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?
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]

Unusual Radar Echoes from the Greenland Ice Sheet 1710
E. J. Rignot, S. J. Ostro, J. J. van Zyl, K. C. Jezik

Evidence for a Low Surface Temperature on Pluto from Millimeter-Wave Thermal Emission Measurements 1713
S. A. Stern, D. A. Weintraub, M. C. Festou

The Origin of the Turtle Body Plan: Bridging a Famous Morphological Gap 1716
M. S. Y. Lee

Laser 40Ar/39Ar Evaluation of Slow Cooling and Episodic Loss of 40Ar from a Sample of Polymetamorphic Muscovite 1721
W. E. Hames and K. V. Hodges

Activation of Floral Homeotic Genes in Arabidopsis 1723
D. Weigel and E. M. Meyerowitz

Effects of Oral Administration of Type II Collagen on Rheumatoid Arthritis 1727

Tyrosine Phosphorylation of DNA Binding Proteins by Multiple Cytokines 1730

Induction by EGF and Interferon-γ of Tyrosine Phosphorylated DNA Binding Proteins in Mouse Liver Nuclei 1733
S. Ruff-Jamison, K. Chen, S. Cohen

Ras-Independent Growth Factor Signaling by Transcription Factor Tyrosine Phosphorylation 1736

A Common Nuclear Signal Transduction Pathway Activated by Growth Factor and Cytokine Receptors 1739
H. B. Sadowski, K. Shuai, J. E. Darnell Jr., M. Z. Gilman

A Single Phosphotyrosine Residue of Stat91 Required for Gene Activation by Interferon-γ 1744

Careers '93: A Survival Guide 1765

CAREERS '93: A SURVIVAL GUIDE 1765

Foreign Nationals Change the Face of U.S. Science • Surprises! Foreigners Can Get Jobs in Japan • Researching the Japanese Job Market • Opportunities in Europe Away From the U.S. Rat Race • CERN: A Mecca for U.S. Physicists • Doctor-Doctors Growing Demand for M.D.s • Molecular Medicine: A Calling for the Dual Degree • Pharmaceuticals: Good Opportunities in Small Packages • Chemists at Work • New Life Ahead for Social Sciences • Anthropology: Nature-Culture Battle-ground • Cognitive Neuroscience: A World With a Future • How Much Money Is Your Ph.D. Worth? • Succeeding in Science: Some Rules of Thumb

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.

ARTICLE TOOLS  http://science.sciencemag.org/content/261/5129

PERMISSIONS  http://www.sciencemag.org/help/reprints-and-permissions