NEWS & COMMENT

Turning an Info-Glut Into a Library 20
Bottleneck Keeps Existing Vaccine Off the Market 22
India Scrambles to Distribute Vaccine 23
Euro-Russian Accord Begins With 30 Days of Solitude 24
Testing the Psychology of Would-Be Astronauts

cDNA Sequences: HGS Opens Its Databanks—For a Price 25
Europe's New X-ray Source Beams With Confidence 26
Grant Applications Pile Up at NIH 27

RESEARCH NEWS

Who Profits From Ecological Disaster? 28
Between Extinctions, Evolutionary Stasis 29
Solar Farms May Reap Gamma Rays 30
A Giant Licks Its Wounds 31
Chemists Clean Up Synthesis With One-Pot Reactions 32
Crafting a Cage for Cholesterol 34

POLICY FORUMS

The Role of Biomedical Research in Health Care Reform 49
M. W. Kirschner, E. Marincola, E. O. Teisberg

The Paradox of Critical Mass for Women in Science 51
H. Etkowitz, C. Kemelgor, M. Neuschatz, B. Uzi, J. Alonzo

PERSPECTIVES

Are Teflon “Ponytails” the Coming Fashion for Catalysts? 55
J. A. Gladysz

14-3-3: Modulators of Signaling Proteins? 56
D. Morrison

ARTICLE

Physical and Biological Controls on Carbon Cycling in the Equatorial Pacific 58
J. W. Murray, R. T. Barber, M. R. Roman, M. P. Bacon, R. A. Feely

RESEARCH ARTICLES

A Strong Candidate for the Breast and Ovarian Cancer Susceptibility Gene BRCA1 66
Y. Miki, J. Swensen, D. Shattuck-Eidens, P. A. Futreal, K. Harshman, S. Tavtigian, Q. Liu, C. Cochran, L. M. Bennett, W. Ding, R. Bell,
"Walking with the Ghosts of My Grandmothers" (1992), signature oil painting of artist Hollis Sigler's Breast Cancer Journal series. Through this series Sigler has tried to convey the emotional impact of a disease that affects one in nine women in the United States.

Cystic Fibrosis Heterozygote Resistance to
Cholera Toxin in the Cystic Fibrosis
Mouse Model

Two papers in this issue (see pages 66 and 120) report a major step forward in breast cancer research—the identification of the long-sought BRCA1 gene, a critical determinant of hereditary breast cancer. [Photo: Michael Tropea]