1307 This Week in Science

Editorial

1309 Scienceless to Homeless: R. J. Wyatt and E. G. DeRenz

Letters

1311 Species Loss: B. D. Patterson; M. A. Mares ■ Peace and Virtue: B. T. Werner

News & Comment

1313 Omnibus Health Bill: Vaccines, Drug Exports, Physician Peer Review
1315 Europe Struggles to Control Pollution
1316 Prospects Discouraging for Minorities in Science
1317 Interior Sets Fight on Alaska Oil Patch
Briefing: U.K. Research Jobs Down ■ Forest Conservation ■ Ariane Plans Next Launch in March
1318 Biotech Firms Compete in Genetic Disease Market

Research News

1321 Comets Appear to Be Rosetta Stones
1322 Synchrotron X-rays Probe Coronary Arteries
1324 Neurosciences Advance in Basic and Clinical Realms: A Possible Diagnostic Test for Alzheimer's? ■ Ion Channels That May Underlie Learning ■ Neurotransmitters Regulate Growth Cones
1326 A New Look at an Old Fossil Face

Articles

1349 Research Toward Malaria Vaccines: L. H. Miller, R. J. Howard, R. Carter, M. F. Good, V. Nussenzweig, R. S. Nussenzweig
1356 Randomly Exact Methods: J. D. Doll and D. L. Freeman
1361 Social Relationships and Social Cognition in Nonhuman Primates: D. Cheney, R. Seyfarth, B. Smuts

Research Articles


Reports

1383 Climatic Consequences of Very High Carbon Dioxide Levels in Earth's Early Atmosphere: J. F. Kasting and T. P. Ackerman
1385 Ultraviolet Irradiation Transforms C3H10T1/2 Cells to a Unique, Suppressible Phenotype: H. R. Herschman and D. W. Brankow
Inhibition of Secretion of Hepatitis B Surface Antigen by a Related Presurface Polypeptide: D. H. PERSING, H. E. VARMUS, D. GANEM

Oligodendrocyte Adhesion Activates Protein Kinase C–Mediated Phosphorylation of Myelin Basic Protein: T. VARTANIAN, S. SZUCHT, G. DAWSON, A. T. CAMPAGNONI


Tissue-Specific and Ectopic Expression of Genes Introduced into Transgenic Mice by Retroviruses: P. SORIANO, R. D. CONE, R. C. MULLIGAN, R. JAENISCH

Physical Theory of the Orientation of Astral Mitotic Spindles: M. BJERKES

The Fos Protein Complex Is Associated with DNA in Isolated Nuclei and Binds to DNA Cellulose: L. C. SAMBUCETTI AND T. CURRAN

Tumor Necrosis Factor Reduces c-myc Expression and Cooperates with Interferon-γ in HeLa Cells: A. YARDEN AND A. KIMCHI


Annual Meeting: Preconvention Program ■ Tours ■ Meeting Information ■ Advance Registration Form

Technical Progress and Soviet Economic Development, reviewed by J. P. HARDT ■ Anger, C. N. DEGLER ■ Molecular Cell Biology, E. LAZARIDES ■ Galaxy Distances and Deviations from Universal Expansion, V. TRIMBLE ■ Reprints of Books Previously Reviewed ■ Books Received

Foot-Operated Microscope Focuser ■ Thermal Microscope Stage ■ Calculator Software for Personal Computers ■ Southern Genotyping Procedure System ■ Automatic Preparative Gas Chromatograph ■ Fluid Surface Tensiometer ■ Desktop Analysis Software