627 This Week in Science

Editorial

629 Oil Spills

Letters


News & Comment

643 The Dingell Probe Finally Goes Public ■ Credit for Whistle-Blower Vanishes ■ Secret Service Probes Lab Notes ■ "I Am Not a Neat Person" ■ A Question of Intent ■ NIH to Use Forensics
647 Electrochemists Fail to Heat Up Cold Fusion
648 Germany Sets Up New Space Agency Researchers Irked by Changes to Testimony
649 Frazier Honored by Psychiatrists Koop Resigns in a Huff Science Artifacts on the Block
650 Skeleton Alleged in the Stealth Bomber's Closet

Research News

652 Two Cultures Find Common Ground
654 Gene Signals Relapse of Breast, Ovarian Cancers
655 New Chip May Speed Genome Analysis

Articles

659 The Economic Status of the Elderly: M. D. Hurd
664 Observations in Particle Physics from Two Neutrinos to the Standard Model: L. M. Lederman

Research Articles

679 Stereochimisty of RNA Cleavage by the Tetrahymena Ribozyme and Evidence That the Chemical Step Is Not Rate-Limiting: J. A. McSwiggan and T. R. Cech

Reports

684 Model Simulation of the Cretaceous Ocean Circulation: E. J. Barron and W. H. Peterson
686 Hearing in Honey Bees: Detection of Air-Particle Oscillations: W. F. Towne and W. H. Kirchner


690 Corn and Culture in Central Andean Prehistory: S. Johannesen and C. A. Hestorff

Stereochemical Course of Catalysis by the Tetraphymena Ribozyme: J. Rajagopalan, J. A. Doudna, J. W. Szostak

Identification of the Fusion Peptide of Primate Immunodeficiency Viruses: M. L. Bosch, P. L. Earl, K. Fargnoli, S. Picciufouco, F. Giombini, F. Wong-Staal, G. Franchini

Calicheamicin y1 and DNA: Molecular Recognition Process Responsible for Site-Specificity: N. Zein, M. Poncin, R. Nilakantan, G. A. Elledst

Complementary DNA Coding Click Beetle Luciferases Can Elicit Bioluminescence of Different Colors: K. V. Wood, Y. A. Lam, H. H. Seliger, W. D. McLeroy

Reexamination of the Three-Dimensional Structure of the Small Subunit of Rubisco from Higher Plants: S. Knight, I. Andersson, C.-I. Branden


Neural Integration of Information Specifying Structure from Stereopsis and Motion: M. Nawrot and R. Blake

Otto Folin, reviewed by J. T. Edsall ■ Nuts and Bolts of the Past, C. Purcell ■ Evaporite Sedimentology and Evaporites and Hydrocarbons, P. Sonnenfeld ■ Continental Flood Basalts, S. A. Morse ■ Books Received

Magnetic Cell Sorter ■ Statistical Experimental Design Software ■ In Vivo Electrochemistry System ■ Cell and Tissue Adhesive ■ Population Dynamics Software ■ Multivariate Data Analysis Software ■ Literature
Science 244 (4905), 627-724.