NEWS

Clinton Moves to Manage Science

Treating Arthritis With Tolerance

Is the Third Time a Charm for a Superconducting Computer?

In Sink-or-Swim Environment, Physicists Retrain to Survive

SPECIAL NEWS REPORT

Conflicting Agendas Shape NIH Study Sections: Does a Superb System Need a Tune-Up?

DEPARTMENTS

THIS WEEK IN SCIENCE

EDITORIAL

The Career of Scientific Exploration

LETTERS


RANDOM SAMPLES

BOOK REVIEWS

Chimpanzee Material Culture, reviewed by E. Visalberghi • Fifty Years of Personality Psychology, D. J. Ozer • Hemispheric Asymmetry, J. L. Bradshaw • Vortex Dynamics, N. J. Zabusky • Principles of Physical Cosmology, R. G. Carlberg • Vignette: Mid-Career Angst • Books Received

INSIDE AAAS

PRODUCTS & MATERIALS

PERSPECTIVES

Potassium Selectivity in Proteins: Oxygen Cage or π in the Face? C. Miller

Trying on a New Pair of SH2s M. Montminy

ARTICLE


RESEARCH ARTICLE

Crystal Structure of a Five-Finger GLI-DNA Complex: New Perspectives on Zinc Fingers N. P. Pavletich and C. O. Pabo

REPORTS

A Mechanism for Ion Selectivity in Potassium Channels: Computational Studies of Cation-π Interactions R. A. Kumpf and D. A. Dougherty

Board of Reviewing Editors

Distribution of APETALA3 RNA (red) in young flowers of the leafy-5 mutant of Arabidopsis. The expression of APETALA3, which determines the identity of floral organs, is nearly normal in leafy-5 and apetala1-1 single mutants. In contrast, very little APETALA3 RNA can be detected in plants that carry both the leafy-5 and apetala1-1 mutations, which indicates that LEAFY and APETALA1 have overlapping roles in activating floral homeotic genes. See page 1723. [Photo: Detlef Weigel]
Science 261 (5129), 1657-1813.