
Resources for Research Medicine: S. Muller

CP Symmetry Violation: The Search for Its Origin: J. W. Cronin

Role of MHC Gene Products in Immune Regulation: B. Benacerraf

Tsukuba Science City: Japan Tries Planned Innovation: J. L. Bloom and S. Asano

Nuclear Pulse (III): Playing a Wild Card

Shunning Cryptocensorship

Utilities Choke on Asthma Research

Briefing: Resins Raise Problems for TMI Cleanup; Soviet Oil Decline Put Off 3 Years; Amniocentesis: Be Prepared; Gene Therapy Pioneer Draws Mikado-esque Rap

Natriuretic Hormone Linked to Hypertension

Mount St. Helens: Volcanoes, Quakes, and the Connectedness of Things; The Mountain Is Behaving Itself—For Now; Gauging Volcanic Blast Hazards Not So Simple

Alaska Native Culture and History, reviewed by R. H. Jordan; Culture Contact and Culture Change, S. L. Dyson; Interstellar Molecules, M. Jura; Underwater Minerals, J. R. Moore; The Role of Peptides in Neuronal Function, L. L. Iversen; Books Received
Deep-Seated Gas Emission Induced by the Earth Tide: A Basic Observation for Geochronal Earthquake Prediction: R. Sugisaki ........................................ 1264
Homogeneous Fluorescent Immunoassay: J. Briggs, V. B. Elings, D. F. Nicoli . . . 1266
Fly Ash-Derived Strontium as an Index to Monitor Deposition from Coal-Fired Power Plants: I. R. Straughan et al. ....................................................... 1267
Magnetotactic Bacteria at the Geomagnetic Equator: R. B. Frankel et al. .......... 1269
Prostacyclin: A Potent Antimetastatic Agent: K. V. Honn, B. Cicone, A. Skoff .......................................................... 1270
Light Modulates Voltage-Dependent Potassium Channels in Limulus Ventral Photoreceptors: R. J. Leonard and J. E. Lisman ........................................... 1273
Absence of Correlation Between Base-Pair Sequence and RNA Conformation: S. R. Holbrook, J. L. Sussman, S.-H. Kim ......................................................... 1275
Human Muscle Phosphoglycerate Mutase Deficiency: Newly Discovered Metabolic Myopathy; S. Dimarco et al. ......................................................... 1277
Somatomedin-C Mediates Growth Hormone Negative Feedback by Effects on Both the Hypothalamus and the Pituitary: M. Berelowitz et al. ...................... 1279
Infant Carrying by Male Chacma Baboons: C. Busse and W. J. Hamilton III ........ 1281
Predatory Salamanders Reverse the Outcome of Competition Among Three Species of Anuran Tadpoles: P. J. Morin ......................................................... 1284
Vagotomy Abolishes Cues of Satiety Produced by Gastric Distension: M. F. Gonzalez and J. A. Deutsch .......................................................... 1283
Auditory Intensity Discrimination After Selective Loss of Cochlear Outer Hair Cells: C. A. Prosen et al. .......................................................... 1286
Phosphatidate as a Molecular Link Between Depolarization and Neurotransmitter Release in the Brain: R. A. Harris et al. ........................................... 1290
Two-Hundred-Million-Year-Old Chromosomes: Deceleration of the Rate of Karyotypic Evolution in Turtles: J. W. Bickham ......................................................... 1291
Serum Lipoproteins Modulate Oxygenated Sterol Insertion into Human Red Cell Membranes: R. A. Streuli et al. .......................................................... 1294

Technical Comments: Natural Explosive Noises: D. J. Stierman; T. Gold and S. Soter .......................................................... 1296

PRODUCTS AND MATERIALS

Microcomputer Education; Autoclaves; Digital Thermometers; Digitizers; pH Electrodes; Calculator Expander; Recorder; Literature ......................... 1300

Cover

Adult male chacma baboon (Papio ursinus) inspects an infant as the mother watches. These baboons live in multimale, multifemale groups. Dominant males mate with females and subsequently protect their probable offspring in the presence of potentially infanticidal immigrant males. See page 1281. [William J. Hamilton III, Institute of Ecology, University of California, Davis 95616]