This Week in *Science*

**Editorial**

341 The Laws of Sociodynamics

**Perspective**

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

**Letters**


**News & Comment**

351 Young Investigators at Risk ■ NSF, NIH Apply Band-Aids
354 Fang Lizhi: "Thinking" His Way to Freedom
355 The Ideal Scientist Described
356 Doing a Dirty Job—The Old-Fashioned Way ■ Academy Dumps on Waste Rules

**Research News**

360 Salk Institute at a Crossroads
363 Fractal Fracas
364 Seeing Proteins in 4D ■ Organic Superconductor Record

**Articles**

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

**Research Articles**

380 Three-Dimensional Structure of Cellobiohydrolase II from *Trichoderma reesei*:
J. Rouvinen, T. Bergfors, T. Teeri, J. K. C. Knowles, T. A. Jones
386 Searching for Peptide Ligands with an Epitope Library: J. K. Scott and G. P. Smith
Critical Behavior in the Hydrogen Insulator-Metal Transition: R. J. HEMLEY AND H. K. MAO

Diffraction from Polymerized Membranes: F. F. ABRAHAM AND D. R. NELSON

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

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


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

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

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

Prevention of Activated Neutrophil Adhesion to Endothelium by Soluble Adhesion Protein GMP140: J. R. GAMBLE, M. P. SKINNER, M. C. BERNDT, M. A. VADAS


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


Pions to Quarks, reviewed by C. DILWORTH

Women of Science, M. B. O GLIVIE

Books Received

Custom Reporting Chromatography Software

Vacuum Blotter for Fast Transfers

Corrosion-Resistant HPLC Modules

Antibodies

Genetic Thermal Cycling Systems

Frozen Sample Holder

Literature

TABLE OF CONTENTS 337