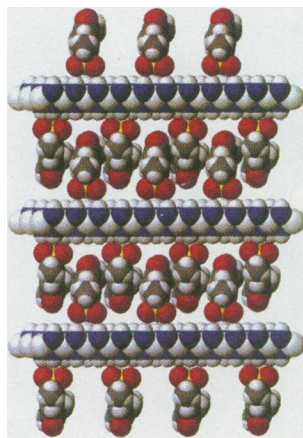
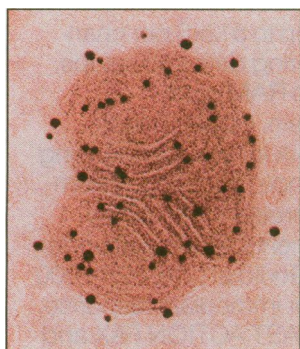


SCIENCE



1551

Organic images



1566 & 1569

DM Localization

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
L. D. Barron

REPRODUCTION: NEW DEVELOPMENTS

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 1494
C. M. Haqq, C.-Y. King, E. Ukiyama, S. Falsafi, T. N. Haqq, P. K. Donahoe, M. A. Weiss

- The Two Faces of Hedgehog 1492
M. Peifer

RESEARCH ARTICLE

- Autoproteolysis in *hedgehog* Protein Biogenesis 1528
J. J. Lee, S. C. Ekker, D. P. von Kessler, J. A. Porter, B. I. Sun, P. A. Beachy

REPORTS

- Scanning Tunneling Microscopy of Insulators and Biological Specimens Based on Lateral Conductivity of Ultrathin Water Films 1538
R. Guckenberger, M. Heim, G. Cevc, H. F. Knapp, W. Wiegräbe, A. Hillebrand

DEPARTMENTS

- THIS WEEK IN SCIENCE 1457
- EDITORIAL 1459
Insights into Reproduction
- LETTERS 1461
Fluorescent Tagging: B. Wattenburg • ESA's Planetary Program: F. W. Taylor • Fighting Antibiotic Resistance: M. Goldhaber • Women in Science: P. Kegel-Flom and C. J. Didion; S. P. Cole; D. Redfield; P. H. Blitzer and E. C. Blitzer • First Up and Out: W. E. Burrows
- SCIENCESCOPE 1467
- RANDOM SAMPLES 1482
- BOOK REVIEWS 1589
The Evolution of Theodosius Dobzhansky, reviewed by D. L. Hull • *Phyllotaxis*, T. J. Givnish • *Principles of Bioinorganic Chemistry*, R. H. Crabtree • Vignettes • Books Received
- PRODUCTS & MATERIALS 1593

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 Desimone
Bruce F. Eldridge
Paul T. Englund

Richard G. Fairbanks
Douglas T. Fearon
Harry A. Fozzard
Klaus Friedrich
Theodore H. Geballe
John C. Gerhart
Roger I. M. Glass
Stephen P. Goff
Peter N. Goodfellow
Corey S. Goodman

Ira Herskowitz
Eric F. Johnson
Stephen M. Kosslyn
Michael LaBarbera
Nicole Le Douarin
Charles S. LeVings III
Alexander Levitzki
Harvey F. Lodish
Richard Losick
Reinhard Lührmann

Diane Mathis
Anthony R. Means
Shigetada Nakanishi
Roger A. Nicoll
Stuart L. Pimm
Yeshayau Pocker
Dennis A. Powers
Ralph S. Quatrano
V. Ramanathan
Douglas C. Rees

T. M. Rice
David C. Rubie
Erkki Ruoslahti
Gottfried Schatz
Jozef Schell
Ronald H. Schwartz
Terrence J. Sejnowski
Ellen Solomon
Thomas A. Steitz
Michael P. Stryker

Robert T. N. Tjian
Emil R. Unanue
Geerat J. Vermeij
Bert Vogelstein
Harold Weintraub
Arthur Weiss
Zena Werb
George M. Whitesides
Owen N. Witte
William A. Wulf