NEWS & COMMENT

Databasing the Brain 1872
Universities Discover That Simplicity Has Its Price 1874
UC Goes Where Harvard Feared to Tread 1875
Smoking and Health: Signs of Damage by Radicals 1875
Spain’s Ambitions in Biology Threatened by Funding Freeze 1876

RESEARCH NEWS

AIDS Vaccines: Is Older Better? 1880
Explaining Puzzling Vaccine Results
Pot, Heroin Unlock New Areas for Neuroscience 1882
Survival of the Fittest in 1992’s Physics and Astronomy Bestiary 1884
Researchers Swap Material Evidence in Boston 1886

DEPARTMENTS

THIS WEEK IN SCIENCE 1859
EDITORIAL
Molecule of the Year
MOLECULE OF THE YEAR 1862
LETTERS 1867
The Taste of Birds: Pitohui!: R. Wrangham; F. H. Pough
Ice Man: Victim of Prehistoric Schnapps?: G. B. McManus; H. Seidler
Research: R. K. Adair; K. Florig
Brain Tumor Treatment: Significant Contributions: R. M. Blaese, K. W. Culver, H. Ishi, E. H. Oldfield, Z. Ram, S. Wallbridge

PERSPECTIVES

The Gamma-Ray Cosmos 1894
E. L. Chupp
Frosted Flies 1896
M. Ashburner

ARTICLE

Biochemistry of Nitric Oxide and Its Redox-Activated Forms 1898
J. S. Stamler, D. J. Singel, J. L. Loscalzo

RESEARCH ARTICLES

Impaired Long-Term Potentiation, Spatial Learning, and Hippocampal Development in fyn Mutant Mice 1903
Selection of a Ribozyme That Functions as a Superior Template in a Self-Copying Reaction 1910
R. Green and J. W. Szostak

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1921 CO$_{2}$ sequestration during deglaciation

DEPARTMENTAL

RANDOM SAMPLES 1878
SDI Backs Down Over Reactor Interference
Getting Vaccinated for Breakfast
Review Demanded on Canadian Blood
Takeout Cold Fusion: Paleontology’s ‘Jurassic’ Windfall, etc.

INSIDE AAAS 1962
BOOK REVIEWS 1967
Innovation as a Social Process, reviewed by S. Usselman
Cannibalism, D. Mock
Perterbing the Organism, M. Dallman
Vignettes: Remembered Revelries
Books Received

1856 SCIENCE  Vol. 258  18 DECEMBER 1992

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Cultured human neurons, one of the targets of the potent signaling molecule nitric oxide (the NO of the cover). The diverse and important roles of NO are just beginning to be discovered; see the Editorial on page 1861 and the Molecule of the Year story on page 1862. [Photograph: Visuals Unlimited]
Editor's Summary

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