NEWS & COMMENT

Pediatric AIDS Vaccine Trials Set NIH Panel Ok's Vaccine Test—in a New Form

Scripps Signs a Deal With Sandzow

French Officials Panic Over Rare Brain Disease Outbreak

Roche Gets Tough on Illicit Sales of PCR Reagent

NIH Takes New Tack on Gene Mapping

RESEARCH NEWS

Having It Both Ways in the Mantle

Quake Heightens Concern, Uncertainty

Surprising New Target Found for Anti-Ulcer Drugs

Gene Research Flowers in Arabidopsis

ARTICLE

Himalayan Tectonics, Weathering Processes, and the Strontium Isotope Record in Marine Limestones

J. M. Edmond

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Ancient Earthquake

Abrupt Uplift Within the Past 1700 Years at Southern Puget Sound, Washington

A Tsunami About 1000 Years Ago in Puget Sound, Washington

Paleoearthquakes in the Puget Sound Region Recorded in Sediments from Lake Washington, U.S.A.

Prehistoric Rock Avalanches in the Olympic Mountains, Washington

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1558, 1647 & 1654

Arabidopsis, the plant geneticists' favorite
The lamina propria of the rat duodenum, showing immune cells that unexpectedly express targets for anti-ulcer drugs. Plasmocytes that produce immunoglobulin G are shown in green, and cells that express M1 acetylcholine receptors are red; scattered immunoglobulin G–producing cells that also express M1 acetylcholine receptors are shown in yellow. See page 1662 and the News report on page 1579. [Photo: Ricardo Dreyfuss]

Terrestrial Carbon and Nitrogen Isotopic Ratios from Cretaceous-Tertiary Boundary Nanodiamonds

A High-Resolution Record of Holocene Climate Change in Speleothem Calcite from Cold Water Cave, Northeast Iowa

Direct Detection of C6H2 Photochemical Products: Possible Routes to Complex Hydrocarbons in Planetary Atmospheres
R. E. Bandy, C. Lakshminarayan, R. K. Frost, T. S. Zwier

Production and Initial Characterization of Bionites: Materials Formed on a Bacterial Backbone
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Charge Donor by Calcium into the t12 Band of Ca60
G. K. Wertheim, D. N. E. Buchanan, J. E. Rowe

Electronic, Magnetic, and Geometric Structure of Metallo-Carbohedrenes
B. V. Reddy, S. N. Khanna, P. Jena

Temperature and Size Variabilities of the Western Pacific Warm Pool
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EMF, an Arabidopsis Gene Required for Vegetative Shoot Development
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A Homoeotic Mutant of Arabidopsis thaliana with Leafy Cotyledons
D. W. Meinke

Overexpression of a Transporter Gene in a Multidrug-Resistant Human Lung Cancer Cell Line

Expression of an Inward-Rectifying Potassium Channel by the Arabidopsis KATI cDNA
D. P. Schachtman, J. I. Schroeder, W. J. Lucas, J. A. Anderson, R. F. Gaber

Thermal Stability Comparison of Purified Empty and Peptide-Filled Forms of a Class I MHC Molecule
M. L. Fahnestock, I. Tamir, L. Narhi, P. J. Bjorkman

Localization of Targets for Anti-Ulcer Drugs in Cells of the Immune System
E. Mezei and M. Palkovits

Solution Structure of the SH3 Domain of Src and Identification of Its Ligand-Binding Site

Behavioral Lifetime of Human Auditory Sensory Memory Predicted by Physiological Measures
Z.-L. Lu, S. J. Williamson, L. Kaufman

Cover

Structure of Src homology 3 (SH3) domain

1665

1592 & 1611–1623

Signs of a large paleoearthquake near Puget Sound

Indicates accompanying feature

This document is the full text of Science magazine's December 4, 1992 issue. It includes articles on the lamina propria of the rat duodenum, Terrestrial Carbon and Nitrogen Isotopic Ratios, and other scientific topics. The issue is known for its comprehensive range of scientific articles and is a valuable resource for educators and scientists.
Editor's Summary

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