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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.

- 1965 Phosphorylation of Brain Sodium Channels in the I-II Linker Modulates Channel Function in *Xenopus* Oocytes
Raymond D. Smith and Alan L. Goldin
- 1975 Localization of Synaptotagmin-Binding Domains on Syntaxin
Yun Kee and Richard H. Scheller
- 1982 Evidence for Multiple AMPA Receptor Complexes in Hippocampal CA1/CA2 Neurons
Robert J. Wenthold, Ronald S. Petralia, Jaroslav Blahos II, and Andrew S. Niedzielski
- 1990 G-Protein-Gated Inward Rectifier K⁺ Channel Proteins (GIRK1) Are Present in the Soma and Dendrites as well as in Nerve Terminals of Specific Neurons in the Brain
Arturo Ponce, Earl Bueno, Clifford Kentros, Eleazar Vega-Saenz de Miera, Alan Chow, Dean Hillman, Susan Chen, Liangxue Zhu, Michael B. Wu, Xiaying Wu, Bernardo Rudy, and William B. Thornhill
- 2002 Reduced Nicotinamide Adenine Dinucleotide-Selective Stimulation of Inositol 1,4,5-Trisphosphate Receptors Mediates Hypoxic Mobilization of Calcium
Adam I. Kaplin, Solomon H. Snyder, and David J. Linden
- 2012 Identification of Gas6 as a Growth Factor for Human Schwann Cells
Rong-hao Li, Jian Chen, Glenn Hammonds, Heidi Phillips, Mark Armanini, Patrick Wood, Richard Bunge, Paul J. Godowski, Mark X. Sliwkowski, and Jennie P. Mather
- 2020 Decreased Binding of Dopamine D3 Receptors in Limbic Subregions after Neonatal Bilateral Lesion of Rat Hippocampus
Gonzalo Flores, David Barbeau, Rémi Quirion, and Lalit K. Srivastava
- 2027 Neurogenesis in the Dentate Gyrus of the Adult Rat: Age-Related Decrease of Neuronal Progenitor Proliferation
H. Georg Kuhn, Heather Dickinson-Anson, and Fred H. Gage
- 2034 NMDA-Dependent Modulation of CA1 Local Circuit Inhibition
Heinz C. R. Grunze, Donald G. Rainnie, Michael E. Hasselmo, Eddie Barkai, Elizabeth F. Hearn, Robert W. McCarley, and Robert W. Greene
- 2044 Immunocytochemical Localization of Group III Metabotropic Glutamate Receptors in the Hippocampus with Subtype-Specific Antibodies
Stefania Risso Bradley, Allan I. Levey, Steven M. Hersch, and P. Jeffrey Conn

- 2057 A Different Form of Long-Lasting Potentiation Revealed in Tissue Plasminogen Activator Mutant Mice
Uwe Frey, Michael Müller, and Dietmar Kuhl
- 2064 Glial Cells Are Increased Proportionally in Transgenic Optic Nerves with Increased Numbers of Axons
Julia F. Burne, Julie K. Staple, and Martin C. Raff
- 2074 Cellular Localization of Guidance Cues in the Establishment of Retinotectal Topography
Roger W. Davenport, Edda Thies, and Phillip G. Nelson
- 2086 Ocular Dominance Columns in New World Monkeys
Margaret S. Livingstone
- 2097 Differential Serotonergic Innervation of the Suprachiasmatic Nucleus and the Intergeniculate Leaflet and its Role in Circadian Rhythm Modulation
Elizabeth L. Meyer-Bernstein and Lawrence P. Morin
- 2112 Representation of Spatial Orientation by the Intrinsic Dynamics of the Head-Direction Cell Ensemble: A Theory
Kechen Zhang
- 2127 Selective Clustering of GABA_A and Glycine Receptors in the Mammalian Retina
Peter Koulen, Marco Sassoè-Pognetto, Ulrike Grünert, and Heinz Wässle
- 2141 Glucocorticoids Differentially Increase Nerve Growth Factor and Basic Fibroblast Growth Factor Expression in the Rat Brain
Italo Mocchetti, Giulio Spiga, Valerie Y. Hayes, Paul J. Isackson, and Annamaria Colangelo
- 2149 Prepulses Inhibit Startle-Induced Reductions of Extracellular Dopamine in the Nucleus Accumbens of Rat
Trevor Humby, Lawrence S. Wilkinson, Trevor W. Robbins, and Mark A. Geyer

Cover picture: Double immunostaining of dissociated embryonic chick optic tectal culture. Guidance cues involved in the establishment of retinotectal topography are differentially distributed between the two visible cell types: tectal neurons (*green*, tetanus toxin/fragment C) selectively evoked retinal ganglion cell growth cone collapse and retraction, whereas non-neuronal cells (*red*, anti-vimentin) generally attenuated outgrowth, without inducing collapse. Learning the differential expression of cues can indicate the sequential processes involved in the establishment of retinotectal topography and can serve as a foundation for identifying the responsible molecules. See Davenport et al., pp. 2074–2085.

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