NEWS & COMMENT

Alzheimer's Debate Boils Over 1336
Evidence (for and Against) β-Amyloid's Neurotoxicity

Hurricane Andrew: Research Destruction and Opportunity in Storm's Wake Not Enough to Save the Bay

Indirect Costs: GAO Lays Out Some Options

Court Orders PHS to Reveal Names

Online Journal Joins Forces With Lancet

RESEARCH NEWS

Can 'Hair Cells' Unlock Deafness? 1344

Using Genes to Track Down Indo-European Migrations

Crop Scientists Break Down Barriers at Ames Meeting

Chemistry Pitches Its Big Tent at Washington Gathering

PERSPECTIVES

Anyon's Superconduct, But Do Superconductors Have Anyons? 1354
S. M. Girvin

MAP Kinases: Charting the Regulatory Pathways 1355
S. L. Pelech and J. S. Sanghera

ARTICLES

Experiencing and Perceiving Visual Surfaces 1357
K. Nakayama and S. Shimojo

Detection of Hydrothermal Precursors to Large Northern California Earthquakes 1363
P. G. Silver and N. J. Valette-Silver

RESEARCH ARTICLE

Short-Lived Radioactivity and Magma Genesis 1368
J. Gill and M. Condomines

DEPARTMENTS

THIS WEEK IN SCIENCE 1325

EDITORIAL 1327
Regulation of Transgenic Plants
C. J. Arnsten

LETTERS 1329
Myoblast Transplantation: P. K. Law; T. E. Furlong; The Editors • Carcinogenicity of Butadiene: D. P. Rall; D. A. Dankovic, L. T. Stayner, R. J. Smith, A. J. Bailer; P. J. Landrigan; P. H. Abelson

SCIENCESCOPE 1335
Agent Orange hazards revisited, etc.

RANDOM SAMPLES 1342
Brain as a Renewable Resource • Tracking Elephants by Satellite • Engineer Makes Mayhem in Montreal • GAO Bashes SSC Cost and Schedule Claims, etc.

BOOK REVIEWS 1420
Prehistoric Cannibalism at Mancos 5MTUMR-2346, reviewed by P. Villa • The Genome of Drosophila melanogaster, W. M. Gelbart • Molecules of the Cytoskeleton, T. Stearns • An Introduction to Astrophysical Hydrodynamics, E. Vishniac • Books Received

PRODUCTS & MATERIALS 1425

AAAS Board of Directors

Board of Reviewing Editors

Donald N. Langenberg, Retiring President, Chairman
Leon M. Lederman President
F. Sherwood Rowland President-elect
Mary Ellen Avery Francisco J. Ayala Eugene H. Cota-Robles

Robert A. Froesch
Joseph G. Gavin, Jr.
Florence P. Haseltine
Jeanne M. Shreeve
Warren M. Washington
William T. Golden
Richard S. Nicholson
Executive Officer

John Abelson
Frederick Alt
Don L. Anderson
Stephen J. Benkovic
Gunter K. J. Blobel
Roy E. Bloom
Henry R. Bourne
James J. Bull
Kathryn Calame
Charles R. Cantor

Ralph J. Cicerone
John M. Coffin
Robert Dorfman
Bruce F. Ericksen
Paul T. Englund
Federic. S. Fay
Harry A. Fozzard
Theodore H. Goble
Roger I. M. Glass
Stephen J. Goff

Corey S. Goodman
Stephen J. Gould
Eric S. Johnson
Stephen M. Kassyn
Knaulski B. Krauskopf
Charles S. Leving's III
Richard Loesik
John C. McGriff
Anthony R.Means
Mortimer Mishkin

Roger A. Nicoll
William H.
Orme-Johnson III
Yeshayau Pocker
Dennis A. Powers
Erkki Ruusalahti
Thomas W. Schoener
Ronald H. Schwartz
Terrence J. Stempowski
Thomas A. Steitz

Robert T.N. Tjian
Emi R. Unanue
Geerat J. Vermeij
Bert Vogelstein
Harold Weintraub
Zena Werb
George M. Whitesides
Owen N. Witte
William B. Wood
Keith Yamamoto

1322

SCIENCE • VOL. 257 • 4 SEPTEMBER 1992