POLICY FORUM

The Definition of Misconduct in Science: A View from NSF
D. E. Buzzelli

NEWS

Supreme Court to Weigh Science
At Issue in the Benedict Case
Healy Stays, Fetal Tissue Ban Goes
Disease Gene Search Goes Big Science
MSU Officials Criticized for Mishandling Data Dispute
Project Sought Treatment for River Blindness
Pinatubo Global Cooling on Target
New Technique Offers a Window on Bacteria’s Secret Weapons
Biotechnology: Is Japan a Boon or a Burden to U.S. Industry’s Leadership?
Kohl Replaces Science Minister

DEPARTMENTS

THIS WEEK IN SCIENCE
EDITORIAL
Basic Research (II): Organization
LETTERS
Fossil Collecting and Government Regulation:

SCIENTISTCOPE

RANDOM SAMPLES
Volcano Claims Lives of Six Scientists • Japan, U.S. Join Electronic Forces, etc.

INSIDE AAAS

BOOK REVIEWS
America Calling, reviewed by G. Porter • High-Energy Radiation from Magnetized Neutron Stars, J. Daugherty • Pollen and Spore, M. G. Simpson

PRODUCTS & MATERIALS

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658 Magnetism beneath the surface
Natural quartz grains compressed as single crystals in a diamond-anvil cell and then decompressed to ambient conditions (large grain, ~120 micrometers long). The formation of amorphous phases (pink) at high pressure within the crystalline phase (blue and orange) indicates pressure-induced shear instability. Similar amorphous phases can be observed in silicates subjected to high-stress conditions in a wide range of geologic environments and may have a common, solid-state origin. See page 666; also see page 663. [Photomicrograph: Kathleen J. Kingma, with cross-polarized light]

REPORTS

Heliocentric Zoning of the Asteroid Belt by Aluminum-26 Heating
R. E. Grimm and H. Y. McSween, Jr.

Isotope Effect and Superconduction in Metal-Doped Cs0
C. C. Chen and C. M. Lieber

Element-Specific Magnetic Microscopy with Circularly Polarized X-rays

Reaction of a Tantalum Alkylidene Complex with Dinuclear Metal Carbylnals: Formation of C, Ligands
G. Proulx and R. G. Bergman

Shock Amorphization of Cristobalite
A. J. Grat, L. D. DeLoach, T. M. Clough, W. J. Nellis

Microstructural Observations of α-Qartz Amorphization
K. J. Kingma, C. Meade, R. J. Hemley, H.-k. Mao, D. R. Veblen

The Hydrolytic Water Molecule in Trypsin
Revealed by Time-Resolved Laue Crystallography
P. T. Singer, A. Smallas, R. P. Carey, W. F. Mangel, R. M. Sweet

Structure of the Regulatory Complex of Escherichia coli III with Glycerol Kinase

Patchiness and Correlations in DNA Sequences
S. Karlin and V. Brendel

The Skipping of Constitutive Exons in Vivo Induced by Nonsense Mutations
H. C. Dietz, D. Valle, C. A. Francomano, R. J. Kendtio, R. E. Fyrritz, G. R. Cutting

The Effect of Posttranslational Modifications on the Interaction of Ras2 with Adenyl Cyclase
Y. Kuroda, N. Suzuki, T. Kataoka

Selection of Bacterial Virulence Genes That Are Specifically Introduced in Host Tissues
M. J. Mahan, J. M. Slauch, J. J. Mekalanos

CNTF Protection of Oligodendrocytes Against Natural and Tumor Necrosis Factor-Induced Death
J.-C. Louis, E. Magal, S. Takayama, S. Varon

Inhibition of Neural crest Cell Attachment by Integrin Antisense Oligonucleotides
T. Lallier and M. Bronner-Fraser

TECHNICAL COMMENTS

A Truncated Erythropoietin Receptor and Cell Death
R. Schwall, Y. Nakamura and H. Nakauchi

692 Migration of neural crest cells onto fibronectin

Indicates accompanying feature

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575