R&D and the budget squeeze

Cells Suicide: By ICE, Not Fire

Solar Physicists Peer Into a Mysterious Furnace

Another Way to Light a Fire

Evolutionary Biology: Will Molecular Data Set the Stage for a Synthesis?

A New Portrait of Venus: Thick-Skinned and Deceptively Why So Dry, Venus?

Protein-DNA Recognition: New Perspectives and Underlying Themes

Population Policy Options in the Developing World

Coupling of Local Folding to Site-Specific Binding of Proteins to DNA

Holding together

R&D Budget: Growth in Hard Times

Foundations: Hughes to Add 49 New Investigators

National Science Foundation: Researchers Sue to Get Reviewer Names

Academy Warns Against Slipping Ethics

Genetic Engineering: Safety Concerns Halt U.K. Study

National Labs Under Review, Again

SSC Aftermath: Physicists Struggle for Consensus About the Future

The Message From CERN: Help Wanted

Chernobyl Explosion: Inside Look Confirms More Radiation

Gloomy Picture for Photo Astronomers

Methane Increase Put on Pause

Science Policy: U.S. Research Forum Fails to Find a Common Front

NIH Neural Transplantation Funding: H. Widner

Alloimmunization to Prevent AIDS?: D. D. Kiprov, H. W. Sheppard, C. V. Hanson

Astronomy: Of Fundamental Value: M. E. Bailey

THE Golem, reviewed by U. Segerstråle • Flora of North America, R. Ornduff • Bacterial Conjugation, J. A. Shapiro • Dyslexia and Development, G. W. Hynd • Vignettes • Books Received

John Abelson
Frederick W. Alt
Don L. Anderson
Michael Ashburner
Stephen J. Benkovic
David E. Bloom
Floyd E. Bloom
Piet Borst
Michael S. Brown
Henry R. Bourne
James J. Bull
Kathryn Calame
C. Thomas Caskey
Dennis W. Choi
John M. Coffin
Paul J. Crutzen
Robert Desmonde
Nicole Le Dourain
Bruce F. Eldridge
Paul T. Englund
Richard G. Fairbanks
Douglas T. Fearon
Harry A. Fozzard
K. Friedrich
Theodore H. Geballe
Margaret J. Geller
John C. Gerhart
Roger J. M. Glass
Stephen P. Goff
Peter N. GoodFellow
Corey S. Goodman
Stephen J. Gould
Ira Herskowitz
Eric F. Johnson
Stephen M. Kosslyn
Michael LaBarbara
Charles S. Levings, III
Alexander Levitzki
Harvey F. Lodish
Richard Losick
Diane Mathis
Anthony R. Means
Shigetada Nakanishi
Roger A. Nicoll
William H. Orme
Johnson III
Stuart L. Pimm
Yeshayau Pocker
Dennis A. Powers
Ralph S. Quatrano
V. Ramanathan
Douglas C. Rees
T. M. Rice
Erkki Ruoslahi
David C. Rubie
Gottfried Schatz
Jofel Schell
Ronald H. Schwartz
Terrence J. Sejnowski
Ellen Solomon
Thomas A. Steitz
Michael P. Striker
Richard F. Thompson
Robert T. N. Tjian
Emil R. Ulanue
Geerat J. Vermeij
Bert Vogelstein
Harold Weintraub
Zeno Werb
George M. Whitesides
Owen N. Witte
William A. Wulf
Keith Yamamoto

Board of Reviewing Editors

730
Gene expression in living cells is often difficult to detect because of limited access of substrates to marker enzymes. Here gene expression in specific neurons of the nematode Caenorhabditis elegans is monitored by the bright green fluorescence of the green fluorescent protein (GFP) from the jellyfish Aequorea victoria. The GFP fills entire neurons, including in one neuron an extended, fanned growth cone visible in the tail end (upper portion) of the nematode. See page 802. [Photo: Martin Chalfie]

Gene expression, Green Fluorescent Protein as a Marker

Transcriptional Activation Modulated by Homopolymeric Glutamine and Proline Stretches

Promoter-Selective Transcriptional Defect in Cell Cycle Mutant ts13 Rescued by hTAFn1250

Mapping the Lectin-Like Activity of Tumor Necrosis Factor

Mesodermal Patterning by a Gradient of the Vertebrate Homeobox Gene goosecoid

Neuronal Activity During Different Behaviors in Aplysia: A Distributed Organization?

In Vivo Ca2+ Dynamics in a Cricket

Prevention of Vertebrate Neuronal Death by the crmA Gene

SCIENCE (ISSN 0036-8075) is published weekly on Friday, except the last week in December, by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 464460) paid at Washington, DC, and additional mailing offices. Copyright © 1994 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription ($1 issues): $92 ($50 allocated to subscription). Domestic institutional subscription ($1 issues): $215. Foreign postage extra: Mexico, Caribbean (surface mail) $50; other countries (air assist-delivery) $95. First class, airmail, student, and emeritus rates on request. Canadian rates with GST available upon request, GST #125489122. Change of address: allow 6 weeks. Giving old and new addresses and 11-digit account number. Postmaster: Send change of address to Science, P.O. Box 2003, Marion, OH 43305-2003. Single copy sales: $6.00 per issue prepaid includes surface postage. Guide to Biotechnology Products and Instruments, $20. Bulk rates on request. Authorization to photocopy material for internal or personal use under circumstances not falling within the fair use provisions of the Copyright Act is granted by AAAS to libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $1 per copy plus $0.10 per page is paid directly to CCC, 22 Congress Street, Salem, MA 01970. The identification code for Science is 0036-8075/83 $1 + .10. Science is indexed in the Reader’s Guide to Periodical Literature and in several specialized indexes.