LETTERS

EDITORIAL
The Federal Science Advisory Apparatus

ARTICLES
Freedom for Science in the Oceans: G. Cadwalader
Depressive Disorders: Toward a Unified Hypothesis: H. S. Akiskal and W. T. McKinney, Jr.
Computer and Information Networks: M. Greenberger et al.

NEWS AND COMMENT
Center for Atmospheric Research: Monument to Science’s Old Life-Style
One Breeder for the Price of Two?
The Seed: Reforming Drug Abusers with Love

RESEARCH NEWS
Dry Geothermal Wells: Promising Experimental Results
Singlet Oxygen: A Unique Microbicidal Agent in Cells

BOOK REVIEWS
Population Growth, reviewed by C. Renfrew; Flesh of the Gods, O. C. Stewart; Science and Society, 1600–1900, R. Hahn; Developmental Nephrology, T. W. Torrey; Atmospheric Energetics, S. K. Kao; Solar Activity Observations and Predictions, J. M. Wilcox; The Chemistry of Platinum and Palladium, R. Heck; The Science and Technology of Superconductivity, D. M. Ginsberg

REPORTS
Asteroidal Source of Meteorites: P. D. Zimmerman and G. W. Wetherill
An Atmosphere on Ganymede from Its Occultation of SAO 186800 on 7 June 1972: R. W. Carlson et al.
Mammalian Cells in Culture Frequently Release Type C Viruses: M. M. Lieber et al.
Glucodynamic Hormones Modify the Recovery Period after Lateral Hypothalamic Lesions: S. Balagura, L. Harrell, T. Ralph .................................................. 59

Dopa and Dopamine in Glusulase: Possible Artifact in Studies on Catecholamine Metabolism: A. H. Anton et al. .......................................................... 60

Peroxisomal and Mitochondrial Defects in the Cerebro-Hepato-Renal Syndrome: S. Goldfischer et al. ................................................................................. 62

Velocity and Displacement Responses in Auditory-Nerve Fibers: J. J. Zwislocki and W. G. Sokolich ............................................................................. 64

Experimental Subacute Spongiform Virus Encephalopathies in Primates and Other Laboratory Animals: C. J. Gibbs, Jr., and D. C. Gajdusek .................. 67

Induction of an Enzyme in Genetically Deficient Rats after Grafting of Normal Liver: A. B. Mukherjee and J. Krasner .................................................. 68

Gelatin: A Poor Substrate for a Mammalian Collagenase: P. A. McCroskery, S. Wood, Jr., E. D. Harris, Jr. ........................................................................... 70

Brain Tryptophan Hydroxylation: Dependence on Arterial Oxygen Tension: J. N. Davis et al. ............................................................................................... 72

Methyltetrahydrofolic Acid Mediates N- and O-Methylation of Biogenic Amines: S. P. Banerjee and S. H. Snyder ................................................................ 74

Prevention of Murine Lupus Nephritis by Carrier Dependent Induction of Immunologic Tolerance to Denatured DNA: Y. Borel, R. M. Lewis, B. D. Stollar .......... 76

Vitamin B12 and the Megaloblastic Development: F. I. Haurani .......................................................... 78

Nerve Growth Factor: Relationship to the Cyclic AMP System of Sensory Ganglia: D. B. Hier, B. G. W. Arnason, M. Young ........................................... 79

Gamma-Aminobutyric Acid Antagonism in Visual Cortex: Different Effects on Simple, Complex, and Hypercomplex Neurons: J. D. Pettigrew and J. D. Daniels ............................... 81

Student Ratings of Teaching: Validity of Several Rating Factors: P. W. Frey ............................................................................................................. 83


The American Association for the Advancement of Science was founded in 1848 and incorporated in 1874. Its objects are to further the work of scientists, to facilitate cooperation among them, to improve the effectiveness of science in the promotion of human welfare, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.
182 (4107)

Science 182 (4107), 9-87.