NEWS & COMMENT

An Industry-Friendly Science Policy 596
Government-Industry Collaboration: NIH Panel Rejects Pricing Clause 598
Molecular Medicine: One Less Hoop for Gene Therapy 599
Environmental Protection Agency: Browner to Beef Up Outside Research 599
DOE and Texas Settle SSC Claims 600

RESEARCH NEWS

Shoemaker-Levy Dazzles, Bewilders 601
The Comet Explodes by E-Mail 602
Neuroscience: To Sleep, Perchance to...Learn? New Studies Say Yes 603

From Bacteria: A New Weapon Against Fungal Infection 605
People of the Amazon Fight to Save the Flooded Forest 606
Cosmology: On the Track of Dark Matter in Mica 607

DEPARTMENTS

THIS WEEK IN SCIENCE 585
EDITORIAL 587
LETTERS 589

PERSPECTIVES

Totally Tubular 611
J. H. Weaver

Phage Assembly: A Paradigm for Bacterial Virulence Factor Export? 612
M. Russel

ARTICLES

Conserved Structures and Diversity of Functions of RNA-Binding Proteins 615
C. G. Burd and G. Dreyfuss

Arctic Ocean Gravity Field Derived From ERS-1 Satellite Altimetry 621
S. Laxon and D. McAdoo

RESEARCH ARTICLE

Spatial Organization and Time Dependence of Jupiter’s Tropospheric Temperatures, 1980–1993 625

621
Plate tectonics beneath the Arctic ice

587, 601 & 625
All eyes on Jupiter

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A hippocampal neuron (different colors represent different neurons) was active when a rat was located at the position of each cross on the dumbbell-shaped track. During the subsequent sleep period, the firing pattern of these neurons was re-expressed, and correlations between pairs of these neurons are represented by the red lines. The re-expression of firing patterns may contribute to the storage of memories. See Reports on pages 676 and 679 and News story on page 603. [Image: M. Wilson and B. McNaughton]
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