NEWS & COMMENT

Choosing between mirror-image molecules

964

RESEARCH NEWS

Looking Glass Chemistry
Government Smiles on One-Handed Drugs
HIV Comes in Five Family Groups
Giving Personal Magnetism a Whole New Meaning
Hot Rumors, Blue Light, and Modern Art Shake Up Frisco
‘Transparent’ Proofs Help Solve Opaque Problems
Sightseeing at a Black Hole Gets Easier

PERSPECTIVES

Giant Magnetoresistance in Magnetic Layered and Granular Materials
P. M. Levy
Dendritic Spines: Convergence of Theory and Experiment
C. Koch, A. Zador, T. H. Brown

ARTICLES

Vibrational Modes and the Dynamic Solvent
Effect in Electron and Proton Transfer
P. F. Barbara, G. C. Walker, T. P. Smith
Energy Sources: A Realistic Outlook
C. Starr, M. F. Searl, S. Alpert
Airborne Studies of the Smoke from the Kuwait Oil Fires
P. V. Hobbs and L. F. Radke

RESEARCH ARTICLE

Site-Specific Modification of Pre-mRNA:
The 2'-Hydroxyl Groups at the Splice Sites
M. J. Moore and P. A. Sharp

DEPARTMENTS

THIS WEEK IN SCIENCE
A Major Generation Gap
943
945
949
962
975
955

AAAS Board of Directors

Leon M. Lederman
Reining President, Chairman
F. Sherwood Rowland
President
Eloise E. Clark
President-elect
Mary Ellen Avery
Robert A. Frosch

Florence P. Haseltine
Jeanne M. Shivers
Chang-Lin Tien
Warren M. Washington
William T. Golden
Richard S. Nicholson
Executive Officer

John Abeloff
Frederick W. Alt
Don L. Anderson
Stephen J. Benkovic
David E. Bloom
Floyd E. Bloom
Henry R. Bourne
James J. Bull
Kathryn Calame
C. Thomas Caskey
Dennis W. Choi
John M. Coffin
Bruce F. Gilman
Paul L. Englund
Richard G. Fairbanks
Douglas T. Fearon
Harry A. Fozdard
Victor R. Fuchs
Theodore H. Gebele
Margaret J. Geller
John C. Gerhart
Roger I. M. Glass
Stephen P. Gold
Corey S. Goodman
Stephen J. Gould
Ira Herskowitz
Eric F. Johnson
Stephen M. Kosslyn
Konrad B. Krauskopf
Michael Labarbera
Charles B. Leving
Harvey F. Lodish
Richard Losick

Anthony R. Means
Mortimer Mishkin
Roger A. Nicoll
William H. Orme-Johnson III
Stuart L. Pimm
Yehayau Pocker
Dennis A. Powers
Ralph S. Quatrano
V. Ramanathan
Erikku Ruoslahti
Ronald H. Schwartz

Terence J. Sejnowski
Thomas A. Steitz
Richard F. Thompson
Robert T. N. Tian
Emil R. Urenue
Geert J. Vermeij
Erik G. Vogelstein
Harold Weintraub
Zena Werb
George M. Whitesides
Owen N. Witte
Keith Yamamoto

Board of Reviewing Editors

Downloaded from http://science.sciencemag.org/ on April 20, 2017
Ceramic effigy from outside the Maya tomb of the Royal Scribe at Copán, Honduras, one of the artifacts depicted in Scribes, Warriors and Kings, reviewed on page 1062. In addition to views of what years of archeological inquiry tell us about the Maya, a two-century conspectus on developmental biology and critiques of the role of scientists in public affairs are among the features of this Book Issue. For a list of books reviewed in this issue, see page 1035. [Photograph: Kenneth Garrett]