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- 363 Activity-dependent Fluorescent Staining and Destaining of Living Vertebrate Motor Nerve Terminals  
*W.J. Betz, F. Mao, and G.S. Bewick*
- 376  $\beta$ -Amyloid Peptides Destabilize Calcium Homeostasis and Render Human Cortical Neurons Vulnerable to Excitotoxicity  
*M.P. Mattson, B. Cheng, D. Davis, K. Bryant, I. Lieberburg, and R.E. Rydel*
- 390 The *dissonance* Mutation at the *no-on-transient-A* Locus of *D. melanogaster*: Genetic Control of Courtship Song and Visual Behaviors by a Protein with Putative RNA-binding Motifs  
*K.G. Rendahl, K.R. Jones, S.J. Kulkarni, S.H. Bagully, and J.C. Hall*
- 408 Color Selectivity of Neurons in the Inferior Temporal Cortex of the Awake Macaque Monkey  
*H. Komatsu, Y. Ideura, S. Kaji, and S. Yamane*
- 425 Dynorphin Increases Extracellular Levels of Excitatory Amino Acids in the Brain through a Non-opioid Mechanism  
*A.I. Faden*
- 430 Ionic Mechanisms of Anoxic Injury in Mammalian CNS White Matter: Role of  $\text{Na}^+$  Channels and  $\text{Na}^+-\text{Ca}^{2+}$  Exchanger  
*P.K. Stys, S.G. Waxman, and B.R. Ransom*
- 440 Distribution and Cellular Localization of mRNA Coding for 5-HT<sub>1A</sub> Receptor in the Rat Brain: Correlation with Receptor Binding  
*M. Pompeiano, J.M. Palacios, and G. Mengod*
- 454 Autoradiographic Localization of Voltage-dependent Sodium Channels on the Mouse Neuromuscular Junction Using <sup>125</sup>I- $\alpha$  Scorpion Toxin. II. Sodium Channel Distribution on Postsynaptic Membranes  
*J.-L. Boudier, T. Le Treut, and E. Jover*
- 467 Axonogenesis and Morphogenesis in the Embryonic Zebrafish Brain  
*L.S. Ross, T. Parrett, and S.S. Easter, Jr.*
- 483 Opioids Excite Dopamine Neurons by Hyperpolarization of Local Interneurons  
*S.W. Johnson and R.A. North*
- 489  $\text{Ca}^{2+}$  Stores in Purkinje Neurons: Endoplasmic Reticulum Subcompartments Demonstrated by the Heterogeneous Distribution of the  $\text{InsP}_3$  Receptor,  $\text{Ca}^{2+}$ -ATPase, and Calsequestrin  
*K. Takei, H. Stukenbrok, A. Metcalf, G.A. Mignery, T.C. Südhof, P. Volpe, and P. De Camilli*
- 506 Long-term Increases in Excitability in the CA1 Region of Rat Hippocampus Induced by  $\beta$ -Adrenergic Stimulation: Possible Mediation by cAMP  
*T.V. Dunwiddie, M. Taylor, L.R. Heginbotham, and W.R. Proctor*

- 518 Cooperative Regulation of Calcitonin Gene-related Peptide Levels in Rat Sensory Neurons via Their Central and Peripheral Processes  
*Y. Inaishi, Y. Kashihara, M. Sakaguchi, H. Nawa, and M. Kuno*
- 525 Modulatory Effects of FMRF-NH<sub>2</sub> on Outward Currents and Oscillatory Activity in Heart Interneurons of the Medicinal Leech  
*T.W. Simon, C.A. Opdyke, and R.L. Calabrese*
- 538 Distinct Spatial and Temporal Expression Patterns of K<sup>+</sup> Channel mRNAs from Different Subfamilies  
*J.A. Drewe, S. Verma, G. Frech, and R.H. Joho*
- 549 Changes in the Activity of Units of the Cat Motor Cortex with Rapid Conditioning and Extinction of a Compound Eye Blink Movement  
*S. Aou, C.D. Woody, and D. Birt*
- 560 Increases in Excitability of Neurons of the Motor Cortex of Cats after Rapid Acquisition of Eye Blink Conditioning  
*S. Aou, C.D. Woody, and D. Birt*
- 570 Development of Axonal Arbors of Layer 4 Spiny Neurons in Cat Striate Cortex  
*E.M. Callaway and L.C. Katz*
- 583 Transforming Growth Factor  $\alpha$ , but Not Epidermal Growth Factor, Promotes the Survival of Sensory Neurons *in vitro*  
*A. Chalazonitis, J.A. Kessler, D.R. Twardzik, and R.S. Morrison*
- 595 Activation and Desensitization of AMPA/Kainate Receptors by Novel Derivatives of Willardiine  
*D.K. Patneau, M.L. Mayer, D.E. Jane, and J.C. Watkins*
- 607 Computer Simulations of EPSP-Spike (E-S) Potentiation in Hippocampal CA1 Pyramidal Cells  
*J.C. Wathey, W.W. Lytton, J.M. Jester, and T.J. Sejnowski*
- 619 Cerebellar Target Neurons Provide a Stop Signal for Afferent Neurite Extension *in vitro*  
*D.H. Baird, M.E. Hatten, and C.A. Mason*
- 635 NMDA Channel Behavior Depends on Agonist Affinity  
*R.A.J. Lester and C.E. Jahr*
- 644 Synaptic Plasticity in *Drosophila* Memory and Hyperexcitable Mutants: Role of cAMP Cascade  
*Y. Zhong, V. Budnik, and C.-F. Wu*
- 652 Differential Effects of Haloperidol and Clozapine on Neurotensin Gene Transcription in Rat Neostriatum  
*K.M. Merchant, P.R. Dobner, and D.M. Dorsa*
- 664 Transmitter-operated Channels in Rabbit Retinal Astrocytes Studied *in situ* by Whole-Cell Patch Clamping  
*B. Clark and P. Mobbs*
- 674 Transient Calbindin-D<sub>28K</sub>-Positive Systems in the Telencephalon: Ganglionic Eminence, Developing Striatum and Cerebral Cortex  
*F.-C. Liu and A.M. Graybiel*

**Cover picture:** Dual fluorescence staining of a living frog *cutaneus pectoris* end plate. The left image (green) shows the distribution of FM1-43, a styryl dye that stains motor nerve terminals in an activity-dependent fashion, evidently by labelling recycled synaptic vesicles. The right image (red) shows rhodamine  $\alpha$ -bungarotoxin staining of the same end plate. The two images are superimposed in the middle. Regions of overlap appear yellow. See Betz et al., pp. 363–375.

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