LETTERS
U.S.-Polish Exchanges: V. Rabinowitch; Human Rights in Central America:
J. H. Vandermeer et al.; Learning in the Womb: W. P. Smotherman; The
Origin of Maize: W. C. Galinat; P. C. Mangelsdorf; H. H. Ilits

EDITORIAL
Hemispheric Cooperation in Science

ARTICLES
Isolable Compounds Containing a Silicon-Silicon Double Bond: R. West
The Molecular Structure of a DNA-Triostin A Complex: A. H.-J. Wang et al.
Echinomycin Binding Sites on DNA: M. M. Van Dyke and P. B. Dervan

NEWS AND COMMENT
Crash Development of AIDS Test Nears Goal
Five Firms with the Right Stuff
Viruses Across the Sea
OSTP Seeks Advice on Export Controls
France Puts Diderot in the Limelight
Briefing: How to Succeed in Biomedical Research; Nam P. Suh Named to Head
NSF Engineering Program; Cohen-Boyer Patent Finally Issued

RESEARCH NEWS
Magnetic “Jerk” Gaining Wider Acceptance
The Intelligence of Organizations
High Spatial Resolution Ion Microprobe

BOOK REVIEWS
Alexander Fleming, reviewed by P. M. H. Mazumdar; Frank N. Meyer,
Hail Detection with a Differential Reflectivity Radar: V. N. Bringi, T. A. Seliga, K. Aydin .......................................................... 1145

Large Yearly Production of Phytoplankton in the Western Bering Strait: R. N. Sambrotto, J. J. Goering, C. P. McRoy .................................................. 1147


Magnetic Cristobalite (?): A Possible New Magnetic Phase Produced by the Thermal Decomposition of Nontronite: B. M. Moskowitz and R. B. Hargraves .............................................................................................................. 1152

Remote Acoustic Imaging of the Plume from a Submarine Spring in an Arctic Fjord: A. E. Hay .......................................................... 1154

Transformation of Binomial Input by the Postsynaptic Membrane at a Central Synapse: H. Korn and A. Mallet .................................................. 1157

Activation of a c-K-ras Oncogene by Somatic Mutation in Mouse Lymphomas Induced by Gamma Radiation: I. Guerrero et al. .......................................................................................................................... 1159

A Novel Nuclear Form of Estradiol Receptor in MCF-7 Human Breast Cancer Cells: A. Kasid et al. .................................................................................. 1162

Bimolane: Structure Determination Indicates Anticancer Activity Is Attributable to ICRF-154: N. Camerman, A. Hempel, A. Camerman .................................................................................................................. 1165

Cell Surface Changes Associated with Cellular Immune Reactions in Drosophila: A. J. Nappi and M. Silvers ........................................................................ 1166

Alzheimer’s Disease: Cell-Specific Pathology Isolates the Hippocampal Formation: B. T. Hyman et al. .................................................................................. 1168

Insulin-Mediated Regulation of Neuronal Maturation: D. G. Puro and E. Agardh .................................................................................. 1170

The Twitch in Horses: A Variant of Acupuncture: E. Lagerweij et al. .................................................................................................................. 1172


**COVER**

View down the c axis of the crystal lattice of a triostin A–DNA complex. The DNA complex fragments stack end-to-end to make the diagonal crisscross array. The empty spaces are solvvent-filled channels parallel to the c axis. See page 1115. [Alexander Rich, Massachusetts Institute of Technology, Cambridge, Massachusetts 02139]
Editor's Summary