NEWS & COMMENT

New Virus Reports Rile AIDS Meeting
Progress on Other Fronts

Human SIV Infections Suspected

Germany: Astrophysics Institute at Risk

Bad News on Second-Hand Smoke

Frustrated EMBL Chief Resigns

A Scramble for Data on Arctic Radioactive Dumping

An NSF Survey Rattles Some Nerves

RESEARCH NEWS

Trapping Particles of Darkness

A Match Made in Laser Heaven

The Earliest Mass Extinction?

Forcing the Evolution of an RNA Enzyme in the Test Tube

Adhesion Protein Studies Provide New Clue to Metastasis

SPECIAL NEWS REPORT

CONFLICTS OF INTEREST

Confusion on the Cutting Edge
Journal-istic Guidelines • Not Merely Academic

When Does Intellectual Passion Become Conflict of Interest?
Sex on the Brain • The Perils of a Deeply Held Point of View • Small Comets/Big Flap

NSF Deals With Conflicts Every Day

Intellectual Conflicts—Boon or Bust?

Conflicting Views: The Readers Respond

PERSPECTIVE

The Logic of Cell Division in the Life Cycle of Yeast
C. J. Gimeno and G. R. Fink

ARTICLE

Structural Processes at Slow-Spreading Ridges
J. C. Mutter and J. A. Karson
Coral skeleton of the genus *Favia*. Scleractinian corals secrete a hard skeleton composed of aragonite (CaCO₃), which incorporates strontium along with calcium in a ratio that depends on sea-surface temperature. Recent findings suggest that for corals of the genus *Porites* this dependence may be used to recover records of Pleistocene and Holocene sea-surface temperatures with an apparent accuracy of better than 0.5°C. See page 644. [Photomicrograph: J. W. Beck]
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