This Week in Science

Editorial

1637 The Molecule of the Year

Molecule of the Year


Letters

1644 Carcinogens and Human Health: Part I; F. P. Perera; B. N. Ames and L. S. Gold

News & Comment

1648 Choosing Detectors for the SSC
1651 Stanford Sails into a Storm
1652 A Rare View of the Moon
1655 Biomedical Funding: The Eternal "Crisis" ■ Plus ça Change
1654 Space Program: A Blueprint for Ambiguity?

Research News

1655 Slow Going for Blood Substitutes ■ Blood, Money, and the Pentagon
1657 Immune Mystery Revealed: How MHC Meets Antigen
1658 Astro-1: From the Jaws of Defeat
1659 Breast Cancer: Two Steps Closer to Understanding
1660 Volcanoes: Old, New, and—Perhaps—Yet to Be: A New Wrinkle for the Face of Venus ■ Volcano Watchers Await Long Valley's Signal ■ Surfing Plate Tectonics Erupts Beneath the Sea

Articles

1665 A Mechanism for Social Selection and Successful Altruism: H. A. Simon
1678 Mechanisms in the Cycle of Violence: K. A. Dodge, J. E. Bates, G. S. Pettit

Research Articles

1690 Cloning and Expression of a Developmentally Regulated Protein That Induces Mitogenic and Neurite Outgrowth Activity: Y.-S. Li, P. G. Milner et al.
1694 Targeting the E1 Replication Protein to the Papillomavirus Origin of Replication by Complex Formation with the E2 Transactivator: I. J. Mohr, R. Clark et al.

Reports

1700 Iridium Profile for 10 Million Years Across the Cretaceous-Tertiary Boundary at Gubbio (Italy): W. Alvarez, F. Asaro, A. Montanari
1702 Kinematics of Late Paleozoic Continental Collision Between Laurentia and Gondwana: P. E. Sacks and D. T. Secor, Jr.
1705 Control of a Desert-Grassland Transition by a Keystone Rodent Guild: J. H. Brown and E. J. Deski

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cover Optical image of a 6.0-micrometer-thick single-crystal diamond film grown by chemical vapor deposition, together with gem-cut natural diamonds. Strain in the crystal causes the various colors in polarized light. Such films may form the basis for new kinds of electronic and optical devices. See Editorial, page 1637, and Molecule of the Year, p. 1640. [Diamond film made by A. Badzian and T. Badzian, micrograph by Barry Scheetz, Pennsylvania State University, University Park, PA 16802; photograph of gem-cut diamonds by Randy Duchaine/The Stock Market]

1709 Zinc Mediation of the Binding of Human Growth Hormone to the Human Prolactin Receptor: B. C. CUNNINGHAM, S. Bass, G. FuH, J. A. Wells
1712 Stable, Monomeric Variants of λ Cro Obtained by Insertion of a Designed β-Hairpin Sequence: M. C. MOSSING and R. T. SAUER
1720 Induction by Antigen of Intrathymic Apoptosis of CD4+CD8+ TCRαβ Thymocytes in Vivo: K. M. MURPHY, A. B. HEIMBERGER, D. Y. LOH
1723 Transport Protein Genes in the Murine MHC: Possible Implications for Antigen Processing: J. J. MONACO, S. CHO, M. ATTAYA
1729 Hemolin: An Insect-Immune Protein Belonging to the Immunoglobulin Superfamily: S.-C. SUN, L. LINDSTRÖM, H. G. BOMAN, J. FAYE, O. SCHMIDT
1732 Dominant Negative Regulation of the Mouse α-Fetoprotein Gene in Adult Liver: J. VACHER and S. M. TILGHMAN
1735 Calcium-Sensitive Inactivation in the Gating of Single Calcium Channels: D. T. YUE, P. H. BACKX, J. P. IMREDY
1740 Regulation of Progesterone Receptor-Mediated Transcription by Phosphorylation: L. A. DENNER, N. L. WEIGEL, B. L. MAXWELL et al.
1745 Hot Spots for Growth Hormone Gene Deletions in Homologous Regions Outside of Alu Repeats: C. L. VNENCAC-JONES and J. A. PIllS III

Technical Comments


Inside AAAS

1750 Forensic Scientists Uncovering Fate of Brazil's "Disappeared" with help of AAAS
Spotlight on Top Scientists in Africa
Global Warming: Not Only Show in Town
Fellows Sought from Industry for OSTP Posts
Interview with Ivan Havel: Science in Eastern Europe

Book Reviews

1754 The High-Status Track, reviewed by D. KAREN
The Diverted Dream, H. S. WECHSLER
Moments in the Life of a Scientist, M. W. FRIEDLANDER
Freedom in Machinry, J. DUFFY and M. GRIFFIS
The Astronomer's Universe, K. BRACHER
The Mechanics of Earthquakes and Faulting, R. L. BRUHN
Books Received

Products & Materials

1764 Nucleic Acid Cross-Linker
Powerful Desktop PC
Colorimetric Web for Protein Immunoblotting
Monoclonal Antibodies
Ribonuclease Protection Assay Kit
Chemiluminescent DNA-Typing Kit
Literature

Author Index to Volume 250 is found on pages I-X
Information for Contributors is found on pages XI-XII