LETTERS


EDITORIAL

Energy for Western Europe

ARTICLES

Status of the Development of EDS Coal Liquefaction: G. K. Vick and W. R. Epperly

Transcriptional Control Signals of a Eukaryotic Protein-Coding Gene: S. L. McKnight and R. Kingsbury

Outlook for Soviet Oil: T. Scanlan

NEWS AND COMMENT

Squabbling Over the Space Policy

A Soviet Space Station?

Auditors Scour Labs in Search of Waste

FDA to Reexamine Bendectin Data

Looking at Genes in the Workplace

Briefing: British Out of IIASA, Americans May Stay In; Using Experience to Calculate Nuclear Risks; Universities Seek Access to Big Number Crunchers

RESEARCH NEWS

Transplants as Guides to Brain Development

Grafts Correct Brain Damage

BOOK REVIEWS

Maya Subsistence, reviewed by B. L. Turner II; Quantum Gravity 2, L. Parker; Tropical Cyclones, R. C. Genry; Imagery, K. J. Holyoak; The American Cockroach, M. C. Nelson; Books Received
REPORTS

Isotopic Paleoceanography of the Caribbean and East Pacific: Role of Panama Uplift in Late Neogene Time: L. Keigwin .......................... 350


Cholinergic Agonists Induce Vectorial Release of Serotonin from Duodenal Enterochromaffin Cells: E. J. Forsberg and R. J. Miller .................... 355

A Diurnal Rhythm in Pineal Protein 1 Content Mediated by β-Adrenergic Neurotransmission: E. J. Nestler, M. Zatz, P. Greengard ................. 357

Lung Fibrosis and Emphysema: Divergent Responses to a Common Injury?: D. E. Niewoehner and J. R. Hoidal ......................................... 359

Evidence for the Clonal Origin of Spontaneous Metastases: J. E. Talmadge, S. R. Wolman, J. J. Fidler .................................................. 361


N-β-Alanyldopamine: Major Role in Insect Cuticle Tanning: T. L. Hopkins et al. ........................................................................ 364

Size Analysis of Phospholipid Vesicle Preparations: Y. Nozaki et al. .................................................................................. 366

Immunotherapy of Metastases Enhances Subsequent Chemotherapy: M. G. Hanna, Jr., and M. E. Key ..................................................... 367

Lethal Effect of Phenothiazine Neuroleptics on the Pathogenic Protozoan Leishmania donovani: R. D. Pearson et al ........................................ 369

Lethal Disruption of the Yeast Actin Gene by Integrative DNA Transformation: D. Shortle, J. E. Haber, D. Botstein .................................................. 371

Genetic Length of a Human Chromosomal Segment Measured by Recombination Between Two Fragile Sites: G. R. Sutherland, E. Baker, J. C. Mulley ..................... 373

Influence of Female Hormonal State on Rhesus Sexual Behavior Varies with Space for Social Interaction: K. Wallen .................................................................. 375


Histocompatibility and Isoenzyme Differences in Commercially Supplied “BALB/c” Mice: B. Kahan et al .............................................................. 379

Histocompatibility and Isoenzyme Differences in Commercially Supplied “BALB/c” Mice: A Reply: H. L. Foster and M. W. Balk ......................... 381

COVER

Exxon Coal Liquefaction Plant. Except for the coal preparation section, the plant is similar to a small refinery; it contains more than 52 miles of 2-inch and larger pipe, more than 13,000 valves, 107 miles of instrument tubing and electrical conduits, 15 fractionation towers, 68 drums, 148 pumps, 76 heat exchangers, 5 furnaces, and 17 tanks. See page 311. [Photo by Robert Herko, Exxon Research and Engineering Co., Linden, New Jersey]