POLICY FORUM

Realistic Mitigation Options for Global Warming

NEWS & COMMENT

AIDS Research Shifts to Immunity
152

Ominous Pattern Looms in California Earthquakes
155

Genome Data: The Perils of Involving Congress in a 'Catfight'
156

Science Funding: Is the Wolf Finally at the Door?
157

Are Chemists Girl Crazy?
158

CERN Reacts Cautiously to SSC's Woes
159

RESEARCH NEWS

Knockouts Shed Light on Learning
162

The Promise and Pitfalls of Molecular Genetics
164

Twin Studies Go Back to the Womb

DEPARTMENTS

THIS WEEK IN SCIENCE 141
EDITORIAL 143
LETTERS 145
SCIENCESCOPE 151
RANDOM SAMPLES 160
AAAS MEETINGS 271

AAAS ★ 93: Annual Meeting, Call for Papers and Student Research Awards

BOOK REVIEWS 275

Physics and Politics in Revolutionary Russia, reviewed by D. Holloway • New World Parrots in Crisis, C. Toft • Olfaction, R. Gesteland • Excitatory Amino Acids and Synaptic Transmission, L. Trussel • Books Received

PRODUCTS & MATERIALS 279

Belier, T. C., and D. D. Stine, Transferred Immune Cells May Help Fight Viral Infection

Feldman, A., and M. A. Gerstein, Ancient Rock Yields Buckyballs in the Rough

PERSPECTIVE

The Seeds of Cosmic Structure
R. B. Partridge

ARTICLES

Near-Field Optics: Microscopy, Spectroscopy, and Surface Modification Beyond the Diffraction Limit
E. Betzig and J. K. Trautman

Subaqueous Explosive Eruption and Welding of Pyroclastic Deposits
P. Kokelaar and C. Busby

RESEARCH ARTICLES

Deficient Hippocampal Long-Term Potentiation in α-Calcium-Calmodulin Kinase II Mutant Mice
A. J. Silva, C. F. Stevens, S. Tonegawa, Y. Wang

Impaired Spatial Learning in α-Calcium-Calmodulin Kinase II Mutant Mice