This Week in Science

1417 Punitive Taxation of Science and Engineering


News & Comment

1425 Will Magnet Problems Delay the SSC?
1427 German Universities Bursting at the Seams
1428 Monitoring the Fate of the Forests from Space ■ Landsat Wins a Reprieve
1430 Alar: The Numbers Game
1431 MCAT to Stress Thinking, Writing
1432 Unesco Seeks Role in Genome Projects

Research News

1433 Making the Moon, Remaking Earth
1435 Ice Age Art Idea Toppled
1436 Update on Electron Superconductors
1437 Will the Hubble Space Telescope Compute?
1439 Scheduling the Stars

Articles

1441 Growing Up in Poor Neighborhoods: How Much Does It Matter?: S. E. Mayer and C. Jencks
1445 The First High-Energy Neutrino Experiment: M. Schwartz
1450 Glial Cell Diversification in the Rat Optic Nerve: M. C. Raff

Reports

1456 Generalized Tube Model of Biased Reptation for Gel Electrophoresis of DNA: J. Noolandi, G. W. Slater, H. A. Lim, J. L. Viovy
1458 Heat Flow and Hydrothermal Circulation in the Cascade Range, North-Central Oregon: S. E. Ingebritsen, D. R. Sherrod, R. H. Marioner
1462 Reduction of Intestinal Carcinogen Absorption by Carcinogen-Specific Secretory Immunity: L. K. Silbart and D. F. Kerem

Identification of a Platelet Membrane Glycoprotein as a Falciparum Malaria Sequestration Receptor: C. F. Ockenhouse, N. N. Tandon, C. Magowan, G. A. Jamieson, J. D. Chulay

The Mutations in Ashkenazi Jews with Adult GM2 Gangliosidosis, the Adult Form of Tay-Sachs Disease: R. Navon and R. L. Pröia

Quisqualate Activates a Rapidly Inactivating High Conductance Ionic Channel in Hippocampal Neurons: C.-M. Tang, M. Dichter, M. Morad

The EGF Receptor Kinase Substrate p35 in the Floor Plate of the Embryonic Rat CNS: J. A. McKanna and S. Cohen

Binocular Unmasking: An Analogy to Binaural Unmasking?: B. Schneider, G. Moraglia, A. Jepson

Identification of an Allatotropin from Adult Manduca sexta: H. Kataoka, A. Toschi, J. P. Li, R. L. Carney, D. A. Schooley, S. J. Kramer


Direct Bronchial Analysis of the Restoration of Activity to a Mutant Enzyme by Exogenous Amines: M. D. Toney and J. F. Kirsh

Amyloid β Protein Enhances the Survival of Hippocampal Neurons in Vitro: J. S. Whitson, D. J. Selkoe, C. W. Cotman


Reproductive Success, reviewed by R. E. Ricklefs ■ The Sources of Innovation, F. M. Scherer ■ Lost in Space, A. Chaves ■ Some Other Books of Interest ■ Books Received

Microscope Imaging Workstation ■ Biocompatible HPLC Columns ■ Mathematics Software ■ Software for Finite Element Analysis ■ DAB in Liquid Concentrate Form ■ Peptide Analysis by HPLC ■ Heating Mantles for Flasks ■ Literature