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- 3111 Helfert, R.H., I.R. Schwartz, and A.F. Ryan: Ultrastructural Characterization of Gerbil Olivocochlear Neurons Based on Differential Uptake of ^3H -D-Aspartic Acid and a Wheatgerm Agglutinin-Horseradish Peroxidase Conjugate from the Cochlea
- 3124 Mason, C.A., J.C. Edmondson, and M.E. Hatten: The Extending Astroglial Process: Development of Glial Cell Shape, the Growing Tip, and Interactions with Neurons
- 3135 Han, V.K.M., J.M. Lauder, and A.J. D'Ercole: Rat Astroglial Somatomedin/Insulin-Like Growth Factor Binding Proteins: Characterization and Evidence of Biologic Function
- 3144 Gaffan, E.A., D. Gaffan, and S. Harrison: Disconnection of the Amygdala from Visual Association Cortex Impairs Visual Reward-Association Learning in Monkeys
- 3151 Burmeister, D.W., and D.J. Goldberg: Micropruning: The Mechanism of Turning of *Aplysia* Growth Cones at Substrate Borders *in vitro*
- 3160 Katz, L.C., and M. Constantine-Paton: Relationships Between Segregated Afferents and Postsynaptic Neurons in the Optic Tectum of Three-Eyed Frogs
- 3181 Tetzlaff, W., M.A. Bisby, and G.W. Kreutzberg: Changes in Cytoskeletal Proteins in the Rat Facial Nucleus Following Axotomy
- 3190 Cheng, T.P.O., and T.S. Reese: Compartmentalization of Anterogradely and Retrogradely Transported Organelles in Axons and Growth Cones from Chick Optic Tectum
- 3200 Thompson, S., and P. Ruben: Inward Rectification in Response to FMRFamide in *Aplysia* Neuron L2: Summation with Transient K Current
- 3208 Wood, J.N., J. Winter, I.F. James, H.P. Rang, J. Yeats, and S. Bevan: Capsaicin-Induced Ion Fluxes in Dorsal Root Ganglion Cells in Culture
- 3221 Donoghue, J.P., and J.N. Sanes: Organization of Adult Motor Cortex Representation Patterns Following Neonatal Forelimb Nerve Injury in Rats
- 3233 Haycock, J.W., P. Greengard, and M.D. Browning: Cholinergic Regulation of Protein III Phosphorylation in Bovine Adrenal Chromaffin Cells

Cover picture: A triple exposure showing the relationships between 3 types of muscle cells and a muscle organizing cell in an embryonic medicinal leech. These cells were filled intracellularly with dyes that fluoresce at different wavelengths: one longitudinally and 2 circumferentially oriented muscle cells are red, 3 obliquely oriented muscle cells are yellow, and the cell with multiple processes which serve to gather and align oblique muscle cells during embryogenesis is blue. For scale, the short diameter of the elliptical nucleus of the muscle organizing cell is approximately 10 μm . Micrograph provided by the authors, J. Jellies and W.B. Kristan, Jr., from their paper (pp. 3317–3326, this issue).

- 3240 Ratto, G.M., R. Payne, W.G. Owen, and R.Y. Tsien: The Concentration of Cytosolic Free Calcium in Vertebrate Rod Outer Segments Measured with Fura-2
- 3247 O'Brien, M.A., E.J. Katahira, T.R. Flanagan, L.W. Arnold, G. Haughton, and W.E. Bollenbacher: A Monoclonal Antibody to the Insect Prothoracicotropic Hormone
- 3258 Lipscombe, D., and H.P. Rang: Nicotinic Receptors of Frog Ganglia Resemble Pharmacologically Those of Skeletal Muscle
- 3266 Favorov, O., T. Sakamoto, and H. Asanuma: Functional Role of Corticoperipheral Loop Circuits During Voluntary Movements in the Monkey: A Preferential Bias Theory
- 3278 Dow, K.E., S.E.L. Mirski, J.C. Roder, and R.J. Riopelle: Neuronal Proteoglycans: Biosynthesis and Functional Interaction with Neurons *in vitro*
- 3290 Farbman, A.I., P.C. Brunjes, L. Rentfro, J. Michas, and S. Ritz: The Effect of Unilateral Naris Occlusion on Cell Dynamics in the Developing Rat Olfactory Epithelium
- 3296 Black, M.M., and V.M.-Y. Lee: Phosphorylation of Neurofilament Proteins in Intact Neurons: Demonstration of Phosphorylation in Cell Bodies and Axons
- 3306 Amaral, D.G., R. Insausti, and M.J. Campbell: Distribution of Somatostatin Immunoreactivity in the Human Dentate Gyrus
- 3317 Jellies, J., and W.B. Kristan, Jr.: Embryonic Assembly of a Complex Muscle Is Directed by a Single Identified Cell in the Medicinal Leech
- 3327 Stratton, S.E., J.F. Lorden, L.E. Mays, and G.A. Oltmans: Spontaneous and Harmaline-Stimulated Purkinje Cell Activity in Rats with a Genetic Movement Disorder
- 3337 Rodriguez-Tébar, A., and Y.-A. Barde: Binding Characteristics of Brain-Derived Neurotrophic Factor to Its Receptors on Neurons from the Chick Embryo
- 3343 Pfaffinger, P.: Muscarine and t-LHRH Suppress M-Current by Activating an IAP-Insensitive G-Protein
- 3354 Wagner, J.A., A.M. Snowman, A. Biswas, B.M. Olivera, and S.H. Snyder: ω -Conotoxin GVIA Binding to a High-Affinity Receptor in Brain: Characterization, Calcium Sensitivity, and Solubilization
- 3360 Newman-Gage, H., and A. M. Graybiel: Expression of Calcium Calmodulin-Dependent Protein Kinase in Relation to Dopamine Islands and Synaptic Maturation in the Cat Striatum
- 3376 Chneiweiss, H., J. Glowinski, and J. Premont: Mu and Delta Opiate Receptors Coupled Negatively to Adenylate Cyclase on Embryonic Neurons from the Mouse Striatum in Primary Cultures
- 3383 Wässle, H., and M.H. Chun: Dopaminergic and Indoleamine-Accumulating Amacrine Cells Express GABA-Like Immunoreactivity in the Cat Retina
- 3395 Whiting, P.J., and J.M. Lindstrom: Characterization of Bovine and Human Neuronal Nicotinic Acetylcholine Receptors Using Monoclonal Antibodies
- 3405 Middleton, P., L.L. Rubin, and S.M. Schuetze: Desensitization of Acetylcholine Receptors in Rat Myotubes Is Enhanced by Agents that Elevate Intracellular cAMP

- 3413 Keirstead, S.A., and P.K. Rose: Structure of the Intraspinial Projections of Single, Identified Muscle Spindle Afferents from Neck Muscles of the Cat
- 3427 Marc, R.E., W.-L.S. Liu, K. Scholz, and J.F. Muller: Serotonergic and Serotonin-Accumulating Neurons in the Goldfish Retina
- 3451 Wigston, D.J., and S.P. Donahue: The Location of Cues Promoting Selective Reinnervation of Axolotl Muscles
- 3459 Bulloch, A.G.M., D.A. Price, A.D. Murphy, T.D. Lee, and H.N. Bowes: FMRFamide Peptides in *Helisoma*: Identification and Physiological Actions at a Peripheral Synapse
- 3470 Schwob, J.E., and D.I. Gottlieb: Purification and Characterization of an Antigen That Is Spatially Segregated in the Primary Olfactory Projection
- 3481 Yan, Q., and E.M. Johnson, Jr.: An Immunohistochemical Study of the Nerve Growth Factor Receptor in Developing Rats
- 3499 Williams, J.T., W.F. Colmers, Z.Z. Pan: Voltage- and Ligand-Activated Inwardly Rectifying Currents in Dorsal Raphe Neurons *in vitro*
- 3507 Lloyd, P.E.: Fast Axonal Transport of Modulatory Neuropeptides from Central Ganglia to Components of the Feeding System in *Aplysia*
- 3515 Trapp, B.D., P. Hauer, and G. Lemke: Axonal Regulation of Myelin Protein mRNA Levels in Actively Myelinating Schwann Cells
- 3522 Jones, K.A., and R.W. Baughman: NMDA- and non-NMDA-Receptor Components of Excitatory Synaptic Potentials Recorded from Cells in Layer V of Rat Visual Cortex

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