NEWS

NASA Rethinks the Space Station 1228
Could These Cut-Rate Stations Be Contenders? Redesign Creates Consternation Abroad

NASA Researchers Eye Mir 1230
Oxford Rebels Protest Women's Status

Volcanoes May Warm Locally While Cooling Globally 1232
Ear Stones Speak Volumes to Fish Researchers
New Laser Serves Red Light, Straight Up 1234
New Tumor Suppressor Gene Captured
NCAR: Doing Quality Science in a 'Garage for Planes'
Favoritism Found in ARPA Funding 1237

AIDS: THE UNANSWERED QUESTIONS

SPECIAL NEWS REPORT
AIDS Research: The Mood Is 1253
Uncertain • Top Questions From the Survey • AIDS Conference in Berlin Offers Plenty of Hidden Gems • Four European Researchers

POLICY FORUM
Slowing the Spread of HIV: Agenda for the 1990s. M. H. Merson

PERSPECTIVES
Apoposis in AIDS. M.-L. Gougeon and L. Montagnier

REPORTS
Controlled Deposition, Soft Landing, and Glass Formation in Nanocluster-Surface Collisions. H.-P. Cheng and U. Landman


DEPARTMENTS

THIS WEEK IN SCIENCE 1217
EDITORIAL 1219
AIDS 1993: Unanswered Questions
LETTERS 1221
DNA Fingerprinting: The NRC Report: E. S. Lander • Directed Mutations: J. Cairns; R. E. Lenski and J. E. Mittler • Liver Stem Cells: S. Sell
SCIENCESCOPE 1227

AAAS Board of Directors
F. Sherwood Rowland
Retiring President
Chairman
Eliot E. Clark
President
Francisco J. Ayala
President-elect
Robert A. Frosh
Florence P. Haseltine
William A. Lester, Jr.

Alan Schriekein
Jeanne M. Shreeve
Chang-Lin Tien
Warren M. Washington
Nancy S. Wexler

William T. Golden
Treasurer
Richard S. Nicholson
Executive Officer

John Abelson
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. Eldridge
Paul T. Englund
Richard G. Fairbanks
Douglas T. Fearon
Harry A. Fozard
Vicente R. Fuchs
Theodore H. Gebelein
Margaret J. Geller
John C. Gerhart
Roger I. Glass

Stephen P. Goff
Corey S. Goodman
Stephen J. Gould
Ira Herskowitz
Eric F. Johnson
Stephen M. Kossod
Michael LaBarbera
Charles S. Levingis III
Harvey F. Lodish
Richard Losick
Anthony R. Means

PRODUCTS & MATERIALS 1363

Random Samples 1238
Inside AAAS 1349
Book Reviews 1353
The Environmental Movement in Germany, reviewed by J. Herf • Cuello, D. A. Freidel • Allergy and Immunity to Helminths, J. F. Williams • Fission-Track Dating, S. A. Kelley • Reprints of Books Previously Reviewed • Books Received • Vignettes

AAAS Board of Editors

Terrence J. Sajkowski
Thomas A. Steitz
Richard F. Thompson
Robert T. H. Tian
Emil R. Unraue
Geerat J. Vermeij
Bert Vogelstein
Harold Weintraub
Zena Werb
George M. Whitesides
Owen N. Witto
Keith Yamamoto
All of science is driven by unanswered questions, but in AIDS research 10 years after the discovery of the AIDS virus, there are many more questions than answers. In a special section beginning on page 1253, Science offers several different views of the most important questions in the field, from a survey of 150 AIDS investigators to provocative views from leading researchers. The only remaining question is: When will there be answers?

**ARTICLES**

Repression of MHC Class I Gene

Promoter Activity by Two-Exon Tat of HIV

T. K. Howcroft, K. Strebel, M. A. Martin, D. S. Singer

Protection Against Vaginal SIV

Transmission with Microencapsulated Vaccine


High Spontaneous Intrachromosomal Recombination Rates in Ataxia-Telangiectasia

M. S. Meyn

Regulation of the Ets-Related Transcription Factor Elf-1 by Binding to the Retinoblastoma Protein


Inactivation of the Type II Receptor Reveals Two Receptor Pathways for the Diverse TGF-β Activities

R.-H. Chen, R. Ebner, R. Derynck

Human Sos1: A Guanine Nucleotide Exchange Factor for Ras That Binds to GRB2


Cloning of Type I TGF-β Receptor and Its Effect on TGF-β Binding to the Type II Receptor


**POLYCRYSTALLINE CVD DIAMOND FILMS WITH HIGH ELECTRICAL MOBILITY**

M. A. Plano, M. I. Landstrass, L. S. Pan, S. Han, D. R. Kania, S. McWilliams, J. W. Ager III

**EXPERIMENTAL EVIDENCE FOR A NEW IRON PHASE AND IMPLICATIONS FOR EARTH’S CORE**

S. K. Saxena, G. Shen, P. Lazor

**NET EXCHANGE OF CO2 IN A MIDLATITUDE FOREST**


**IDENTIFICATION OF THE VON HIPPEL-LANDAU DISEASE TUMOR SUPPRESSOR GENE**

Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools**
Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/260/5112

**Permissions**
Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl

---

*Science* (print ISSN 0036-8075; online ISSN 1095-9203) is published weekly, except the last week in December, by the American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005. Copyright 2016 by the American Association for the Advancement of Science; all rights reserved. The title *Science* is a registered trademark of AAAS.