The Laws of Sociodynamics

The Human Genome and Other Initiatives: B. D. Davis and Colleagues


Young Investigators at Risk ■ NSF, NIH Apply Band-Aids

Fang Lizhi: “Thinking” His Way to Freedom

The Ideal Scientist Described

Doing a Dirty Job—The Old-Fashioned Way ■ Academy Dumps on Waste Rules


Salk Institute at a Crossroads

Fractal Fracas

Seeing Proteins in 4D ■ Organic Superconductor Record


Murine Developmental Control Genes: M. Kessel and P. Gruss

Three-Dimensional Structure of Cellobiohydrolase II from Trichoderma reesei: J. Rouvinen, T. Bergfors, T. Teeri, J. K. C. Knowles, T. A. Jones

Searching for Peptide Ligands with an Epitope Library: J. K. Scott and G. P. Smith
Reports

391 Critical Behavior in the Hydrogen Insulator-Metal Transition: R. J. HEMLEY and H. K. MAO

393 Diffraction from Polymerized Membranes: F. F. ABRAHAM and D. R. NELSON

397 Evolution of the Northern Santa Cruz Mountains by Advection of Crust Past a San Andreas Fault Bend: R. S. ANDERSON

401 A Molecular Ferromagnet with a Curie Temperature of 6.2 Kelvin: [Mn(C₅(CH₃)₅)₂]⁺[TCNQ]⁻: W. E. BRODERICK, J. A. THOMPSON, E. P. DAY, B. M. HOFFMAN


406 Polarity and Velocity of Sliding Filaments: Control of Direction by Actin and of Speed by Myosin: J. R. SELLERS and B. KACHAR

408 Autophosphorylation of Protein Kinase C at Three Separated Regions of Its Primary Sequence: A. J. FLINT, R. D. PALADINI, D. E. KOSHLAND, JR.

411 Four-Dimensional Heteronuclear Triple-Resonance NMR Spectroscopy of Interleukin-1β in Solution: L. E. KAY, G. M. CLORE, A. BAX, A. M. GRONENBORN

414 Prevention of Activated Neutrophil Adhesion to Endothelium by Soluble Adhesion Protein GMPI40: J. R. GAMBLE, M. P. SKINNER, M. C. BERNDT, M. A. VADAS


420 Long-Term Synaptic Changes Produced by a Cellular Analog of Classical Conditioning in Aplysia: D. V. BUONOMANO and J. H. BYRNE


Book Reviews

426 Pions to Quarks, reviewed by C. DILWORTH ■ Women of Science, M. B. O'GILVIE ■ Books Received

Products & Materials

429 Custom Reporting Chromatography Software ■ Vacuum Blotter for Fast Transfers ■ Corrosion-Resistant HPLC Modules ■ Antibodies ■ Genetic Thermal Cycling Systems ■ Frozen Sample Holder ■ Literature