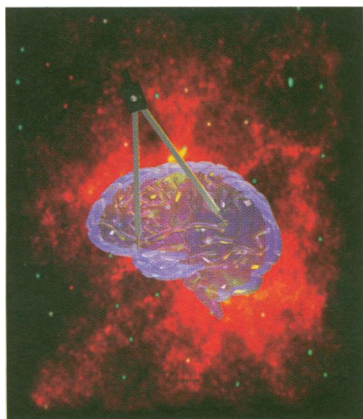


## 973 & 1051

New Alzheimer's test?



J. HUNTER-DOWNS

## 994

Neuroscience enters cyberspace

### NEWS & COMMENT

- Can Meta-Analysis Make Policy? **960**  
 Is the Vote Count Biased? **961**  
 The Power of Positive Thinking **962**
- White House Ponders Increase for DOE Labs **963**  
 Neutron Source Fights for Its Life **963**
- Plant Biotechnology: Lay U.K. Panel Savors Debate **964**
- Italian Universities: Corruption Scandal Reaches Academe **965**
- First Biotech Safety Rules Don't Deter Chinese Efforts **966**
- Peer Review in Cyberspace **967**

### RESEARCH NEWS

- Glia: The Brain's Other Cells **970**
- High-Energy Physics: Making the Stuff of the Early Universe **972**
- Possible New Test Found for Alzheimer's Disease **973**
- Finding the Most Distant Galaxies **974**
- Mapping Our Galactic Neighborhood **974**
- Second Thoughts About Shoemaker-Levy Impact **975**

### PERSPECTIVES

- On the Path to Computation with DNA **993**  
 D. K. Gifford

- Neuroscience on the Net **994**  
 P. T. Fox and J. L. Lancaster

- Conversion of L- to D-Amino Acids: A Posttranslational Reaction **996**  
 G. Kreil

### ARTICLES

- Simulations of Gas-Phase Chemical Reactions: Applications to  $S_N2$  Nucleophilic Substitution **998**  
 W. L. Hase
- Electrical Turbulence in Three-Dimensional Heart Muscle **1003**  
 A. T. Winfree

### RESEARCH ARTICLE

- Isolation of Components of the Chloroplast Protein Import Machinery **1007**  
 D. J. Schnell, F. Kessler, G. Blobel

### REPORTS

- Conducting Carbon Wires in Ordered, Nanometer-Sized Channels **1013**  
 C.-G. Wu and T. Bein
- Precipitation Hardening in the First Aerospace Aluminum Alloy: The Wright Flyer Crankcase **1015**  
 F. W. Gayle and M. Goodway
- Probing Individual Molecules with Confocal Fluorescence Microscopy **1018**  
 S. Nie, D. T. Chiu, R. N. Zare

### DEPARTMENTS

- |   |  |
|---|--|
| <b>THIS WEEK IN SCIENCE</b> <b>949</b>  | B. Terracini, E. Paci, C. Perucci, L. Tomatis  |
| <b>EDITORIAL</b> <b>951</b><br>Multidisciplinary Research   | <b>SCIENCESCOPE</b> <b>959</b>   |
| <b>LETTERS</b> <b>953</b><br>Fostering Young Investigators: L. J. Fochtmann; R. M. Caudle; B. J. Hardy and S. Orzack; J. S. Spratt; Steven Lehrer • Peer Review Study: K. S. Warren; J. Katz • NIH Research Collaboration: B. M. McGarey • Water Purification in Mexico: H. Brust-Carmona • Italy's Environment: P. Vineis, | <b>RANDOM SAMPLES</b> <b>968</b>   |
|   | <b>BOOK REVIEWS</b> <b>1085</b><br><i>Lysenko and the Tragedy of Soviet Science</i> , reviewed by K. Rossianov • <i>Developmental Biology of Ascidians</i> , D. Epel • Other Books of Interest • Vignettes |
|   | <b>PRODUCTS &amp; MATERIALS</b> <b>1095</b>  |

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A male long-tailed manakin. In this species alpha and beta males cooperate in dual-mate courtship displays, but only the alpha partner mates during the partnership, which may last for several years. Long-term field data and genetic analysis of relatedness were used to ex-

clude the two leading explanations for such cooperation—kin selection and reciprocity. Instead, the cooperation is a form of mutualism, with direct but long-delayed benefits to the nonmating beta males. See page 1030. [Photo: Richard LaVal]



**Molecular Computation of Solutions to Combinatorial Problems** 1021

L. M. Adleman

**Efficient Neutralization of Primary Isolates of HIV-1 by a Recombinant Human Monoclonal Antibody** 1024

D. R. Burton, J. Pyati, R. Koduri, S. J. Sharp, G. B. Thornton, P. W. H. I. Parren, L. S. W. Sawyer, R. M. Hendry, N. Dunlop, P. L. Nara *et al.*

**Crystal Structure of  $\beta$ -D-Cellobiose Hemihydrate with Implications for the Structure of Cellulose II** 1027

K. Gebler, N. Krauß, T. Steimer, C. Betzel, C. Sandmann, W. Saenger

**Cooperative Display and Relatedness Among Males in a Lek-Mating Bird** 1030

D. B. McDonald and W. K. Potts

**Molecular Maps of Red Cell Deformation: Hidden Elasticity and in Situ Connectivity** 1032

D. E. Discher, N. Mohandas, E. A. Evans

**Identification of Two GTP-Binding Proteins in the Chloroplast Protein Import Machinery** 1035

F. Kessler, G. Blobel, H. A. Patel, D. J. Schnell

**Prevention of T Cell Anergy by Signaling Through the  $\gamma_c$  Chain of the IL-2 Receptor** 1039

V. A. Boussiotis, D. L. Barber, T. Nakarai, G. J. Freeman, J. G. Gribben, G. M. Bernstein, A. D. D'Andrea, J. Ritz, L. M. Nadler

**Interaction of IL-2R $\beta$  and  $\gamma_c$  Chains with Jak1 and Jak3: Implications for XSCID and XCID** 1042

S. M. Russell, J. A. Johnston, M. Noguchi, M. Kawamura, C. M. Bacon, M. Friedmann, M. Berg, D. W. McVicar, B. A. Witthuhn, O. Silvennoinen *et al.*

**Functional Activation of Jak1 and Jak3 by Selective Association with IL-2 Receptor Subunits** 1045

T. Miyazaki, A. Kawahara, H. Fujii, Y. Nakagawa, Y. Minami, Z.-J. Liu, I. Oishi, O. Silvennoinen, B. A. Witthuhn, J. N. Ihle, T. Taniguchi

**Role of TCR  $\zeta$  Chain in T Cell Development and Selection** 1047

E. W. Shores, K. Huang, T. Tran, E. Lee, A. Grinberg, P. E. Love

**A Potential Noninvasive Neurobiological Test for Alzheimer's Disease** 1051

L. F. M. Scinto, K. R. Daffner, D. Dressler, B. I. Ransil, D. Rentz, S. Weintraub, M. Mesulam, H. Potter

**Coding of Visual Space by Premotor Neurons** 1054

M. S. A. Graziano, G. S. Yap, C. G. Gross

**Horizontal Propagation of Excitation in Rat Visual Cortical Slices Revealed by Optical Imaging** 1057

M. Tanifuji, T. Sugiyama, K. Murase

**A Molecular Determinant for Submillisecond Desensitization in Glutamate Receptors** 1059

J. Mosbacher, R. Schoepfer, H. Monyer, N. Burnashev, P. H. Seeburg, J. P. Ruppersberg

**GDNF: A Potent Survival Factor for Motoneurons Present in Peripheral Nerve and Muscle** 1062

C. E. Henderson, H. S. Phillips, R. A. Pollock, A. M. Davies, C. Lemuelle, M. Armanini, L. C. Simpson, B. Moffet, R. A. Vandlen, V. E. Koliatsos, A. Rosenthal

**Functional Consequences of Posttranslational Isomerization of Ser<sup>46</sup> in a Calcium Channel Toxin** 1065

S. D. Heck, C. J. Siok, K. J. Krapcho, P. R. Kelbaugh, P. F. Thadeio, M. J. Welch, R. D. Williams, A. H. Ganong, M. E. Kelly *et al.*

**Spermine and Spermidine as Gating Molecules for Inward Rectifier K<sup>+</sup> Channels** 1068

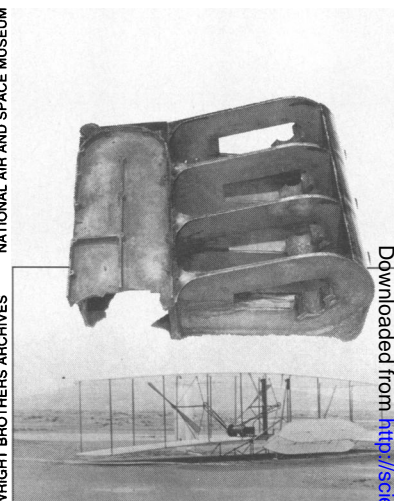
E. Ficker, M. Tagliatela, B. A. Wible, C. M. Henley, A. M. Brown

**TECHNICAL COMMENTS**

**Stellar Variability and Global Warming** 1072

R. R. Radick; P. Foukal

WRIGHT BROTHERS ARCHIVES NATIONAL AIR AND SPACE MUSEUM



**1015**

The case of the Wrights' engine



**1065**

Toxic configurations

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# Science

**266 (5187)**

*Science* **266** (5187), 949-1095.

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