This Week in Science

1487

Global Economic Competition

1489


1490

A Revisionist Look at Population and Growth ■ Environment and Development

1493

Experts Ponder Effect of Pressures on Shuttle Blowup ■ Flight Rate Pressures ■ NASA Faces Budget Crunch

1495

NAE Elects New Members

1498


1502

Giotto Finds a Big Black Snowball at Halley

1504

First Image from SPOT

1505

Briefing: AIDS Drug Shows Promise in Preliminary Clinical Trial ■ Fetal Mini-Brain in Peripheral Nerve

1506

Solving Knotty Problems in Math and Biology

1511

Cell Line Segregation During Peripheral Nervous System Ontogeny: N. M. Le Douarin

1515

Elementary Particle Physics and the Superconducting Super Collider: C. Quigg and R. F. Schwitters

1515

Biological Extinction in Earth History: D. M. Raup

1528

Heterogeneous Nuclear Ribonucleoproteins: Role in RNA Splicing: Y. D. Choi, P. J. Grabowski, P. A. Sharp, D. Dreyfuss

1534

Acid Dissolution Experiments: Carbonates and the 6.8-Micrometer Bands in Interplanetary Dust Particles: S. A. Sanford

1540


1542

A Carbonate-Rich, Hydrated, Interplanetary Dust Particle: Possible Residue from Protostellar Clouds: K. Tomoeoka and P. B. Busek

1544


1546


1549


Platelet Membrane Glycoprotein Ib/IIa: Member of a Family of Agr-Gly-Asp-Specific Adhesion Receptors: R. Pytelka, M. A. Pierschbacher, M. H. Ginsberg, E. F. Plow, E. Ruoslahti

Distribution of Protein and RNA in the 30S Ribosomal Subunit: V. Ramakrishnan


Nucleotide Sequence of SRV-1, a Type D Simian Acquired Immune Deficiency Syndrome Retrovirus: M. D. Power, P. A. Marx, M. L. Bryant, M. B. Gardner, P. J. Barr, P. A. Luciw

Inhibition of Vasopressin Action by Atrial Natriuretic Factor: M. A. Dillingham and R. J. Anderson


HTLV-III gag Protein Is Processed in Yeast Cells by the Virus pol-Protease: R. A. Kramer, M. D. Schaber, A. M. Skalka, K. Ganguly, F. Wong-Staal, E. P. Reddy


AAAS Meetings

Annual Meeting: Welcome to Philadelphia; Preconvention Program; Tours; Science & Technology Exhibition; Meeting Information; Registration & Reservation Forms; Call for Symposium Proposals

Book Reviews

Neurobiology of Arachnids, reviewed by N. J. Strausfeld

Gulls and Plovers, R. Ydenberg

Gentlemen of Science, M. Rudwick

Books Received

Products & Materials

Peptide and Protein Separation

Electron Detector

Analyzer for Thiols and Disulfides

Incubation Tray

Rodent Surgery

Shaker Platform

Micropositioning Unit

Literature