This Week in Science

LETTERS
Nutrition Report and the Academy: H. Kamin; R. E. Olson; F. Press; Understanding Science: M. Goran; W. J. Haas; D. F. Cox

EDITORIAL
1986: A Vintage Year for Space Science: A. J. Dessler

ARTICLES
Fluid Beds: At Last, Challenging Two Entrenched Practices: A. M. Squires, M. Kwaak, A. A. Avidan
Peptide Neurotoxins from Fish-Hunting Cone Snails: B. M. Olivera et al.
The 3' Splice Site of Pre-Messenger RNA Is Recognized by a Small Nuclear Ribonucleoprotein: B. Chabot, D. L. Black, D. M. LeMaster, J. A. Steitz
Enzymatic Amplification of β-Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickle Cell Anemia: R. K. Saiki et al.

NEWS AND COMMENT
AIDS Therapy: New Push for Clinical Trials
AIDS Virus Presents Moving Target
An Avalanche of New Cash
Fight Over South African Ban Intensifies
Briefing: Agencies Brace for Cuts in FY-86 Program Budgets; Congressmen Seek Delay in X-ray Laser Test; Credit for University R&D Offered in Tax Reform Bill; GAO Finds Errors in A-Bomb Test Data
Britain Pulls Out of Unesco
Britain Joins SDI Research
Beggs Takes a Leave of Absence at NASA

RESEARCH NEWS
Plate Tectonics Goes Back 2 Billion Years
New Sickle Cell Test
BOOK REVIEWS

The Origins of Individual Differences in Infancy, reviewed by R. S. Wilson; No Sacrifice Too Great, R. D. Cuff; Adaptive Mechanisms in Gaze Control, R. A. Andersen; Prehistoric Europe, M. A. Jochim; Books Received

REPORTS

Platinized Chloroplasts: A Novel Photocatalytic Material: E. Greenbaum

A New Class of Steroids Inhibits Angiogenesis in the Presence of Heparin or a Heparin Fragment: R. Crum, S. Szabo, J. Folkman

Promoter Region of the Human Harvey ras Proto-oncogene: Similarity to the EGF Receptor Proto-oncogene Promoter: S. Ishii, G. T. Merlino, I. Pastan

Sequence of the Immunodominant Epitope for the Surface Protein on Sporozoites of Plasmodium vivax: T. F. McCutchan et al.


Brain-Derived Acidic Fibroblast Growth Factor: Complete Amino Acid Sequence and Homologies: G. Gimenez-Gallego et al.

A Model for Fibrinogen: Domains and Sequence: J. W. Weisel, C. V. Stauffacher, E. Bullitt, C. Cohen

Repression of the Immunoglobulin Heavy Chain Enhancer by the Adenovirus-2 EIA Products: R. Hen, E. Borrelli, P. Chambon


Detection of DNA Sequences in Nuclei in Suspension by in Situ Hybridization and Dual Beam Flow Cytometry: B. Trask, G. van den Engh; J. Landegent, N. J. in de Wal, M. van der Ploeg

A Human Y-Linked DNA Polymorphism and Its Potential for Estimating Genetic and Evolutionary Distance: M. Casanova et al.


COVER

Colloidal platinum precipitated onto photosynthetic membranes and entrapped on filter paper viewed in reflected and transmitted light (about x8). This moistened material is capable of the simultaneous photoevolution of hydrogen and oxygen when irradiated at any wavelength in the chlorophyll absorption spectrum. The bright orange spots are punctures used to drain excess fluid from the clogged filter paper. See page 1373. [B. K. Norris and J. P. Eubanks, Oak Ridge National Laboratory, Oak Ridge, Tennessee 37831]
Editor's Summary

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