems: Electrophysiological Studies *in vitro*
- 4225 James, W.M., and W.L. Klein: Localization of Acetylcholine Receptors on Isolated CNS Neurons: Cellular and Subcellular Differentiation
- 4239 Ramoa, A.S., G. Campbell, and C.J. Shatz: Dendritic Growth and Remodeling of Cat Retinal Ganglion Cells During Fetal and Postnatal Development
- 4262 Kose, A., N. Saito, H. Ito, U. Kikkawa, Y. Nishizuka, and C. Tanaka: Electron Microscopic Localization of Type I Protein Kinase C in Rat Purkinje Cells
- 4269 Rivkees, S.A., C.A. Fox, C.D. Jacobson, and S.M. Reppert: Anatomic and Functional Development of the Suprachiasmatic Nuclei in the Gray Short-Tailed Opossum
- 4277 Zorumski, C.F., and J. Yang: AMPA, Kainate, and Quisqualate Activate a Common Receptor-Channel Complex on Embryonic Chick Motoneurons
- 4287 Arnsten, A.F.T., J.X. Cai, and P.S. Goldman-Rakic: The Alpha-2 Adrenergic Agonist Guanfacine Improves Memory in Aged Monkeys Without Sedative or Hypotensive Side Effects: Evidence for Alpha-2 Receptor Subtypes
- 4299 Williams, J.T., R.A. North, and T. Tokimasa: Inward Rectification of Resting and Opiate-Activated Potassium Currents in Rat Locus Coeruleus Neurons
- 4307 Dyer, C.A., and J.A. Benjamins: Antibody to Galactocerebroside Alters Organization of Oligodendroglial Membrane Sheets in Culture
- 4319 Seitanidou, T., A. Triller, and H. Korn: Distribution of Glycine Receptors on the Membrane of a Central Neuron: An Immunoelectron Microscopy Study

- 4334 Livingstone, M.S., and D.H. Hubel: Do the Relative Mapping Densities of the Magno- and Parvocellular Systems Vary with Eccentricity?
- 4340 Hu, X.-T., and R.Y. Wang: Comparison of Effects of D-1 and D-2 Dopamine Receptor Agonists on Neurons in the Rat Caudate Putamen: An Electrophysiological Study
- 4349 Laurent, G., and R. Hustert: Motor Neuronal Receptive Fields Delimit Patterns of Motor Activity During Locomotion of the Locust
- 4367 Feldman, D.H.: Synaptic Specificity in Frog Sympathetic Ganglia During Reinnervation, Sprouting, and Embryonic Development
- 4379 Byerly, L., and H.-T. Leung: Ionic Currents of *Drosophila* Neurons in Embryonic Cultures
- 4394 Tublitz, N.J.: Insect Cardioactive Neuropeptides: Peptidergic Modulation of the Intrinsic Rhythm of an Insect Heart Is Mediated by Inositol 1,4,5-Trisphosphate
- 4400 Shimamura, A.P., T.L. Jernigan, and L.R. Squire: Korsakoff's Syndrome: Radiological (CT) Findings and Neuropsychological Correlates
- 4411 Instructions to Authors

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