

THE JOURNAL OF NEUROSCIENCE

SEPTEMBER 1982

VOLUME 2 NUMBER 9

THE OFFICIAL JOURNAL OF THE SOCIETY FOR NEUROSCIENCE

CONTENTS

- KNUDSEN, E. I.: Auditory and Visual Maps of Space in the Optic Tectum of the Owl 1177
- HATTEN, M. E., M. B. FURIE, AND D. B. RIFKIN: Binding of Developing Mouse Cerebellar Cells to Fibronectin: A Possible Mechanism for the Formation of the External Granular Layer 1195
- CONNOLLY, J. A., P. A. ST. JOHN, AND G. D. FISCHBACH: Extracts of Electric Lobe and Electric Organ from *Torpedo californica* Increase the Total Number as well as the Number of Aggregates of Chick Myotube Acetylcholine Receptors 1207
- MAHUT, H., S. ZOLA-MORGAN, AND M. MOSS: Hippocampal Resections Impair Associative Learning and Recognition Memory in the Monkey 1214
- GOODMAN, R. R., AND S. H. SNYDER: Autoradiographic Localization of Adenosine Receptors in Rat Brain using [³H]Cyclohexyladenosine 1230
- O'SHEA, M., AND C. A. BISHOP: Neuropeptide Proctolin Associated with an Identified Skeletal Motoneuron 1242
- POLITIS, M. J., N. STERNBERGER, K. EDERLE, AND P. S. SPENCER: Studies on the Control of Myelinogenesis. IV. Neuronal Induction of Schwann Cell Myelin-specific Protein Synthesis during Nerve Fiber Regeneration 1252
- DIFIGLIA, M., AND N. ARONIN: Ultrastructural Features of Immunoreactive Somatostatin Neurons in the Rat Caudate Nucleus 1267
- MARROCCO, R. T., J. W. MCCLURKIN, AND R. A. YOUNG: Spatial Summation and Conduction Latency Classification of Cells of the Lateral Geniculate Nucleus of Macaques 1275
- BOHN, M. C., AND V. L. FRIEDRICH, JR.: Recovery of Myelination in Rat Optic Nerve after Developmental Retardation by Cortisol 1292
- SINGER, P. A., S. MEHLER, AND H. L. FERNANDEZ: Blockade of Retrograde Axonal Transport Delays the Onset of Metabolic and Morphologic Changes Induced by Axotomy 1299
- KOTAKE, C., P. C. HOFFMANN, AND A. HELLER: The Biochemical and Morphological Development of Differentiating Dopamine Neurons Co-aggregated with Their Target Cells of the Corpus Striatum *In Vitro* 1307
- BOTTICELLI, L. J., AND R. J. WURTMAN: Septohippocampal Cholinergic Neurons Are Regulated Trans-synaptically by Endorphin and Corticotropin Neuropeptides 1316
- BARKAI, A. I., AND H. L. MELTZER: Regulation of Calcium Entry into the Extracellular Environment of the Rat Brain 1322
- WEINRICH, M., AND S. P. WISE: The Premotor Cortex of the Monkey 1329