691 This Week in Science

Editorial

693 Physics Through the 1990's

Perspective

695 Are Breeder Reactors Still Necessary?: A. M. Weinberg

Letters


News & Comment

699 AIDS Virus Has New Name—Perhaps
700 Library Cutbacks: An Information Deficit
702 Titan Accident Disrupts Military Space Program
704 Briefing: University Presidents Predict Harm from Uncoordinated Deficit Reduction Policies . . . . . . . But They Endorse the Supercollider ■ Days May Be Numbered for Polygraphs in the Private Sector ■ Fletcher Promises Rebirth of Shuttle Program ■ White House Group Recommends a New Shuttle Orbiter ■ France Cuts Research to Fund New Jobs ■ Johnston Drops Opposition to CEBAF

Research News

708 Researchers Seek Melanoma Gene
709 Briefing: Venus Is Looking More Like Earth Than Mars
710 Resolving the Star Wars Software Dilemma
713 Briefing: Charge Density Waves Seen in Potassium

Articles

727 The Structure, Function, and Expression of Interleukin-2 Receptors on Normal and Malignant Lymphocytes: T. A. Waldmann
732 Laboratory Experiments in Economics: The Implications of Posted-Price Institutions: C. R. Ploft

Research Articles

738 Delay of Disease Development in Transgenic Plants That Express the Tobacco Mosaic Virus Coat Protein Gene: P. P. Abel, R. S. Nelson, B. De, N. Hoffmann, S. G. Rogers, R. T. Fraley, R. N. Beachy

Reports

744 Enhanced Ethylene and Ethane Production with Free-Radical Cracking Catalysts: J. H. Kolts and G. A. Delzer
746 Inorganic and Organic Sulfur Cycling in Salt-Marsh Pore Waters: G. W. Luther III, T. M. Church, J. R. Scudlark, M. Cosman
Cover. The benthic foraminiferan *Sorites marginalis* (Lamarck) was first described in 1816. The initial chambers are in the center of the test, and succeeding ones are added in an annular series. This species occurs only in shallow tropical seas, and is distributed worldwide. See page 775 [SEM photograph by Kenneth Severin, Department of Geology, University of California, Davis 95616].


751 Amplification and Expression of Genes Associated with Multidrug Resistance in Mammalian Cells: K. W. Scott, J. L. Biedler, P. W. Melera

755 Activation of the AID5 Retrovirus Promoter by the Cellular Transcription Factor, Sp1: K. A. Jones, J. T. Kadonaga, P. A. Luciw, R. Tjian

759 Defective Sialic Acid Egress from Isolated Fibroblast Lysosomes of Patients with Salla Disease: M. Renlund, F. Tietze, W. A. Gahl


765 The Mechanism of Binding of a Polynucleotide Chain to Pancreatic Ribonuclease: A. McPherson, G. Brazer, D. Cacic, R. Williams


772 Activation of Mouse T-Helper Cells Induces Abundant Preproenkephalin mRNA Synthesis: G. Zurawski, M. Benedik, B. J. Kamb, J. S. Abrams, S. M. Zurawski, F. D. Lee

775 Geographic Origin of Benthic Foraminiferal Species: M. A. Buzas and S. J. Culver

Technical Comments

776 Measurement of Brain Deoxyglucose Metabolism by NMR: T. Nelson, G. Lucignani, L. Sokoloff; R. K. Deuel

Book Reviews

778 The Crab Nebula and Related Supernova Remnants, reviewed by G. Chanon ■ Relativistic Astrophysics, D. M. Eardley ■ Gravitational Physics of Stellar and Galactic Systems, T. de Zeeuw ■ Turbulence in the Ocean, O. M. Phillips ■ Some Other Books of Interest ■ Books Received

Products & Materials

783 Photomicroscope ■ Automation of Scanning Electron Microscopes ■ Semen Analyzer ■ Laboratory Work Station ■ Nucleic Acid Detection ■ Radioligand Binding Analysis Software ■ Atomic Absorption Spectrometers ■ Literature
Science 232 (4751), 691-783.

http://science.sciencemag.org/content/232/4751

http://www.sciencemag.org/help/reprints-and-permissions