This Week in Science

Balances in Science

Tropical Ecological and Biocultural Restoration: D. H. Janzen

Animals in the Lab: N. D. Barnard; J. F. Rodriguez-Sierra; R. W. Galvin
Coalition Architects: D. Albright, F. von Hippel

SDI: Testing the Limits
Texas Wins R&D Center
Famine Early Warning System Wins Its Spurs
Radon's Health Risks
French Mathematicians Push the Panic Button
Breast Cancer Study Vetoed
CDC Paints a Picture of HIV Infection in U.S.

NMDA Receptors Trigger Excitement
Coral Bleaching Remains Baffling
Cytokines Are Two-Edged Swords in Disease: Does Interleukin-1 Play a Role in Atherosclerosis? ■ TGF-β2 May Cause Immune Suppression in Glioblastoma Patients ■ Interleukin-1 May Contribute to Diabetes Development ■ Neurokinin Linked to Interleukin-1 and Arthritis
Linking Earth, Ocean, and Air at the AGU: Is a Climate Jump in Store for Earth? ■ Ocean Crust's Role in Making Seawater

Supercomputer Analysis of Sedimentary Basins: C. M. Bethke, W. J. Harrison, C. Upson, S. P. Altaner
Structural and Functional Roles of Glycosyl-Phosphatidylinositol in Membranes: M. G. Low and A. R. Satel
Photomicrograph taken under cathodoluminescent illumination of 30-micrometer-thick slice of limestone from Jurassic Smackover formation, east Texas at 3.2-kilometer depth. Calcite cements (bright yellow and dull orange) fill the pore spaces between round sand-sized ooids. Grain in center is about 0.5 millimeter in diameter. See page 261. [Photo courtesy of Stuart C. Williams, Exxon Production Research Co., Houston, TX 77001]

Reports

276 Bacterial Motility: Membrane Topology of the Escherichia coli MotB Protein: S. Y. Chun and J. S. Parkinson

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280 A General Method for the Chromosomal Amplification of Genes in Yeast: J. D. Boeke, H. Xu, G. R. Fink


285 The Primary Structure and Heterogeneity of Tau Protein from Mouse Brain: G. Lee, N. Cowan, M. Kirshner


290 Perivascular Microglial Cells of the CNS Are Bone Marrow–Derived and Present Antigen in Vivo: W. F. Hickey and H. Kimura


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