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1654 The Intrinsic Electrophysiological Properties of Mammalian Neurons: Insights into Central Nervous System Functions: R. R. Llinás

Research Articles
Three-dimensional reconstruction of human epileptic cortex showing a large neuronal nucleus with a large nucleolus (yellow) and surrounded by multiple smaller astrocytic nuclei. The neuron shows an interior and abnormal position of one of the two chromosome 9 centromere signals (red). Astrocytic in situ hybridization signals are depicted either in magenta (pink) or cyan (turquoise) for each cell. See page 1687.

Raoult's Law and the Melting Point Depression in Mesoscopic Systems: G. NIMTZ, P. MARQUARDT, D. STAUFFER, W. WEISS

The Origin of the Superstructure in Bi2Sr2CaCu2O8+δ as Revealed by Scanning Tunneling Microscopy: M. D. KIRK, J. NOGAMI, A. A. BASKI, D. B. MITZI, A. KAPITULNIK, T. H. GEBALLE, C. F. QUATE

Gravitational Separation of Gases and Isotopes in Polar Ice Caps: H. CRAIG, Y. HORIBE, T. SOWERS

Restoration of Torque in Defective Flagellar Motors: D. F. BLAIR AND H. C. BERG

Association of Transfer RNA Acceptor Identity with a Helical Irregularity: W. H. MCCLAIN, Y.-M. CHEN, K. FOSS, J. SCHNEIDER

Infection of the SCID-hu Mouse by HIV-1: R. NAMIKAWA, H. KANESHIMA, M. LIEBERMAN, I. L. WEISSMAN, J. M. McCUNE

Movement of the X Chromosome in Epilepsy: J. BORDEN AND L. MANUELIDIS

Complementary Hemispheric Specialization in Monkeys: C. R. HAMILTON AND B. A. VERMEIRE

Contributions of Quisqualate and NMDA Receptors to the Induction and Expression of LTP: D. MULLER, M. JOLY, G. LYNCH

Molecular Cloning of Two Types of GAP Complementary DNA from Human Placenta: M. TRAHEY, G. WONG, R. HALENBECK, B. RUBINFIELD, G. A. MARTIN, M. LADNER, C. M. LONG, W. J. CROSIER, K. WATT et al.

Repair of the Secretion Defect in the Z Form of α1-Antitrypsin by Addition of a Second Mutation: M. BRANTLY, M. COURTNAY, R. G. CRYSTAL


Engraftment of Immune-Deficient Mice with Human Hematopoietic Stem Cells: S. KAMEL-REID AND J. E. DICK

The Non-Darwinian Revolution, reviewed by D. L. HULL

Thinking About Science, K. BERGMAN

Transposition, M. MALAMY

The Lightning Discharge, W. D. RUST

Books Received

Biomolecular Purification

Scientific Calculator

Reaction Columns with Immobilized Enzymes

Precast Electrophoresis Gels

Digital Camera

Automated Fraction Collector

Literature

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