### Editorial
341 TPA and PDQ

### Letters
349 Uranium Enrichment: B. J. HULL ■ Indictment of Soviet Physicist: G. C. VEZZOLI ■ Is Female Math Anxiety Real?: S. L. SEGAL

### News & Comment
351 Congress Considers Upgrading Labs
352 Pork Barrel Unbound?
353 Corporations on Campus
354 Foreign Investors Outstrip U.S.
355 AIDS and Insects
356 Some Refuseniks See No Glasnost
357 Briefing: SSC Deadline Extended ■ “Greens” Challenge French Gene Research ■ France to Boost Research Spending

### Research News
358 Who Owns the Human Genome?
361 A Younger Universe Is Seen in the Stars
363 New Tumor Factor May Disrupt Calcium Levels

### Articles
384 The Shapes of Random Walks: J. RUDNICK and G. GASPARI

### Research Articles
389 The 30-Kilodalton Gene Product of Tobacco Mosaic Virus Potentiates Virus Movement: C. M. DEOM, M. J. OLIVER, R. N. BEACHY
394 Engineering Enzyme Specificity by “Substrate-Assisted Catalysis”: P. CARTER and J. A. WELLS

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Fragile X-bearing somatic cell hybrids cultured under positive selection for hypoxanthine guanine phosphoribosyl transferase (HGPRT) followed by in situ histochemical staining for glucose-6-phosphate dehydrogenase (G6PD) activity. The G6PD⁺ (blue) and G6PD⁻ (yellow) colonies indicate segregation of the HGPRT and G6PD genes, suggesting chromosome breakage at the fragile X site. See page 420. [Photo by S. T. Warren, Emory University School of Medicine, Atlanta, GA 30322]

Reports

400 Parallel and Serial Processes in Motion Detection: M. Dick, S. Ullman, D. Sagi


405 Severely Impaired Adipsin Expression in Genetic and Acquired Obesity: J. S. Flier, K. S. Cook, P. Usher, B. M. Spiegelman

409 Linear Plasmids of the Bacterium *Borrelia burgdorferi* Have Covalently Closed Ends: A. G. Barbour and C. F. Garon

411 Neuronal pp60^src Contains a Six-Amino Acid Insertion Relative to Its Non-Neuronal Counterpart: R. Martinez, B. Mathey-Prevot, A. Bernards, D. Baltimore

415 The Molecular Basis of the Sparse Fur Mouse Mutation: G. Veres, R. A. Gibbs, S. E. Scherer, C. T. Caskey

417 Physiological Evidence for Serial Processing in Somatosensory Cortex: T. P. Pons, P. E. Garraghty, D. P. Friedman, M. Mishkin


Book Reviews

441 Coevolution and Systematics, D. J. Futuyma and J. Kim ■ Gamma-Ray Astronomy, E. W. Stecker ■ Paleosols, R. D. Steiglitz ■ Proteins of Excitable Membranes, C. Miller ■ Books Received

Products & Materials

445 Pascal Subroutine Library ■ Variable-Speed Shaker ■ Database of Hazardous Chemicals ■ Bulk Growth Factors ■ Portable Personal Computer ■ Blue-White Screening Kit ■ Protein-Free Growth Medium ■ Fully Automated Peptide Synthesis System ■ Literature

24 JULY 1987

TABLE OF CONTENTS

337

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