

123 This Week in *Science*

Editorial

125 The Perfect Money Management System

Perspective

127 DNA Looping: R. Schleif

Letters

129 Judicial Impact Statements: J. W. CURLIN; B. H. GOLDSTEIN ■ Retirement Policy: M. B. SMITH ■ Stunned Sex Interviewers?: W. R. GAFFBY ■ La Différence?: R. FISCHER

News & Comment

133 The Scourge of Computer Viruses
135 Biowarfare Lab Faces Mounting Opposition
136 Designing Food by Engineering Animals
137 Mayor Seeks to Polish the "S" in Unesco
138 Severe Fire Devastates Soviet Science Library
139 Laser Team Leaves Stanford for Duke
140 *Briefing*: ■ A Soviet Human Genome Program? ■ Census Questions to Be Retained ■ Nobelists Endorse SSC ■ U.S., Japan Hammer Out Science Agreement ■ Mathematicians Say No to SDI Funding

Research News

141 The Race for the Cystic Fibrosis Gene ■ A Hypothesis That Works
145 Foreign Gene Transferred into Maize
146 New Superconductors Answer Some Questions

Articles

167 Biological Bases of Childhood Shyness: J. KAGAN, J. S. REZNICK, N. SNIDMAN
172 Studies of Synthetic Polymers by Nonradiative Energy Transfer: H. MORAWETZ
177 Cell and Environment Interactions in Tumor Microregions: The Multicell Spheroid Model: R. M. SUTHERLAND

Research Articles

185 Multiplex DNA Sequencing: G. M. CHURCH AND S. KEIFFER-HIGGINS

Reports

189 Dynamic Properties of Molecularly Thin Liquid Films: J. N. ISRAELACHVILI, P. M. MCGUIGGAN, A. M. HOMOLA
191 Tertiary Structure Is a Principal Determinant to Protein Deamidation: A. A. KOSSIAKOFF

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COVER A multicell spheroid human squamous cell carcinoma (top) which is used as an in vitro research model for intervascular microregions of larger, solid malignant tumors or for small tumors where vascularization may be just beginning (as shown at the bottom). Spheroid diameter is approximately 300 micrometers. See page 177. [University of Rochester Cancer Center: Harvey Carapella, art director; Shari E. Harwell, layout; Chris Santarose, airbrush artist; scanning electron microscopy in collaboration with David P. Penney and Nadia Kutylreff; vascular study in collaboration with H. A. Eddy]

- 194 Electric Field X-ray Scattering Measurements on Tobacco Mosaic Virus: M. H. J. KOCH, E. DORRINGTON, R. KLÄRING, A. M. MICHON, Z. SAYERS, R. MARQUET, C. HOUSSIER
- 196 Absence of TGF- β Receptors and Growth Inhibitory Responses in Retinoblastoma Cells: A. KIMCHI, X.-F. WANG, R. A. WEINBERG, S. CHEIFETZ, J. MASSAGUÉ
- 199 Genetic and Crystallographic Studies of the 3', 5'-Exonucleolytic Site of DNA Polymerase I: V. DERBYSHIRE, P. S. FREEMONT, M. R. SANDERSON, L. BEESE, J. M. FRIEDMAN, C. M. JOYCE, T. A. STEITZ
- 201 A Previously Undetected MHC Gene with an Unusual Periodic Structure: M. LÉVI-STRAUSS, M. C. CARROLL, M. STEINMETZ, T. MEO
- 204 Genetically Transformed Maize Plants from Protoplasts: C. A. RHODES, D. A. PIERCE, I. J. METTLER, D. MASCARENHAS, J. J. DETMER
- 207 Insecticidal Activity and Lectin Homology of Arcelin Seed Protein: T. C. OSBORN, D. C. ALEXANDER, S. S. M. SUN, C. CARDONA, F. A. BLISS
- 210 2-Aminopurine Selectively Inhibits the Induction of β -Interferon, *c-fos*, and *c-myc* Gene Expression: K. ZINN, A. KELLER, L.-A. WHITTEMORE, T. MANIATIS
- 213 Amiloride Selectively Blocks the Low Threshold (T) Calcium Channel: C.-M. TANG, F. PRESSER, M. MORAD
- 215 Maternally Inherited Transposon Excision in *Drosophila simulans*: G. J. BRYAN AND D. L. HARTL
- 217 Hawaiian Courtship Songs: Evolutionary Innovation in Communication Signals of *Drosophila*: R. R. HOY, A. HOIKKALA, K. KANESHIRO
- 219 Steroid Binding at σ Receptors Suggests a Link Between Endocrine, Nervous, and Immune Systems: T.-P. SÜ, E. D. LONDON, J. H. JAFFE

Technical Comments

- 222 Evidence of Lightning and Volcanic Activity on Venus: Pro and Con: F. L. SCARF AND C. T. RUSSELL; H. A. TAYLOR AND P. A. CLOUTIER

Book Reviews

- 227 Elites in Conflict, reviewed by R. V. BRUCE ■ Expanding Protons, F. ZACHARIASEN ■ Water Movement Through Lipid Bilayers, Pores, and Plasma Membranes, D. C. DAWSON ■ Developmental Genetics of Higher Organisms, P. W. STERNBERG ■ From Message to Mind, W. A. HARRIS ■ Books Received

Products & Materials

- 232 Dissolved Oxygen Probe ■ Chemical Structure Software ■ HPLC Multiple-Wavelength Detector ■ Scanning Electron Microscope ■ TLC Documentation ■ Behavioral Research Software ■ Literature

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240 (4849)

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