This Week in Science

Incorporation of New Science into Risk Management


Europe: Betting Heavily on Fusion
U.S. Fusion Program: Struggling to Stay in the Game
Third Strike for NCI Breast Cancer Study
Deficits Trip U.K. Science Funding Agencies
Parallel Track: Where Should It Intersect Science?
NIH Panel: Bovine Hormone Gets the Nod
Cold Fusion at Texas A&M: Problems, But No Fraud
Brown Gets Science Committee Post
William Happer to Be DOE Research Chief

Human Brain Disease Engineered in Mice
Viewing the Universe as a Coat of Chain Mail • Keck's First Light
Introns Pop up in New Places—What Does It Mean?
Nitrogenase Structure Revealed
Briefings: Virology Dead, Says Duesberg • Cyanide in Them Thar Hills • Hopeful News for CF Pilot Studies • NEA Dumps on Science Art • No Conflict on Conflict of Interest • Paradigm Wars

New Physicians: A Natural Experiment in Market Organization: A. E. Roth
Astrophysics and Cosmology Closing in on Neutrino Masses: A. Dar
A View of Interphase Chromosomes: L. Manuelidis


Melting of Diamond at High Pressure: G. Galli, R. M. Martin, R. Car, M. Parrinello

Stable Isotopic Evidence for a Pedogenic Origin of Carbonates in Trench 14 near Yucca Mountain, Nevada: J. Quade and T. E. Cerling
Evolution of a Balanced Sex Ratio by Frequency-Dependent Selection in a Fish: D. O. Conover and D. A. Van Voorhis
Acetylcholine Binding by a Synthetic Receptor: Implications for Biological Recognition: D. A. Doughtery and D. A. Stauffer


Crystal Structure of Bee-Venom Phospholipase A2 in a Complex with a Transition-State Analogue: D. L. Scott, Z. Otwinowski, M. H. Gelb, P. B. Sigler

Bacterial Origin of a Chloroplast Intron: Conserved Splicing Group I Intron in Cyanobacteria: M.-Q. Xu, S. D. Kathe, H. Goodrich-Blair, S. A. Nierzwicky-Bauer, D. A. Shub

An Ancient Group I Intron Shared by Eubacteria and Chloroplasts: M. G. Kuhsel, R. Strickland, J. D. Palmer

Complementation of the Mitotic Activator, p80<sup>ak25</sup>, by a Human Protein-Tyrosine Phosphatase: K. L. Gould, S. Moreno, N. K. Tonks, P. Nurse


Homologous Recombination and Stable Transfection in the Parasitic Protozoan Trypanosoma brucei: M. G.-S. Lee and L. H. T. Van der Ploeg


Secretion of Neurotoxins by Mononuclear Phagocytes Infected with HIV-1: D. Giulian, K. Vaca, C. A. Noonan

Poliovirus Mutants Resistant to Neutralization with Soluble Cell Receptors: G. Kaplan, D. Peters, V. R. Racanello

Reappraisals of the Scientific Revolution, reviewed by A. E. Shapito

From Cologne to Chapel Hill; The Right Place at the Right Time; From Design to Discovery, J. F. Bunnett

Food Hoarding in Animals, D. F. Sherry

The Theory of Coherent Atomic Excitation, K. Rzązewski

Books Received

Automated Amino Acid Analysis • Hybridization Incubator • Spectropolarimeter System • Genetic Thermal Cycler • Microfuge • Population Dynamics Software • Literature

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