495 This Week in Science

Editorial

497 Jet-Powered Flight

Letters

500 Lead Control: H. L. Needleman; J. R. Pierce; G. Stöhler; Cancer Risk and Behavior Change: J. S. Ross; Electrochemical Sensor: Prior Concept: J. J. Hickman, D. Opfer, P. E. Laibinis, G. M. Whitesides, M. S. Wrighton; Birds Are Birds: M. H. Greenstone; Editors; Correction

ScienceScope

507 More evidence in the Gallo probe; getting tough on reproductive toxins; etc.

News & Comment

508 X-Ray Astronomy: The Unkindest Cut; Chipping at the Edges of AXAF's Territory
511 WHO AIDS Program: Moving on a New Track
512 Rockefeller's $20 Million Gift
513 NIH Grants: Better Late Than Never? Rescoping A Hubble Mainstay
514 Abortion Stirs the Neuroscience Gumbo

Research News

515 Lab of the Rising Microsuns
517 Genetics Survey Gains Momentum
518 Nobel Prizes '91: Physics: Untangling Spaghetti; Chemistry: A Certain Resonance; Economics: Transactional Analysis
520 Collagen: A New Probe Into Prehistoric Diet
521 On the Trail of the Errant T Cells of Multiple Sclerosis
522 Briefings: Treating AIDS With Worts; Genetic Bill Vetoed; Fish Research Stock in Jeopardy; Commuter Shuttle; Selling Shares in the SSC; Packard Fellowships; Mt. Wilson Staves off Interference; By Jove, It Works; Microbiologists Look at Biowarfare

Perspective

528 Of Genes and Genomes: D. M. Hillis and J. B. Bull

Articles

529 Control of Granulocytes and Macrophages: Molecular, Cellular, and Clinical Aspects: D. Metcalf

Research Article

539 X-ray Structure of the GCN4 Leucine Zipper, a Two-Stranded, Parallel Coiled Coil: E. K. O'Shea, J. D. Klemm, P. S. Kim, T. Alber

Reports

548 Clathrate Hydrate Formation in Amorphous Cometary Ice Analogs in Vacuo: D. Blake, L. Allamandola, S. Sandford, D. Hudgins, F. Freund

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551 U and Sr Isotopes in Ground Water and Calcite, Yucca Mountain, Nevada: Evidence Against Upwelling Water: J. S. STUCKLESS, Z. E. PETERMAN, D. R. MUHS

554 Gene Trees and the Origins of Inbred Strains of Mice: W. R. ATCHLEY and W. M. FITCH

558 Activation of Early Gene Expression in T Lymphocytes by Oct-1 and an Inducible Protein, OAP40: K. S. ULLMAN, W. M. FLANAGAN, C. A. EDWARDS, G. R. CRABTREE

562 Establishment of Cell Type by Compartmentalized Activation of a Transcription Factor: P. MARGOLIS, A. DRIKS, R. LOSICK


568 Phosphorylation of e-Src on Tyrosine 527 by Another Protein Tyrosine Kinase: J. E. THOMAS, P. SORIANO, J. S. BRUGGE


576 Cloning and Expression of a Cocaine-Sensitive Dopamine Transporter Complementary DNA: S. SHIMADA, S. KITAYAMA, C. -L. LIN, A. PATEL, E. NANTHAKUMAR, P. GREGOR, M. KUHAR, G. UHL

578 Cloning and Expression of a Cocaine-Sensitive Rat Dopamine Transporter: J. E. KILTY, D. LORANG, S. G. AMARA

579 Cloning of a Serotonin Transporter Affected by Antidepressants: B. J. HOFFMAN, E. MEZEY, M. J. BROWNSTEIN

581 Similarity of Protein G and Ubiquitin: P. J. KRAULIS; A. M. GRONENBORN and G. M. CLORE

584 AAAS Seminar Reaffirms Strong Bond Between German, U.S. Science Communities ■ Eyes on the Future ■ In Brief ■ AAAS Adopts New Resolution

588 A History of the International Chemical Industry, reviewed by A. S. TRAVIS ■ Japan's Software Factories, D. COLLIS ■ Acoustic Behavior of Insects, R. HOY ■ Infectious Diseases of Humans, S. TULJAPURKAR ■ Books Received

593 Mini Horizontal Electrophoresis Chamber ■ DNA Sequencing Template Kit ■ Pilot-Scale Chromatograph ■ Scientific Clip Art Software ■ Biosensor for Peripheral Tissue ■ Automated Carbohydrate Analysis ■ Tissue Homogenizer ■ Endotoxin Remover ■ Literature

Cover: Representation of the interaction of surfactant protein B (SP-B) with phospholipids in pulmonary surfactant. The hydrophilic domains of the protein (yellow squares) interact with the charges of the phospholipid polar head groups (circles), and the hydrophobic stretches of the protein (orange arches) interact with the acyl side chains of the phospholipids (vertical lines). These interactions provide the basis of pulmonary surfactant function in resisting surface tension and collapse of alveoli. See page 566. [Image from C. G. Cochrane and S. D. Revak]