

The Journal of Neuroscience

The Official Journal of
the Society for Neuroscience

January 15, 1996
Volume 16 Number 2

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

- 425 **Feature Article:** Presynaptic Facilitation Revisited: State and Time Dependence
John H. Byrne and Eric R. Kandel
- 436 The Dopamine Transporter Is Localized to Dendritic and Axonal Plasma Membranes of Nigrostriatal Dopaminergic Neurons
Melissa J. Nirenberg, Roxanne A. Vaughan, George R. Uhl, Michael J. Kuhar, and Virginia M. Pickel
- 448 A Novel Neuronal P_{2x} ATP Receptor Ion Channel with Widespread Distribution in the Brain
Philippe Séguéla, Ali Haghighi, Jean-Jacques Soghomonian, and Ellis Cooper
- 456 Fractional Calcium Current through Neuronal AMPA-Receptor Channels with a Low Calcium Permeability
Filippo Tempia, Masanobu Kano, Ralf Schneggenburger, Claudia Schirra, Olga Garaschuk, Timothy Plant, and Arthur Konnerth
- 467 Molecular and Developmental Characterization of Novel cDNAs of the Myelin-Associated/Oligodendrocytic Basic Protein
Andreas Holz, Nicole Schaeren-Wiemers, Christoph Schaefer, Uwe Pott, Raymond J. Colello, and Martin E. Schwab
- 478 Regulatory Differences in the Stress Response of Hippocampal Neurons and Glial Cells after Heat Shock
Charles J. Marcuccilli, Sameer K. Mathur, Richard I. Morimoto, and Richard J. Miller
- 486 Overexpression of Bcl-2 with Herpes Simplex Virus Vectors Protects CNS Neurons against Neurological Insults *In Vitro* and *In Vivo*
Matthew S. Lawrence, Dora Y. Ho, Guo Hua Sun, Gary K. Steinberg, and Robert M. Sapolsky
- 497 Increased Antioxidant Enzyme Activity in Amyloid β Protein-Resistant Cells
Yutaka Sagara, Richard Dargusch, F. George Klier, David Schubert, and Christian Behl
- 506 Developmental Expression and Functional Characterization of the Potassium-Channel Subunit Kv3.1b in Parvalbumin-Containing Interneurons of the Rat Hippocampus
Jing Du, Lei Zhang, Michael Weiser, Bernardo Rudy, and Chris J. McBain
- 519 Developmental Regulation of the Toxin Sensitivity of Ca²⁺-Permeable AMPA Receptors in Cortical Glia
Olimpia Meucci, Alessandro Fatatis, James A. Holzwarth, and Richard J. Miller

- 531 Microtubule Assembly and Turnover in Growing Axons
Yan Li and Mark M. Black
- 545 Mechanisms of Secondary Injury to Spinal Cord Axons *In Vitro*: Role of Na⁺, Na⁺-K⁺-ATPase, the Na⁺-H⁺ Exchanger, and the Na⁺-Ca²⁺ Exchanger
Sandeep K. Agrawal and Michael G. Fehlings
- 553 Kinetics of Stimulus-Coupled Secretion in Dialyzed Bovine Chromaffin Cells in Response to Trains of Depolarizing Pulses
Elizabeth P. Seward and Martha C. Nowycky
- 563 Recovery Phase of the Murine Rod Photoresponse Reconstructed from Electroretinographic Recordings
Arkady I. Lyubarsky and Edward N. Pugh, Jr.
- 572 Excitatory Actions of Norepinephrine on Multiple Classes of Hippocampal CA1 Interneurons
Dwight E. Bergles, Van A. Doze, Daniel V. Madison, and Stephen J. Smith
- 586 A Slowly Inactivating Potassium Current in CA3 Pyramidal Cells of Rat Hippocampus *In Vitro*
Anita Lüthi, Beat H. Gähwiler, and Urs Gerber
- 595 Estradiol Reduces Calcium Currents in Rat Neostriatal Neurons via a Membrane Receptor
Paul G. Mermelstein, Jill B. Becker, and D. James Surmeier
- 605 The Role of Adenosine A_{2a} Receptors in Regulating GABAergic Synaptic Transmission in Striatal Medium Spiny Neurons
Akihisa Mori, Tomomi Shindou, Michio Ichimura, Hiromi Nonaka, and Hiroshi Kase
- 612 Specificity of Sympathetic Preganglionic Projections in the Chick Is Influenced by the Somitic Mesoderm
Joseph W. Yip
- 621 Immunohistochemical Localization of Ciliary Neurotrophic Factor Receptor α Expression in the Rat Nervous System
A. John MacLennan, Emily N. Vinson, Lianne Marks, Diana L. McLaurin, Marylynn Pfeifer, and Nancy Lee
- 631 Neuronal Activity Differentially Regulates NMDA Receptor Subunit Expression in Cerebellar Granule Cells
Mary Lou Vallano, Bertrand Lambollez, Etienne Audinat, and Jean Rossier
- 640 Selective Failure of Brain-Derived Neurotrophic Factor mRNA Expression in the Cerebellum of *Stargazer*, a Mutant Mouse with Ataxia
Xiaoxi Qiao, Franz Hefti, Beat Knusel, and Jeffrey L. Noebels
- 649 Regeneration of Sensory Cells after Laser Ablation in the Lateral Line System: Hair Cell Lineage and Macrophage Behavior Revealed by Time-Lapse Video Microscopy
Jay E. Jones and Jeffrey T. Corwin
- 663 Developmental Expression and Biochemical Analysis of Conulin, a Protein Secreted from a Subset of Neuronal Growth Cones
Diego Sánchez, María D. Ganfornina, and Michael J. Bastiani

- 675 Brain-Derived Neurotrophic Factor Promotes the Differentiation of Various Hippocampal Nonpyramidal Neurons, Including Cajal–Retzius Cells, in Organotypic Slice Cultures
Serge Marty, Patrick Carroll, Alessandro Cellerino, Eero Castrén, Volker Staiger, Hans Thoenen, and Dan Lindholm
- 688 Identification and Molecular Characterization of Unc-33-Like Phosphoprotein (Ulip), a Putative Mammalian Homolog of the Axonal Guidance-Associated *unc-33* Gene Product
Tamara Byk, Tomáš Dobransky, Carmen Cifuentes-Diaz, and André Sobel
- 702 Cell-Specific Differential Expression of Na⁺-Channel β 1-Subunit mRNA in the Olfactory System during Postnatal Development and after Denervation
Shunsuke Sashihara, Charles A. Greer, Youngsuk Oh, and Stephen G. Waxman
- 714 Modulation of Dopamine Efflux in the Nucleus Accumbens after Cholinergic Stimulation of the Ventral Tegmental Area in Intact, Pedunculopontine Tegmental Nucleus-Lesioned, and Laterodorsal Tegmental Nucleus-Lesioned Rats
Charles D. Blaha, Laura F. Allen, Sheela Das, Wendy L. Inglis, Mary P. Latimer, Steven R. Vincent, and Philip Winn
- 723 Characterization of a Descending System that Enables Crossed Group II Inhibitory Reflex Pathways in the Cat Spinal Cord
N. C. Aggelopoulos, M. J. Burton, R. W. Clarke, and S. A. Edgley
- 730 Spinal Cord NMDA Receptors Modulate Peripheral Immune Responses and Spinal Cord *c-fos* Expression after Immune Challenge in Rats Subjected to Unilateral Mononeuropathy
Uri Herzberg, Michael P. Murtaugh, Dianne Carroll, and Alvin J. Beitz
- 744 Cholinergic Regulation of the Suprachiasmatic Nucleus Circadian Rhythm via a Muscarinic Mechanism at Night
Chen Liu and Martha U. Gillette
- 752 Simultaneously Recorded Single Units in the Frontal Cortex Go through Sequences of Discrete and Stable States in Monkeys Performing a Delayed Localization Task
Eyal Seidemann, Isaac Meilijson, Moshe Abeles, Hagai Bergman, and Eilon Vaadia
- 769 Functional Organization of a Neural Map in the Cricket Cercal Sensory System
Gwen A. Jacobs and Frédéric E. Theunissen
- 785 Use-Dependent Alterations of Movement Representations in Primary Motor Cortex of Adult Squirrel Monkeys
R. J. Nudo, G. W. Milliken, W. M. Jenkins, and M. M. Merzenich
- 808 A Positron Emission Tomography Study of the Short-Term Maintenance of Verbal Information
Julie A. Fiez, Elizabeth A. Raife, David A. Balota, Jacob P. Schwarz, Marcus E. Raichle, and Steven E. Petersen
- 823 Binding of Hippocampal CA1 Neural Activity to Multiple Reference Frames in a Landmark-Based Navigation Task
Katalin M. Gothard, William E. Skaggs, Kevin M. Moore, and Bruce L. McNaughton
- 836 Neonatal Deprivation of Maternal Touch May Suppress Ornithine Decarboxylase via Downregulation of the Proto-oncogenes *c-myc* and *max*
Shiying Wang, Jorge V. Bartolome, and Saul M. Schanberg

- 843 Interactions between the Neural Networks for Escape and Swimming in Goldfish
Kurt R. Svoboda and Joseph R. Fetcho
- 853 Factors Regulating the Reversibility of Long-Term Potentiation
Ursula Stäubli and Daniel Chun
- 861 Receptive-Field Plasticity in the Adult Auditory Cortex Induced by Hebbian Covariance
Scott J. Cruikshank and Norman M. Weinberger

Cover picture: Representation of distal forelimb movements evoked by intracortical microstimulation in the primary motor cortex (area 4) of an adult squirrel monkey. After training on a small-object retrieval task, which required skilled use of the digits, evoked-movement digit representations expanded (*red*), whereas evoked-movement wrist/forearm representations contracted (*green*). These changes were progressive and reversible. Also, there was an areal expansion of dual-response representations, i.e., cortical sectors over which stimulation produced movements about two or more joints (*yellow*). Movement combinations that were used more frequently after training were selectively magnified in their cortical representations. *Red*: digits; *green*: wrists/forearm; *yellow*: digits + wrist/forearm; *blue*: proximal (elbow or shoulder); *black*: no response at currents $\leq 30 \mu\text{A}$. See Nudo et al., pp. 785–807.

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