A Molecular Approach to Cancer Risk
Report Advocates "Value-Added" Ph.D.
Nuclear Waste: Academy Fends Off Charges of Bias
In the U.S., Engineers Oust Old Regime
NASA, Academy to Re-Examine EOS
Germans Buy Nature's Publisher
NASA Panel Would Drop Ames Lab
AAAS Colloquium: Partisan Politics Comes to the Fore

Antibodies Linked to Rare Epilepsy
U.S. Climate Tilts Toward the Greenhouse
Anthropologists Overturn Old Ideas About New Developments
Dwarfs and Dim Galaxies Mark Limits of Knowledge
Researchers Find Molecules That Muzzle Killer Cells
New Hope Against Blindness
AIDS Drug: Experiencing Local Delays
Space-filling model of the molecular-based magnetic material Ca₃Mn₄[V(CN)₄]₂, which orders ferrimagnetically at 125 kelvin in an external field of 25 gauss. The atoms are described by their van der Waals radii; manganese(II) centers are pink, vanadium(II) centers are red, carbon centers are gray, and nitrogen centers are blue-green. The cesium cations, which occupy the interiors of every cube, have been omitted. See page 397. [Image: K. Llewellyn, Beckman Institute Visualization Laboratory, and M. Rosenblatt and D. White, University of Illinois at Urbana-Champaign]

The Collapse of Free Polymer Chains in a Network
R. M. Briber, X. Liu, B. J. Bauer

High-Temperature Molecular Magnets Based on Cyanovanadate Building Blocks: Spontaneous Magnetization at 230 K
W. R. Entley and G. S. Girolami

Orientalational and Magnetic Ordering of Buckyballs in TDAE-C₆₀
D. Mikhailovic, D. Arcon, P. Venturini, R. Blinc, A. Omerzu, P. Cevc

Superantigen-Dependent, Cell-Mediated Cytotoxicity Inhibited by MHC Class I Receptors on T Lymphocytes
J. H. Phillips, J. E. Gumperz, P. Parham, L. L. Lanier

Cloning of Immunoglobulin-Superfamily Members Associated with HLA-C and HLA-B Recognition by Human Natural Killer Cells
M. Colonna and J. Samaridis

The Role of β₃ in Precursor B Cell Transition and Allelic Exclusion
F. Papavassiliou, Z. Misulovin, H. Suh, M. C. Nussenzweig

FAP-1: A Protein Tyrosine Phosphatase That Associates with Fas
T. Sato, S. Irie, S. Kitada, J. C. Reed

Initiation of Protein Synthesis by the Eukaryotic Translational Apparatus on Circular RNAs
C.-y. Chen and P. Sarnow

Adaptive Mutation in Escherichia coli: A Role for Conjugation
J. P. Radicella, P. U. Park, M. S. Fox

Evidence That F Plasmid Transfer Replication Underlies Apparent Adaptive Mutation
T. Galitski and J. R. Roth

Cloning of the β Cell High-Affinity Sulfonylurea Receptor: A Regulator of Insulin Secretion

Mutations in the Sulfonylurea Receptor Gene in Familial Persistent Hyperinsulinemic Hypoglycemia of Infancy
P. M. Thomas, G. J. Cote, N. Wohlik, B. Haddad, P. M. Mathew, W. Rabi, L. Aguilar-Bryan, R. F. Gagel, J. Bryan

Induction of Apoptosis in Uninfected Lymphocytes by HIV-1 Tat Protein
C. J. Li, D. J. Friedman, C. Wang, V. Metelev, A. B. Pardee

FGF Binding and FGF Receptor Activation by Synthetic Heparan-Derived Di- and Trisaccharides

Measurement of Interhelical Electrostatic Interactions in the GCN4 Leucine Zipper
K. J. Lumb and P. S. Kim

Nicotinic Receptor Binding Site Probed with Unnatural Amino Acid Incorporation in Intact Cells

Patterns of Human Growth
C. Heinrichs, P. J. Munson, D. R. Counts, G. B. Cutler Jr., J. Baron; M. Lampl, N. Cameron, J. D. Veldhuis, M. L. Johnson

Variability Among Human Umbilical Vein Endothelial Cultures

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Continental versus oceanic mantle
Science 268 (5209), 345-457.