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Articles are grouped according to the section to which they were submitted and are presented in the following sequence: Cellular/Molecular, Developmental, Systems, and Behavioral Neuroscience.

- 3123 Naturally Occurring Truncated trkB Receptors Have Dominant Inhibitory Effects on Brain-Derived Neurotrophic Factor Signaling
Fernette F. Eide, Ella R. Vining, Brock L. Eide, Keling Zang, Xiao-Yun Wang, and Louis F. Reichardt
- 3130 cGMP-Dependent Protein Kinase in Dorsal Root Ganglion: Relationship with Nitric Oxide Synthase and Nociceptive Neurons
Yifang Qian, Daniel S. Chao, Daniel R. Santillano, Trudy L. Cornwell, Angus C. Nairn, Paul Greengard, Thomas M. Lincoln, and David S. Bredt
- 3139 Study of Receptor-Mediated Neurotoxins Released by HIV-1-Infected Mononuclear Phagocytes Found in Human Brain
Dana Giulian, Jiahua Yu, Xia Li, Donald Tom, Jun Li, Elaine Wendt, Shen-Nan Lin, Robert Schwarcz, and Christine Noonan
- 3154 Invertebrate Synapsins: A Single Gene Codes for Several Isoforms in *Drosophila*
Bert R. E. Klagges, Gertrud Heimbeck, Tanja A. Godenschwege, Alois Hofbauer, Gert O. Pflugfelder, Rita Reifegerste, Dietmar Reisch, Michael Schaupp, Sigrid Buchner, and Erich Buchner
- 3166 Clustering of Gephyrin at GABAergic but Not Glutamatergic Synapses in Cultured Rat Hippocampal Neurons
Ann Marie Craig, Gary Banker, Weiru Chang, Maureen E. McGrath, and Anna S. Serpinskaya
- 3178 Selective, Activity-Dependent Uptake of Histamine into an Arthropod Photoreceptor
Ann E. Stuart, Jennifer R. Morgan, Harold E. Mekeel, Elizabeth Kempter, and Joseph C. Callaway
- 3189 A Macromolecular Synthesis-Dependent Late Phase of Long-Term Potentiation Requiring cAMP in the Medial Perforant Pathway of Rat Hippocampal Slices
Peter V. Nguyen and Eric R. Kandel
- 3199 Restoration of Normal Conduction Properties in Demyelinated Spinal Cord Axons in the Adult Rat by Transplantation of Exogenous Schwann Cells
Osamu Honmou, Paul A. Felts, Stephen G. Waxman, and Jeffery D. Kocsis
- 3209 Frequency and Dendritic Distribution of Autapses Established by Layer 5 Pyramidal Neurons in the Developing Rat Neocortex: Comparison with Synaptic Innervation of Adjacent Neurons of the Same Class
Joachim Lübke, Henry Markram, Michael Frotscher, and Bert Sakmann

- 3219 The Ganglionic Eminence May Be an Intermediate Target for Corticofugal and Thalamocortical Axons
Christine Métin and Pierre Godement
- 3236 Microtubule Stability Decreases Axon Elongation but Not Axoplasm Production
M. William Rochlin, Karen M. Wickline, and Paul C. Bridgman
- 3247 Influences of the Thalamus on the Survival of Subplate and Cortical Plate Cells in Cultured Embryonic Mouse Brain
David J. Price and R. Beau Lotto
- 3256 Synaptic Modulation by Neurotrophic Factors: Differential and Synergistic Effects of Brain-Derived Neurotrophic Factor and Ciliary Neurotrophic Factor
Ron Stoop and Mu-ming Poo
- 3265 Transgenic Expression of Embryonic MAP2 in Adult Mouse Brain: Implications for Neuronal Polarization
Kathryn M. Marsden, Thierry Doll, Jacqueline Ferralli, Florence Botteri, and Andrew Matus
- 3274 Experience-Dependent Plasticity of Binocular Responses in the Primary Visual Cortex of the Mouse
Joshua A. Gordon and Michael P. Stryker
- 3287 Temporal Regulation of *Shaker*- and *Shab*-Like Potassium Channel Gene Expression in Single Embryonic Spinal Neurons during K⁺ Current Development
Devorah Gurantz, Angeles B. Ribera, and Nicholas C. Spitzer
- 3296 BEN As a Presumptive Target Recognition Molecule during the Development of the Olivocerebellar System
Alain Chédotal, Olivier Pourquié, Frédéric Ezan, Hélène San Clemente, and Constantino Sotelo
- 3311 Contingent Vulnerability of Entorhinal Parvalbumin-Containing Neurons in Alzheimer's Disease
Ana Solodkin, Stacy D. Veldhuizen, and Gary W. Van Hoesen
- 3322 A Novel Entorhinal Projection to the Rat Dentate Gyrus: Direct Innervation of Proximal Dendrites and Cell Bodies of Granule Cells and GABAergic Neurons
Thomas Deller, Albert Martinez, Robert Nitsch, and Michael Frotscher
- 3334 Projection Cells and Interneurons of the Lateral and Basolateral Amygdala: Distinct Firing Patterns and Differential Relation to Theta and Delta Rhythms in Conscious Cats
Denis Paré and Hélène Gaudreau
- 3351 Efficient Coding of Natural Scenes in the Lateral Geniculate Nucleus: Experimental Test of a Computational Theory
Yang Dan, Joseph J. Atick, and R. Clay Reid
- 3363 AMPA Receptor Subunits Underlying Terminals of Fine-Caliber Primary Afferent Fibers
A. Popratiloff, R. J. Weinberg, and A. Rustioni
- 3373 Low-Frequency Stimulation Cancels the High-Frequency-Induced Long-Lasting Effects in the Rat Medial Vestibular Nuclei
S. Grassi, V. E. Pettorossi, and M. Zampolini

- 3381 Blue-Cone Horizontal Cells in the Retinae of Horses and Other *Equidae*
Daniele Sandmann, Brian B. Boycott, and Leo Peichl
- 3397 Interneurons Containing Calretinin Are Specialized to Control Other Interneurons in the Rat Hippocampus
Attila I. Gulyás, Norbert Hájos, and Tamás F. Freund
- 3412 Morphological Correlates of Bilateral Synchrony in the Rat Cerebellar Cortex
C. I. De Zeeuw, E. J. Lang, I. Sugihara, T. J. H. Ruigrok, L. M. Eisenman, E. Mugnaini, and R. Llinás
- 3427 Molecular Indices of Neuronal and Glial Plasticity in the Hippocampal Formation in a Rodent Model of Age-Induced Spatial Learning Impairment
Kiminobu Sugaya, Michael Chouinard, Rhonda Greene, Michael Robbins, David Personett, Caroline Kent, Michela Gallagher, and Michael McKinney
- 3444 Implementation of Action Sequences by a Neostriatal Site: A Lesion Mapping Study of Grooming Syntax
Howard C. Cromwell and Kent C. Berridge
- 3459 Phasic Firing of Single Neurons in the Rat Nucleus Accumbens Correlated with the Timing of Intravenous Cocaine Self-Administration
Laura L. Peoples and Mark O. West
- 3474 Ethanol Self-Administration Restores Withdrawal-Associated Deficiencies in Accumbal Dopamine and 5-Hydroxytryptamine Release in Dependent Rats
Friedbert Weiss, Loren H. Parsons, Gery Schulteis, Petri Hyttiä, Marge T. Lorang, Floyd E. Bloom, and George F. Koob
- 3486 Altered Habituation of an Identified Escape Circuit in *Drosophila* Memory Mutants
Jeff E. Engel and Chun-Fang Wu
- 3500 The Echidna *Tachyglossus aculeatus* Combines REM and Non-REM Aspects in a Single Sleep State: Implications for the Evolution of Sleep
J. M. Siegel, P. R. Manger, R. Nienhuis, II. M. Fahringer, and J. D. Pettigrew
- 3507 The Vesicular Monoamine Transporter, in Contrast to the Dopamine Transporter, Is Not Altered by Chronic Cocaine Self-Administration in the Rat
Julie M. Wilson and Stephen J. Kish
- 3511 Mesencephalic Substrate of Reward: Axonal Connections
Sandra M. Boye and Pierre-Paul Rompré
- 3521 Neuropeptide Y Depresses GABA-Mediated Calcium Transients in Developing Suprachiasmatic Nucleus Neurons: A Novel Form of Calcium Long-Term Depression
Karl Obrietan and Anthony N. van den Pol
- 3534 Chronic Psychosocial Stress Causes Apical Dendritic Atrophy of Hippocampal CA3 Pyramidal Neurons in Subordinate Tree Shrews
Ana María Magariños, Bruce S. McEwen, Gabriele Flügge, and Eberhard Fuchs

Selective Effects of Nerve Growth Factor on Spatial Recent Memory as Assessed by a Delayed Nonmatching-to-Position Task in the Water Maze

Alicja L. Markowska, Donald Price, and Vassilis E. Koliatsos

Cover picture: The distribution of tyrosinated tubulin (*green*) and acetylated tubulin (*red*) in the growth cone and distal neurite (differential interference contrast) derived from a rat superior cervical ganglion explant grown in a low concentration of nocodazole. Nocodazole alters the distribution of these two tubulin isoforms and also affects the distribution of microtubule endings in the growth cone. Microtubule staining in the growth cone was traced and is depicted to emphasize the extent of acetylated microtubule staining. The neurite staining is rendered so that the brightest staining of each chromophore is at saturation. Thus, the tyrosinated staining is at its brightest in the growth cone and decreases proximally, whereas the acetylated staining increases in intensity proximally. For details, see the article by Rochlin et al. in this issue (pp. 3236–3246).

Correction: In the article “Neuropeptide Y₁ Receptors Inhibit N-Type Calcium Currents and Reduce Transient Calcium Increases in Rat Dentate Granule Cells” (A. Rory McQuiston et al.), which appeared on pages 1422–1429 in the February 15, 1996 issue, the authors would like to correct an omission in the Materials and Methods section. In the experiments to isolate Ca²⁺ currents in the dissociated dentate granule cells, Na⁺ channel toxin, tetrodotoxin (TTX), 1 μm, was included in the bath.

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