DEPARTMENTS

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1583, 1621 & 1668
Developmental pathways and cancer

1586
Did Neandertals Lose an Evolutionary "Arms" Race?

1589
Galileo Suggests Deep Roots to Jupiter's Fierce Winds

1590
Distant Universe: Precocious Structures Found

RESEARCH ARTICLES

Structural Analysis of Substrate Binding by the Molecular Chaperone Dnak

X. Zhu, X. Zhao, W. F. Burkholder, A. Gragerov, C. M. Ogata, M. E. Gottesman, W. A. Hendrickson

ISSN 0036-8075
14 JUNE 1996
VOLUME 272
NUMBER 5268

Jane
Mildred
Dusty

1568
1626
Dusty plasmas

1594
BOOK REVIEWS

The End of Science, reviewed by D. L. Goodstein • Color and Light in Nature, B. E. Schaefer • Science in the Making

1591
RANDOM SAMPLES

1575
SCIENCESCOPE

1567
EDITORIAL

Science Policy in Japan
H. Hayashida

1569
LETTERS

Respect for the RAC: E. Parens • Exhilarating Editorial: V. J. LiCata; C. Clark; N. Landau; W. C. Dewey • Nesting Dinosaur: A. Feduccia, L. D. Martin, J. E. Simmons • Benefit-Cost Analysis and the Environmen:

1561
THIS WEEK IN SCIENCE

1596
PERSPECTIVES

Nonequilibrium Structures in Condensed Systems
A. S. Mikhailov and G. Ertl

1597
Polar Clouds and Sulfate Aerosols
M. A. Tolbert

1598
Bacteria Also Vote
D. Kaiser

1599
Molybdenum Bolsters the Bioinorganic Brigade
E. I. Stiefel

1576
DOE Labs: Is Evolution Enough?
Small Labs Make Big Targets

1578
Ariane Failure Casts Shadow Over ESA's Science Program

1579
IVF Project Stirs Debate Over How to Preserve Pandas

1580
Civil War Leaves Once-Proud Georgian Science in Tatters
Observatory Fades Away in Splendid Isolation

1582
RESEARCH NEWS

Gene Linked to Commonest Cancer
Ice Bubbles Confirm Big Chill
Simple Mice Test Antibody Complexity

1583
1584
1585
1586
1587

1592
PRODUCTS & MATERIALS

1675

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The Drosophila wing imaginal disc (~300 micrometers wide) is divided into two populations of cells: those expressing the signaling protein Hedgehog (Hh) (posterior, stained red) and those responsive to Hh (to the left). The zinc-finger protein Cubitus interruptus in anterior cells (stained green) maintains this difference between the populations by preventing the production of, and conferring competence to, the Hh signal. See page 1621 and the related report (page 1668) and News story (page 1583).

[Image: M. Dominguez, M. Brunner, E. Hafen, and K. Basler]
Editor's Summary

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