This Week in Science

The Molecule of the Year


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News & Comment

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Stanford Sails into a Storm
A Rare View of the Moon
Biomedical Funding: The Eternal "Crisis" • Plus ça Change
Space Program: A Blueprint for Ambiguity?

Research News

Slow Going for Blood Substitutes • Blood, Money, and the Pentagon
Immune Mystery Revealed: How HMC Meets Antigen
Astro-1: From the Jaws of Defeat
Breast Cancer: Two Steps Closer to Understanding
Volcanoes: Old, New, and—Perhaps—Yet to Be: A New Wrinkle for the Face of Venus • Volcano Watchers Await Long Valley's Signal
Surging Plate Tectonics Erupts Beneath the Sea
Briefings: NSF Watch Plays Up Misconduct • Natchez Man Gets Younger • Gazing Through a Gravitational Lens • What Next for the Energy Labs? • Brown Ousts Staffer from Committee • Ulysses: All Shook Up • Pinning Down Sequencing Costs • GAO Finds Weapons Labs Vulnerable . . .

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

Cloning and Expression of a Developmentally Regulated Protein That Induces Mitogenic and Neurite Outgrowth Activity: Y.-S. Li, P. G. Milner et al.
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.

Iridium Profile for 10 Million Years Across the Cretaceous-Tertiary Boundary at Gubbio (Italy); W. Alvarez, F. Asaro, A. Montanari
Kinematics of Late Paleozoic Continental Collision Between Laurentia and Gondwanaland: P. E. Sacks and D. T. Secor, Jr.
Control of a Desert-Grassland Transition by a Keystone Rodent Guild: J. H. Brown and E. J. Heske
Zinc Mediation of the Binding of Human Growth Hormone to the Human Prolactin Receptor: B. C. Cunningham, S. Bass, G. Fuh, J. A. Wells


Induction by Antigen of Intrathymic Apoptosis of CD4+CD8+ TCRβ+Thymocytes in Vivo: K. M. Murphy, A. B. Heimberger, D. Y. Loh

Transport Protein Genes in the Murine MHC: Possible Implications for Antigen Processing: J. J. Monaco, S. Cho, M. Attaya


Hemolin: An Insect-Immune Protein Belonging to the Immunoglobulin Superfamily: S.-C. Sun, J. Lindström, H. G. Boman, J. Faye, O. Schmidt

Dominant Negative Regulation of the Mouse α-Fetoprotein Gene in Adult Liver: J. Vacher and S. M. Tilghman

Calcium-Sensitive Inactivation in the Gating of Single Calcium Channels: D. T. Yue, P. H. Backx, J. P. Imrede


Regulation of Progesterone Receptor-Mediated Transcription by Phosphorylation: L. A. Denner, N. L. Weigel, B. L. Maxwell et al.


Hot Spots for Growth Hormone Gene Deletions in Homologous Regions Outside of Alu Repeats: C. L. Vnencak-Jones and J. A. Phillips III
Science 250 (4988), 1635-1764.