LETTERS
NSF Policy Analysis: J. M. Logsdon; M. G. Morgan; Nuclear Test Yields:
J. F. Everenden and L. R. Sykes

EDITORIAL
Fundamental Science in the States: G. A. Strobel

ARTICLES
The Molecular Basis of Neuronal Excitability: W. A. Catterall
Malignant Activation of a K-ras Oncogene in Lung Carcinoma but Not in Normal
Tissue of the Same Patient: E. Santos et al.

NEWS AND COMMENT
Missile Deployments Shake European Politics
Renewed Interest in Food Irradiation
Argentina Formulates Nuclear New Deal
Briefing: Compassion in Medicine; Military Claims Growing Share of Britain’s
R & D; Problems with EDB Not Over Yet; Nuclear Power Faces “Bleak”
Future, OTA Says
Legal Threat Halts CDC Meeting on Lead

RESEARCH NEWS
What Do Oncogenes Do?
Perusing the myc Gene
How to Make a Warm Cretaceous Climate

R & D COLLOQUIUM
Ninth Annual AAAS Colloquium on R & D Policy; Advance Registration Form
Preliminary Program
BOOK REVIEWS

All Faithful People, reviewed by W. C. Roof; The Archaeology of Social Disintegration in Skunk Hollow, J. Borchert; Perspectives in Ornithology, F. B. Gill; The Evolutionary Biology of Colonizing Species, S. C. Stearns; History of Staining, J. S. Fruton; Books Received

REPORTS

Incompatibility Between the Dimorphic Flowers of *Collomia grandiflora*, a Cleistogamous Species: E. M. Lord and K. J. Eckard

Subtidal Gastropods Consume Sulfur-Oxidizing Bacteria: Evidence from Coastal Hydrothermal Vents: J. L. Stein

Somatic Activation of ras\(^K\) Gene in a Human Ovarian Carcinoma: L. A. Feig et al.


Lymphokine Production by Cultured Human T Cells Transformed by Human T-Cell Leukemia-Lymphoma Virus I: S. Z. Salahuddin et al.

Hypoxic Coordinate Regulation of Mitochondrial Enzymes in Mammalian Cells: B. J. Murphy et al.

Intracellular Study of Human Epileptic Cortex: In vitro Maintenance of Epileptiform Activity?: P. A. Schwartzkroin and W. D. Knowles

Ribose Intervention in the Cardiac Pentose Phosphate Pathway Is Not Species-Specific: H.-G. Zimmer et al.

Susceptibility of Skeletal Muscle to Coxsackie A\(_2\) Virus Infection: Effects of Botulinum Toxin and Denervation: C. G. Andrew et al.

Technical Comments: Residential Firewood Use: M. R. Bailey; F. W. Lipfert and J. L. Dungan

PRODUCTS AND MATERIALS

Electrophoresis End-Point Detection; Automated Pipette; Human Monoclonal Antibody; Microbore HPLC Package; Ion-Coupled Plasma Spectroscopy; Gas Chromatograph; Fraction Collector; DNA Synthesis; Literature

COVER

Space shuttle Challenger glides past the U.S. Capitol in this composite photograph symbolizing the key role of Congress in the nation’s R & D efforts. R & D in the fiscal 1985 budget will be discussed at the Ninth Annual R & D Colloquium, 29 and 30 March 1984, Washington, D.C. See page 679. [Concept and Capitol photo by Albert H. Teich, AAAS. Shuttle photo courtesy of NASA, Washington, D.C.]