Biotech Finds a Growth Industry

AIDS Conference: Chemokines Share Center Stage With Drug Therapies

Shooting for the Moon With Drugs

1997 Budget: Congress Targets Fusion, Favors NIH

Electronic Publishing: APS Starts Electronic Preprint Service

German Research Budget: Less Money, But Much Needed Reform

Xenotransplants: IOM Backs Cautious Experimentation

Particle Physics: Upgraded LEP Bags First W Pairs

Giant Atoms Cast Long Shadow

Developmental Biology: Receptor for Vital Protein Finally Found

Plant Biochemistry: Mutant Alga Blurs Classic Picture of Photosynthesis

Galileo Finds Mysterious Magnetic Field at Ganymede

Materials Science: Throwing—or Molding—a Curve Into Nanofabrication

Atmospheric Dynamics on the Outer Planets

P. J. Gierasch

Cuprates Fall into a Gap

N. P. Ong

Mechanosensation and the DEG/ENaC Ion Channels

D. P. Corey and J. Garcia-Añoveros

Sex and Olfaction • Berkeley Chancellor Plans to Move On • Invulnerable Vole Found at Chernobyl • Making Molds for Plastic Antibodies • Harvard and China Probe Disease Genes • Kobe Earthquake Continues to Rattle Walls • “Sociobiology” to History’s Dustbin?

Creative Couples in the Sciences, reviewed by R. L. Sime • Genomic Imprinting, C. Sapienza • Vignettes • Books Received

William T. Golden Treasurer
Richard S. Nicholson Executive Officer

AAAS Board of Directors

Rita R. Colwell Retiring President, Chairman
Jane Lubchenco President
Mildred S. Dresselhaus President-elect
Sheila Jasanoff William A. Lester Jr.
Simon A. Levin Marcia C. Linn
Michael J. Novacek Anna C. Roosevelt
Jean E. Taylor Nancy S. Wexler

DEPARTMENTS

THIS WEEK IN SCIENCE

EDITORIAL

Roads Not Taken, Yet
R. Roy

LETTERS


SCIENCESCOPE

287

291

293

299

300

302

302

303

304

305

305

306

307

309

310

311

312

318

320

321

323

375

Random Samples

Sex and Olfaction • Berkeley Chancellor Plans to Move On • Invulnerable Vole Found at Chernobyl • Making Molds for Plastic Antibodies • Harvard and China Probe Disease Genes • Kobe Earthquake Continues to Rattle Walls • “Sociobiology” to History’s Dustbin?

BOOK REVIEWS

Creative Couples in the Sciences, reviewed by R. L. Sime • Genomic Imprinting, C. Sapienza • Vignettes • Books Received

PRODUCTS & MATERIALS

250, Foreign postage extra: Mexico, Caribbean (surface mail) $55; other countries (air assist delivery) $90. 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.
Endocytic compartment (~600 nanometers in diameter) of a human mononuclear phagocyte revealed by electron microscopy of thin cryosections. Major histocompatibility complex (MHC) class II molecules accumulate in these multilaminar compartments, which may be the major sites where endocytosed protein antigens are encountered. CD1b (smaller, black-stained dots), a non-MHC-encoded molecule that presents bacterial lipid antigens to T cells, also localizes to these compartments. See page 349. [Image: P. J. Peters, E. van Donselaar, M. Sugita, and S. A. Porcelli]