NEWS & COMMENT

Imanishi-Kari Case: ORI Finds Fraud 1468
Breast Cancer Gene: Many Mutations May Make Test Difficult 1470
Yale Arbovirus Team Heads South 1470
Magnetic Fusion Tops Limit at Princeton 1471
Large Plots Are Next Test for Transgenic Crop Safety 1472
Leo Esaki: An Outsider Brings a Culture Change to Tsukuba 1473

RESEARCH NEWS

Watching the Brain Remake Itself 1475
Obesity Gene Discovery May Help Solve Weighty Problem 1477
Coaxing Light From Single Atoms 1478
Element 110 Is Created, But Who Spotted It First? 1479
Contraceptive Methods Go Back to the Basics 1480

PERSPECTIVES

Can a Magnetic Field Induce Absolute Asymmetric Synthesis? 1491

REPORTS


NEWS

A Booster for Contraceptive Vaccines 1484
Searching for a Vaccine for Men 1485
Stopping Premature Births Before It's Too Late 1486
Barriers Hold Back New Contraception Strategies 1489

ARTICLES

Molecular Basis of Mammalian Sexual Determination: Activation of Müllerian Inhibiting Substance Gene Expression by SRY C. M. Haqq, C.-Y. King, E. Ukiyama, S. Falsafi, T. N. Haqq, P. K. Donahoe, M. A. Weiss

The Two Faces of Hedgehog M. Peifer

RESEARCH ARTICLE


PRODUCTS & MATERIALS

1593

DEPARTMENTS

THIS WEEK IN SCIENCE 1457
EDITORIAL 1459
LETTERS 1461
SCIENCESCOPE 1467
RANDOM SAMPLES 1482
BOOK REVIEWS 1589

DEPARTMENTAL

1528

Board of Reviewing Editors

Frederick W. Alt
Don L. Anderson
Michael Ashburner
Stephen J. Benkovic
David E. Bloom
Floyd E. Bloom
Piet Borst
Henry R. Bourne
Michael S. Brown
James J. Bull
Kathryn Calame
C. Thomas Caskey
Dennis W. Choi
John M. Coffin
F. Fleming Crim
Paul J. Crutzen
James E. Dahlberg
Robert Deomone
Bruce F. Eldridge
Paul T. Englund
Richard G. Fairbanks
Douglas T. Fearon
Harry A. Fozard
Klaus Friedrich
Theodore H. Geisbrecht
John C. Garhart
Roger I. M. Glass
Stephan P. Goff
Peter N. Goodfellow
Corey S. Goodman
Ira Herskowitz
Eric F. Johnson
Stephen M. Kosslyn
Michael LaBarbera
Nicole Le Douarin
Charles S. Levingstone III
Alexander Levitkin
Harvey F. Lodish
Richard Losick
Reinhard Lührmann
Diane Mathis
Anthony R. Means
Shigeo Nakamshi
Roger A. Nicoll
Stuart L. Piment
Yashuyu Pocker
Dennis A. Powers
Ralph S. Quatrano
V. Ramanathan
Douglas C. Rees
T. M. Rice
David C. Rubie
Erki Ruoslahti
Gotthfried Schatz
Josef Schell
Ronald H. Schwartz
Terrence J. Sejnowski
Ellen Solomon
Thomas A. Steitz
Michael P. Stryker
Robert T. N. Tjian
Emi L. Unanue
Geerat J. Vermeij
Bert Vogelstein
Harold Wientraub
Arthur Weiss
Zena Werb
George M. Whitesides
Owen N. Witte
William A. Wulf

Downloaded from http://science.sciencemag.org/ on April 14, 2017.
DNA Bending by Cro Protein in Specific and Nonspecific Complexes: Implications for Protein Site Recognition and Specificity
D. A. Erle, G. Yang, H. C. Schultz, C. Bustamante

Accumulation of HLA-DM, a Regulator of Antigen Presentation, in MHC Class II Compartments

Reconstitution of an Operational MHC Class II Compartment in Nonantigen-Presenting Cells
L. Karlsson, A. Pélèraux, R. Lindstedt, M. Liljedahl, P. A. Peterson

Reversion of the Mouse pink-eyed unstable Mutation Induced by Low Doses of X-rays
R. H. Schiestl, F. Khogali, N. Carls

Association of Insulin Receptor Substrate-1 with Integrins
K. Vuori and E. Ruoslahti

Exocytosis in Spermatozoa in Response to Progesterone and Zona Pellucida
E. R. S. Roldan, T. Murase, Q.-X. Shi

Stimulation and Inhibition of Angiogenesis by Placental Proliferin and Proliferin-Related Protein
D. Jackson, O. V. Volpert, N. Bouck, D. I. Linzer

SCIENCE (ISSN 0036-8075) is published weekly on Friday, except the last week in December, by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 484460) paid at Washington, DC, and additional mailing offices. Copyright © 1994 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): $92 ($50 allocated to subscription). Domestic institutional subscription (51 issues): $215. Foreign institutional subscription: $247. Foreign postage extra: Mexico, Caribbean (surface mail) $50; other countries (air assist delivery) $95. First class, airmail, student and emeritus rates on request. Canadian rates with GST available upon request, GST #1254 86122. Printed in the U.S.A.

Change of address: allow 6 weeks, giving old and new addresses and 11-digit account number. Postmaster: Send change of address to Science, P.O. Box 2033, Marion, OH 43305-2033. Single copy sales: $5.00 per issue prepaid includes surface postage. Guide to Biotechnology Products and Instruments, $20. Bulk rates on request. Authorization to photocopy material for internal or personal use under circumstances not falling within the fair use provisions of the Copyright Act is granted by AAAS to libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $1 per copy plus $0.10 per page is paid directly to CCC, 27 Congress Street, Salem, MA 01970. The identification code for Science is 0036-8075/94 $1 + .10. Science is indexed in the Reader's Guide to Periodical Literature and in several specialized indexes.
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/266/5190

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