This Week in Science ................................................................. 132

LETTERS

Nutrition Report and the Academy: H. Kamin; R. E. Olson; F. Press; Understanding Science: M. Goran; W. J. Haas; D. F. Cox ........................................... 132

EDITORIAL

1986: A Vintage Year for Space Science: A. J. Dessler ........................................... 132

ARTICLES

Fluid Beds: At Last, Challenging Two Entrenched Practices: A. M. Squires, M. Kwauk, A. A. Avidan ........................................... 132

Peptide Neurotoxins from Fish-Hunting Cone Snails: B. M. Olivera et al. ........... 133

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 ........... 134

Enzymatic Amplification of β-Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickle Cell Anemia: R. K. Satki et al. ........... 135

NEWS AND COMMENT

AIDS Therapy: New Push for Clinical Trials ........................................... 135

AIDS Virus Presents Moving Target ........................................... 135

An Avalanche of New Cash ........................................... 135

Fight Over South African Ban Intensifies ........................................... 135

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 ........... 136

Britain Pulls Out of Unesco ........................................... 136

Britain Joins SDI Research ........................................... 136

Beggs Takes a Leave of Absence at NASA ........................................... 136

RESEARCH NEWS

Plate Tectonics Goes Back 2 Billion Years ........................................... 136

New Sickle Cell Test ........................................... 136
Burst of Publicity Follows Cancer Report

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. Stauffer, E. Bullitt, C. Cohen

Repression of the Immunoglobulin Heavy Chain Enhancer by the Adenovirus-2 E1A 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]