NEWS & COMMENT

East Europe: A Chance to Stop HIV 1964
Will Tritium Give Magnetic Fusion a Shot in the Arm? 1966
Draft Genome Map Debuts on Internet 1967
Fermat Proof Hits a Stumbling Block 1967
Radiation Exposure: Scientists Study ‘Cold War’ Fallout 1968

RESEARCH NEWS

The Quest for the Youngest Galaxies 1969
HIV ‘Cofactor’ Comes in for More Heavy Fire 1971
The Whole World Had a Case of the Ice Age Shivers 1972
Wiring for a Very Small World 1973
Army Targets a Potential Vaccine Against Cholesterol 1974
A Closer Look at the Dinosaur-Bird Link 1975

PERSPECTIVES

Guides to the Heart of the Spliceosome 1978
J. A. Wise

p53: At the Crossroads of Molecular Carcinogenesis and Risk Assessment 1980
C. C. Harris

RESEARCH ARTICLES

Mutations in U6 snRNA That Alter Splice Site Specificity: Implications for the Active Site 1982
C. F. Lesser and C. Guthrie

The U5 and U6 Small Nuclear RNAs as Active Site Components of the Spliceosome 1989
E. J. Sontheimer and J. A. Steitz

A Mitochondrial Protease with Two Catalytic Subunits of Nonoverlapping Specificities 1997
J. Nunnari, T. D. Fox, P. Walter

REPORTS

Generation of Impossible Cross-Peaks 2005
Between Bulk Water and Biomolecules in Solution NMR
The protective action of the wild-type p53 gene helps to suppress tumors in humans. However, the p53 gene is the most commonly mutated gene in human cancer, and these mutations may actively promote tumor growth. The purple dots indicate some of the many tumor types that may carry p53 mutations, including brain, esophagus, lung, breast, liver, prostate, and colon. See Editorial, page 1953, Molecule of the Year article, page 1958, and Perspective, page 1980. [Illustration: K. Sutloff and C. Faber Smith]

**A Simple Kinetic Model of Polymer Adsorption and Desorption**
J. F. Douglas, H. E. Johnson, S. Granick

**Molecular Light Emission Induced by Inelastic Electron Tunneling**
E. Flaxer, O. Sneh, O. Cheshnovsky

**Fabrication of Conducting Polymer Interconnects**
C. L. Curtis, J. E. Ritchie, M. J. Sailor

**Stable Isotope Enrichment in Paleowaters of the Southeast Atlantic Coastal Plain, United States**
L. N. Plummer

**Evidence of the Growth Plate and the Growth of Long Bones in Juvenile Dinosaurs**
C. Barreto, R. M. Albrecht, D. E. Bjorling, J. R. Horner, N. J. Wilsman

**Mantle Plume Helium in Submarine Basalts from the Galápagos Platform**
D. W. Graham, D. M. Christie, K. S. Harpp, J. E. Lupton

**Crystal Structure of the Repetitive Segments of Specistrin**
Y. Yan, E. Winograd, A. Viel, T. Cronin, S. C. Harrison, D. Branton

**A Covalent Enzyme-Substrate Intermediate with Saccharide Distortion in a Mutant T4 Lysozyme**
R. Kuroki, L. H. Weaver, B. W. Matthews

**Chromosome Condensation in *Xenopus* Mitotic Extracts Without Histone H1**
K. Ohsumi, C. Katagiri, T. Kishimoto

**Role of U6 snRNA in 5' Splice Site Selection**
S. Kandsels-Lewis and B. Séraphin

**Connexin Mutations in X-Linked Charcot-Marie-Tooth Disease**

**Perceptual Organization and the Judgment of Brightness**
E. H. Adelson

**T Cell Activation Antigen, CD26, as a Cofactor for Entry of HIV in CD4+ Cells**
C. Callebaut, B. Krust, E. Jacquot, A. G. Hovanessian

**Distinct Roles for Cyclin-Dependent Kinases in Cell Cycle Control**
S. van den Heuvel and E. Harlow

**Receptive Field Reorganization in Dorsal Column Nuclei During Temporary Denervation**
M. J. Pettit and H. D. Schwark

**WT1-Mediated Growth Suppression of Wilms Tumor Cells Expressing a WT1 Splicing Variant**
D. A. Haber, S. Park, S. Maheshvaran, C. Englert, G. G. Re, D. J. Hazen-Martin, D. A. Sens, A. J. Garvin

**Peptide Translocation by Variants of the Transporter Associated with Antigen Processing**
M.-T. Heemels, T. N. M. Schumacher, K. Wonigeit, H. L. Ploegh

**Male Sexual Orientation and Genetic Evidence**

**Molecule of the Year**
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