This Week in Science

Editorial
1385 Biological Systems

Perspective
1386 Neural Transplantation: A Call for Patience Rather Than Patients: J. R. SLADEK, JR., AND I. SHOULSON

Letters
1389 Whistle-Blowing: C. W. McCUTCHEON; L. LOEvenGER ■ Chinese Diet Study: T. C. CAMPBELL ■ Etiology of AIDS: H. RUBIN

News & Comment
1395 AIDS Panels Converge on a Consensus
1396 Pentagon Boosts a Small Rocket
1397 Rift Valley Fever Rears Its Head
1399 U.S.—Soviet Science Pact Stalls
1400 Indirect Cost Surge Prompts New Worries
1401 IOM Names Committee to Study NIH Herbicide Refused for Coca Spraying
1402 Chernobyl Claims Another Victim
1403 Multiplying Genes by Leaps and Bounds
1404 Random Samples: Getting the Grants ■ Purdue Keeps Popping ■ Chix in Space ■ A Message from Alvarez

Research News
1403 In Search of Elusive Little Comets
1405 The Uncertain Perils of an Invisible Landscape ■ Journeys on a Selective Surface
1407 Losing AIDS Antibodies ■ Disappointing Brain Graft Results
1408 In Search of Elusive Little Comets
1411 Random Samples: Getting the Grants ■ Purdue Keeps Popping ■ Chix in Space ■ A Message from Alvarez

Articles
1427 Retroviruses: H. VARMUS
1428 Research on Bacteria in the Mainstream of Biology: B. MAGASANIK
1439 Yeast: An Experimental Organism for Modern Biology: D. BOTSTEIN AND G. R. FINK
1443 Xenopus laevis in Developmental and Molecular Biology: I. B. DAWID AND T. D. SARGENT
1448 The Nematode Caenorhabditis elegans: C. KENYON
1453 Drosophila melanogaster as an Experimental Organism: G. M. RUBIN
1460 Plants: Novel Developmental Processes: R. B. GOLDBERG
1468 Transgenic Animals: R. JAENISCH

Biological Systems
No single organism has a monopoly in science. This issue of Science focuses on the reasons why scientists choose to do their investigations in particular biological systems. See page 1427. [Cover design by Sharon Wolfgang, Washington, DC]
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools**
Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/240/4858

**Permissions**
Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl