LETTERS


EDITORIAL

Dietary Carcinogens

ARTICLES

Facing Quantum Mechanical Reality: F. Rohrlich.
Dietary Carcinogens and Anticarcinogens: B. N. Ames.
Imaging Dopamine Receptors in the Human Brain by Positron Tomography: H. N. Wagner, Jr., et al.

NEWS AND COMMENT

Bell Labs on the Brink
Antitrust and Technology Thrust
HHS Preparing to Issue New Baby Doe Rules
China Faces Environmental Challenge

BRIEFING

NSB Education Commission Produces Grand Design; Technology Export Law Reform Facing Difficulties; Britain Joins European Nations on Fast Breeder; FDA Speeds Approval of Cyclosporin

RESEARCH NEWS

X-ray Diffraction in Two Dimensions
Brain-Grafting Work Shows Promise
Likely T Cell Receptor Gene Cloned
Scheme to Foil Software Pirates

SCIENCE is published weekly on Friday, except the last week in December, by the American Association for the Advancement of Science, 1515 Massachusetts Avenue, NW, Washington, D.C. Periodicals postage paid at Washington, D.C., and at an additional entry. Copyright © 1983 by the American Association for the Advancement of Science. Domestic individual membership and subscription (51 issues): $63. Domestic institutional subscription (51 issues): $90. Foreign postage extras: Canada $24, other (surface mail) via Amsterdam $65, First class, airmail, school-year, and student rates on request. Single copies $2.50 ($3 by mail); back issues $3 ($3.50 by mail); Biotechnology issue, $5 ($5.50 by mail); rates on request. Change of address: allow 6 weeks, giving old and new addresses and seven-digit account number. Authorization to photoduply material for internal or personal use under does not falling within the fair use provisions of the Copyright Act is granted by AAAS to libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service that the base fee of $1 per copy plus $.10 per page is paid directly to CCC, 21 Congress Street, Salem, Massachusetts 01970. The identification code for Science is 0036-8075/83 $1 + 10. SEND FORM 3579 to Science, 1515 Massachusetts Avenue, NW, Washington, D.C. 20005. Science is indexed in the Reader’s Guide to Periodical Literature and in several specialized indexes.
BOOK REVIEWS
Politics and Technology in the Soviet Union, reviewed by R. Campbell; Powers of Ten, R. H. March; Astrophysical Cosmology, G. R. Blumenthal; Mammalian Paleofaunas of the World, M. C. McKenna; Books Received

REPORTS
Oxygen Tension Regulates the Expression of Angiogenesis Factor by Macrophages: D. R. Knighton et al. 1283
Cell Surface P-Glycoprotein Associated with Multidrug Resistance in Mammalian Cell Lines: N. Kartner, J. R. Riordan, V. Ling 1285
Turnover, Membrane Insertion, and Degradation of Sodium Channels in Rabbit Urinary Bladder: D. F. Loo et al. 1288
Tumor-Derived Growth Factor Increases Bone Resorption in a Tumor Associated with Humoral Hypercalcemia of Malignancy: K. J. Ibbotson et al. 1292
Axonal Proteins of Presynaptic Neurons During Synaptogenesis: P. Sonderegger et al. 1294
Strain Differences in Rat Brain Epinephrine Synthesis: Regulation of α-Adrenergic Receptor Number by Epinephrine: B. D. Perry et al. 1297
Acetylcholine Mediates a Slow Synaptic Potential in Hippocampal Pyramidal Cells: A. E. Cole and R. A. Nicoll 1299
Stress-Induced Suppression of Immunity in Adrenalectomized Rats: S. E. Keller et al. 1301
Coupling of Dopamine D1 Recognition Sites with Adenylate Cyclase in Nuclei Accumbens and Caudatus of Schizophrenics: M. Memo, J. E. Kleinman, I. Hanbauer 1304
Modulation of the Metastatic Capability in B16 Melanoma by Cell Shape: A. Raz and A. Ben-Ze’ev 1307
A Major Metabolite of Arginine Vasopressin in the Brain Is a Highly Potent Neuropeptide: J. P. H. Burbach et al. 1310
Which Behavior Does the Lamprey Central Motor Program Mediate?: J. Ayers et al. 1312

COVER