

EDITORIAL

- 855 Translational Careers
N. Andrews et al.

NEWS OF THE WEEK

- 864 Stimulus Spending Looms Large as Obama Charts a Course for Science
>> Science Podcast
- 864 Navigating Treacherous Waters
- 867 Stimulus Funding Elicits a Tidal Wave of 'Challenge Grants'
- 867 From the *Science* Policy Blog
- 868 Newsmaker Interview: Texas Transplant Alfred Gilman Guides \$3 Billion Cancer Project
- 869 Austria's Possible CERN Withdrawal Rattles Physicists
- 869 From *Science's* Online Daily News Site
- 870 Flu Researchers Train Sights on Novel Tricks of Novel H1N1
- 871 Swine Flu Names Evolving Faster Than Swine Flu Itself

NEWS FOCUS

- 872 'Vengeance' Bites Back at Jared Diamond
- 875 Carbon Sheets an Atom Thick Give Rise to Graphene Dreams
Relativistic Physics in the Lab
- 878 Two Missions Go in Search of A Watery Lunar Bonanza

LETTERS

- 880 Politics Still in Play
L. S. Thompson
Invest in Postdocs
K. G. Hoff
Mining the Data on Coal
M. Lardelli
Conference Covered Climate from All Angles
M. Hulme et al.

BOOKS ET AL.

- 883 Animal Spirits
G. A. Akerlof and R. J. Shiller,
reviewed by M. Baddeley
- 884 Browsings

POLICY FORUM

- 885 The Cholera Crisis in Africa
S. Bhattacharya et al.

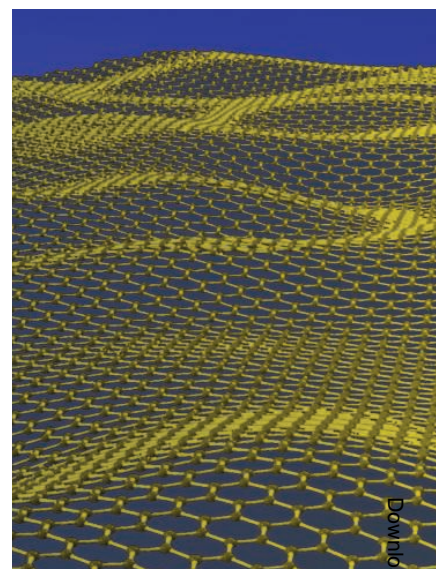
PERSPECTIVES

- 886 Seasons and Life Cycles
H. Steltzer and E. Post
>> Perspective p. 887
- 887 Phenology Feedbacks on Climate Change
J. Peñuelas et al.
>> Perspective p. 886
- 888 Ice Sheet Stability and Sea Level
E. R. Ivins
>> Research Article p. 901
- 890 Ovulation Signals
R. Duggavathi and B. D. Murphy
>> Report p. 938
- 891 Photovoltaics Power Up
R. M. Swanson
- 892 Two Beams Squeeze Feature Sizes in Optical Lithography
J. W. Perry
>> Reports pp. 910, 913, and 917
- 893 Crossing the Line
T. Kidd
>> Report p. 944

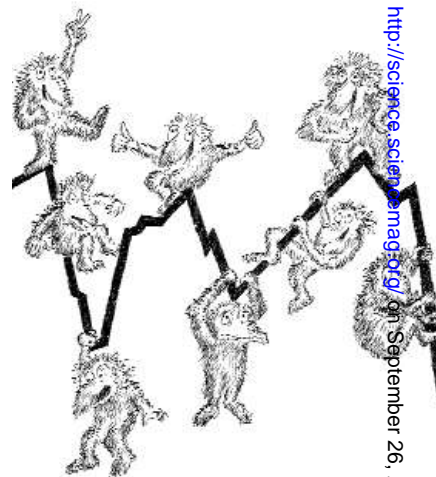
REVIEW

- 895 The Tail of Integrins, Talin, and Kindlins
M. Moser et al.

CONTENTS continued >>



page 875



page 883

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COVER

Shaded perspective view of a surface topography of the West Antarctic Ice Sheet looking toward the Filchner-Ronne Ice Shelf and Antarctic Peninsula at the upper left. Floating ice shelves at the surface are in gray; the grounded ice sheet is shaded green to blue with increasing elevation. The topography was used to determine the volume of ice above sea level, as described on page 901.

Image: David Vaughan, British Antarctic Survey

DEPARTMENTS

- 851 This Week in *Science*
- 857 Editors' Choice
- 860 *Science* Staff
- 863 Random Samples
- 959 New Products
- 960 *Science* Careers

BREVIA

- 900** A Key Role for Similarity in Vicarious Reward
D. Mobbs et al.
A functional magnetic resonance imaging study reveals the interactions within the brain that modulate feelings of reward on seeing a similar person win a contest.
>> *Science Podcast*

RESEARCH ARTICLES

- 901** Reassessment of the Potential Sea-Level Rise from a Collapse of the West Antarctic Ice Sheet
J. L. Bamber et al.
A collapse of the West Antarctic Ice Sheet would raise global sea level by 3.2 meters, but with large regional variations.
>> *Perspective p. 888; Science Podcast*
- 904** Input-Specific Spine Entry of Soma-Derived Vesl-15 Protein Conforms to Synaptic Tagging
D. Okada et al.
The protein Vesl-15 fulfills the synaptic tagging hypothesis for the maintenance of input-specific action of neuronal networks.

REPORTS

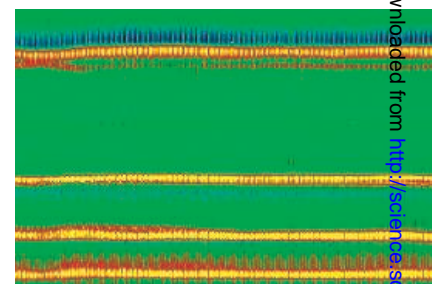
- 910** Achieving $\lambda/20$ Resolution by One-Color Initiation and Deactivation of Polymerization
L. Li et al.
Polymerization activated by a pulsed light beam was halted by a continuous beam of the same color in a surrounding halo.
>> *Perspective p. 892*
- 913** Two-Color Single-Photon Photoinitiation and Photoinhibition for Subdiffraction Photolithography
T. F. Scott et al.
Polymerization activated by a beam of light was halted by inhibitors generated by a surrounding halo of a different color.
>> *Perspective p. 892*
- 917** Confining Light to Deep Subwavelength Dimensions to Enable Optical Nanopatterning
T. L. Andrew et al.
Molecules that photoisomerize and change in transparency are used to define narrow features on photoresists.
>> *Perspective p. 892*
- 921** Size and Shape of Saturn's Moon Titan
H. A. Zebker et al.
Titan's poles lie at lower elevations than the equator, perhaps explaining its high-latitude hydrocarbon lakes.
- 924** Observing the Quantization of Zero Mass Carriers in Graphene
D. L. Miller et al.
Scanning tunneling microscopy on graphene reveals non-equally spaced Landau energy levels induced by a magnetic field.

- 927** Direct Detection of Abortive RNA Transcripts in Vivo
S. R. Goldman et al.
RNA polymerase engages in abortive transcription in bacteria, a process that may help to regulate gene expression.
- 929** The Nuclear DNA Base 5-Hydroxymethylcytosine Is Present in Purkinje Neurons and the Brain
S. Kriaucionis and N. Heintz
The genome of mammals contains appreciable amounts of a previously undescribed modified DNA base.
- 930** Conversion of 5-Methylcytosine to 5-Hydroxymethylcytosine in Mammalian DNA by MLL Partner TET1
M. Tahiliani et al.
Methylated C bases, an important epigenetic mark in genomic DNA, can be enzymically converted to 5-hydroxymethylcytosine.
- 935** A Functional Role for Transposases in a Large Eukaryotic Genome
M. Nowacki et al.
The ciliate *Oxytricha* uses transposase genes to influence thousands of DNA rearrangements required for proper development.
- 938** MAPK3/1 (ERK1/2) in Ovarian Granulosa Cells Are Essential for Female Fertility
H.-Y. Fan et al.
Targeted disruption of the kinases derails the molecular events that mediate induction of female reproductive development.
>> *Perspective p. 890*
- 941** Cell Movements at Hensen's Node Establish Left/Right Asymmetric Gene Expression in the Chick
J. Gros et al.
Asymmetric gene expression is passively set up in the early chick embryo by cell rearrangements.
- 944** A Frazzled/DCC-Dependent Transcriptional Switch Regulates Midline Axon Guidance
L. Yang et al.
A single receptor in *Drosophila* is involved in two molecular strategies that coordinate axon guidance.
>> *Perspective p. 893*
- 948** Fictive Reward Signals in the Anterior Cingulate Cortex
B. Y. Hayden et al.
Single neurons in the monkey cingulate cortex respond to fictive and experienced outcomes in the same way.
- 951** Extinction-Reconsolidation Boundaries: Key to Persistent Attenuation of Fear Memories
M.-H. Monfils et al.
Behavioral manipulations can reverse a learned fearful association in rats.

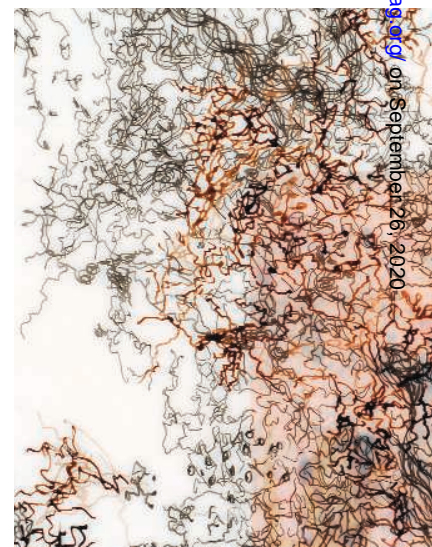
CONTENTS continued >>



pages 890 & 938



page 924



page 951

SCIENCEONLINE

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Synapse- and Stimulus-Specific Local Translation During Long-Term Neuronal Plasticity

D. O. Wang et al.

Live-cell microscopy reveals local translation during long-term facilitation of *Aplysia* sensory-motor synapses.
10.1126/science.1173205

Diversity and Complexity in DNA Recognition by Transcription Factors

G. Badis et al.

A broad survey of transcription factors reveals that related proteins can have multiple and differing DNA binding specificities.
10.1126/science.1162327

A Vital Role For Interleukin-21 in the Control of a Chronic Viral Infection

J. S. Yi et al.

The cytokine interleukin-21 has a profound impact on virus-specific T cell responses to chronic infections in mice.
10.1126/science.1175194

Determining the Dynamics of Entanglement

O. Jiménez Fariás et al.

The evolution of quantum mechanically entangled photon pairs can now be measured as they interact with their environment.
10.1126/science.1171544

Pd-Pt Bimetallic Nanodendrites with High Activity for Oxygen Reduction

B. Lim et al.

The catalytic activity of platinum is enhanced through a growth process that creates nanocrystals with high surface area.
10.1126/science.1170377

Pandemic Potential of a Strain of Influenza A (H1N1): Early Findings

C. Fraser et al.

An international collaborative effort has analyzed the initial dynamics of the swine flu outbreak.
10.1126/science.1176062

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Highlights From Our Daily News Coverage

Neutron Stars: Billions of Times Stronger Than Steel

A neutron star's surface is so dense it might shake up spacetime.

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Study of homicidal tribe shows aggressive warriors have less reproductive success.

Sun's Behavior Flummoxes Solar Scientists

New prediction pushes back timing and intensity of solar activity, but not everyone is on board.

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RESEARCH ARTICLE: TRPM1 Forms Ion Channels Associated with Melanin Content in Melanocytes

E. Oancea et al.

Newly identified TRPM1 isoforms that mediate current are highly conserved, present intracellularly, and associated with melanin content.

PERSPECTIVE: The Quest for Long-Distance Signals in Plant Systemic Immunity

J. E. Parker

Infected plant tissues generate diffusible signals that prime defenses in the rest of the plant.

PERSPECTIVE: The Yin and Yang of Synaptic Active Zone Assembly

S. J. Sigrist

An antagonist of two protein-protein interactions required for synapse formation has been identified in *C. elegans*.

PRESENTATION: Integrative Analysis of Genome-Wide RNA Interference Screens

J. D. Berndt et al.

By integrating RNAi screens with protein-protein interaction data, drug-protein interaction data, or disease-genotype data, researchers can focus their efforts on the best hits.

GLOSSARY

Find out what CoA, PAO, and WW mean in the world of cell signaling.

E-LETTER: Paradigm Shift

J. S. Torday and V. K. Rehan

Torday and Rehan discuss the recent *Science Signaling* editorial by Sears.

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Traversing the Bridge Years

S. Brass

Bridging clinical training and a research career requires careful, strategic thinking.

>> *Editorial p. 855*

Tooling Up: Six Classic Lines of Bull

D. Jensen

Some of the things you hear during a job search are about as silly as a bad pickup line.

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