This Week in Science

Editorial

Transportation of Hazardous Materials

Letters


News & Comment

American Weapons, Alien Parts
Gene Splicing Dominates Review of Weapons Pact Soviets Discuss Sverdlovsk
Red Tape Snarls Soviet Research Ship

Briefing: NIH Considers Major Change in Definition of Recombinant DNA
NIH Leaves Gene Therapy Rules as Is Rhinos Pushed to the Brink for Trinkets and Medicines Education Statistics Found to Be Inadequate BP Looks for Remarkable Research Projects

Research News

Damage to Tropical Forests, or Why Were There So Many Kinds of Animals?
New Rule Proposed for Protein Degradation
In Search of Dark Matter

Articles

Quasars at 25: V. Trimble and L. Wolter

Early Signals in the Mitogenic Response: E. Rozengurt

Experimental Methods in the Political Economy of Exchange: V. L. Smith

Research Articles


In Vivo Half-Life of a Protein Is a Function of Its Amino-Terminal Residue: A. Bachmaier, D. Finley, A. Varshavsky

Reports


Lightning Strike Fusion: Extreme Reduction and Metal-Silicate Liquid Immiscibility: E. J. Essene and D. C. Fisher
Nuclear and Mitochondrial DNA Comparisons Reveal Extreme Rate Variation in the Molecular Clock: L. Vawter and W. M. Brown

Physiological Variation in α-Adrenoceptor-Mediated Arterial Sensitivity: Relation to Agonist Affinity: J. A. Bevan, M. A. Oriowo, R. D. Bevan


Brominating Oxidants Generated by Human Eosinophils: S. J. Weiss, S. T. Test, C. M. Eckmann, D. Roos, S. Regiani

Detoxification of Bacterial Lipopolysaccharides (Endotoxins) by a Human Neutrophil Enzyme: R. S. Munford and C. L. Hall

Inhibin-Mediated Feedback Control of Follicle-Stimulating Hormone Secretion in the Female Rat: C. Rivier, J. Rivier, W. Vale

Miocene Characid Fishes from Colombia: Evolutionary Stasis and Extirpation: J. G. Lundberg, A. Machado-Allison, R. F. Kay

A Single Genetic Unit Specifies Two Transposition Functions in the Maize Element Activator: H. Dooner, J. English, E. Ralston, E. Weck

Science and Security: The Future of Arms Control: Advance Registration Form; Schedule of Events

Gordon Research Conferences: 1987 Winter Schedule: A. M. Cruickshank

Imagining Tomorrow, reviewed by P. J. Kuznick ■ The Economics of Women, Men, and Work, P. T. Gottschalk ■ Ethnic Differences in Reactions to Drugs and Xenobiotics, D. Hattis ■ The Behavior of Teleost Fishes, G. W. Barlow ■ Books Received

Gamma-Ray Analysis Software ■ Graphics Software ■ Mathematical Software ■ Ultracentrifuge ■ Purified Water ■ DNA Sequencing System ■ Protein Purification System ■ Literature