

CONTENTS

MILLAN, M. J., M. H. MILLAN, A. CZYKOWSKI, V. HÖLLT, C. W. T. PILCHER, A. HERZ, AND F. C. COLPAERT: A Model of Chronic Pain in the Rat: Response of Multiple Opioid Systems to Adjuvant-Induced Arthritis	899
MCGUIRE, B. A., J. K. STEVENS, AND P. STERLING: Microcircuitry of Beta Ganglion Cells in Cat Retina	907
BIELAJEW, C., AND P. SHIZGAL: Evidence Implicating Descending Fibers in Self-Stimulation of the Medial Forebrain Bundle	919
GANONG, A. H., A. W. JONES, J. C. WATKINS, AND C. W. COTMAN: Parallel Antagonism of Synaptic Transmission and Kainate/Quisqualate Responses in the Hippocampus by Piperazine-2,3-Dicarboxylic Acid Analogs	930
PASTERNAK, T., AND L. J. LEINEN: Pattern and Motion Vision in Cats with Selective Loss of Cortical Directional Selectivity	938
SMITH, M. A., J. F. MARGIOTTA, A. FRANCO, JR., J. M. LINDSTROM, AND D. K. BERG: Cholinergic Modulation of an Acetylcholine Receptor-Like Antigen on the Surface of Chick Ciliary Ganglion Neurons in Cell Culture	946
WALAAS, S. I., A. C. NAIRN, AND P. GREENGARD: PCPP-260, A Purkinje Cell-Specific Cyclic AMP-Regulated Membrane Phosphoprotein of <i>M</i> , 260,000	954
WENSTRUP, J. J., L. S. ROSS, AND G. D. POLLAK: Binaural Response Organization Within a Frequency-Band Representation of the Inferior Colliculus: Implications for Sound Localization	962
KUHR, W. G., J. C. BIGELOW, AND R. M. WIGHTMAN: <i>In vivo</i> Comparison of the Regulation of Releasable Dopamine in the Caudate Nucleus and the Nucleus Accumbens of the Rat Brain	974
KATZ, D. M., AND I. B. BLACK: Expression and Regulation of Catecholaminergic Traits in Primary Sensory Neurons: Relationship to Target Innervation <i>in vivo</i>	983
SRETAVAN, D. W., AND C. J. SHATZ: Prenatal Development of Cat Retinogeniculate Axon Arbors in the Absence of Binocular Interactions	990
BLACK, M. M., P. KEYSER, AND E. SOBEL: Interval Between the Synthesis and Assembly of Cytoskeletal Proteins in Cultured Neurons	1004
KRASNE, F. B., AND D. L. GLANZMAN: Sensitization of the Crayfish Lateral Giant Escape Reaction	1013
DUBIN, M. W., L. A. STARK, AND S. M. ARCHER: A Role for Action-Potential Activity in the Development of Neuronal Connections in the Kitten Retinogeniculate Pathway	1021
HITCHCOCK, P. F., AND S. S. EASTER, JR.: Retinal Ganglion Cells in Goldfish: A Qualitative Classification into Four Morphological Types, and a Quantitative Study of the Development of One of Them	1037
PURVES, D., R. D. HADLEY, AND J. T. VOYVODIC: Dynamic Changes in the Dendritic Geometry of Individual Neurons Visualized Over Periods of Up to Three Months in the Superior Cervical Ganglion of Living Mice	1051

Continued

Cover picture: Immunofluorescent visualization of a Purkinje cell in the cerebellum of an adult rhesus monkey after reaction with antibody to cyclic guanosine 3':5'-monophosphate-dependent protein kinase. This enzyme is localized in high concentrations within Purkinje cells and appears first at midgestation concomitantly with the establishment of synaptic contacts. Micrograph, which was published in *J. Neuroscience*, 1984, 4: 2553-2564, provided by P. Levitt, P. Rakic, P. De Camilli and P. Greengard.

FURSHPAN, E. J., S. C. LANDIS, S. G. MATSUMOTO, AND D. D. POTTER: Synaptic Functions in Rat Sympathetic Neurons in Microcultures. I. Secretion of Norepinephrine and Acetylcholine	1061
POTTER, D. D., S. C. LANDIS, S. G. MATSUMOTO, AND E. J. FURSHPAN: Synaptic Functions in Rat Sympathetic Neurons in Microcultures. II. Adrenergic/Cholinergic Dual Status and Plasticity	1080
FURSHPAN, E. J., D. D. POTTER, AND S. G. MATSUMOTO: Synaptic Functions in Rat Sympathetic Neurons in Microcultures. III. A Purinergic Effect on Cardiac Myocytes	1099
PARK, D. H., G. TEITELMAN, M. J. EVINGER, J. I. WOO, D. A. RUGGIERO, V. R. ALBERT, E. E. BAETGE, V. M. PICKEL, D. J. REIS, AND T. H. JOH: Phenylethanolamine N-Methyltransferase-Containing Neurons in Rat Retina: Immunohistochemistry, Immunochemistry, and Molecular Biology	1108
WALICKE, P., S. VARON, AND M. MANTHROPE: Purification of a Human Red Blood Cell Protein Supporting the Survival of Cultured CNS Neurons, and Its Identification as Catalase	1114
SUZUKI, H., AND L. H. PINTO: Response Properties of Horizontal Cells in the Isolated Retina of Wild-Type and Pearl Mutant Mice	1122
WALL, J. T., AND C. G. CUSICK: The Representation of Peripheral Nerve Inputs in the S-I Hindpaw Cortex of Rats Raised with Incompletely Innervated Hindpaws	1129
ROSS, W. N., L. L. STOCKBRIDGE, AND N. L. STOCKBRIDGE: Regional Properties of Calcium Entry in Barnacle Neurons Determined with Arsenazo III and a Photodiode Array	1148
TS'O, D. Y., C. D. GILBERT, AND T. N. WIESEL: Relationships Between Horizontal Interactions and Functional Architecture in Cat Striate Cortex as Revealed by Cross-Correlation Analysis	1160
MONTMINY, M. R., M. J. LOW, L. TAPIA-ARANCIBIA, S. REICHLIN, G. MANDEL, AND R. H. GOODMAN: Cyclic AMP Regulates Somatostatin mRNA Accumulation in Primary Diencephalic Cultures and in Transfected Fibroblast Cells	1171
RITCHIE, T. C., R. H. FABIAN, J. V. A. CHOATE, AND J. D. COULTER: Axonal Transport of Monoclonal Antibodies	1177
HOLTMAN, J. R., JR., T. E. DICK, AND A. J. BERGER: Involvement of Serotonin in the Excitation of Phrenic Motoneurons Evoked by Stimulation of the Raphe Obscurus	1185
COFFIELD, J. A., V. MILETIC, E. ZIMMERMANN, M. J. HOFFERT, AND B. R. BROOKS: Demonstration of Thyrotropin-Releasing Hormone Immunoreactivity in Neurons of the Mouse Spinal Dorsal Horn	1194

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