## EDITORIAL

1263 Failure of Skin-Deep Learning
*Bruce Alberts*

## NEWS OF THE WEEK

1268 A roundup of the week's top stories

## NEWS & ANALYSIS

1270 Final Report on Stapel Also Blames Field As a Whole

1271 Proposed H5N1 Research Reviews Raise Concerns

1272 Peering Inside the Moon to Read Its Earliest History
>> Science *Express Reports by M. T. Zuber* et al., *M. A. Wieczorek* et al., *and J. C. Andrews-Hanna* et al.; Science *Podcast*

1273 River Basin Management Plan Secures Water for the Environment

1274 White House Panel Urges Agencies to Take More Risks

1275 India Barred Entry to U.S. Author of Seismic Review

## NEWS FOCUS

1276 Growing Pains in the Desert

1282 All Eyes on RNA

## LETTERS

1285 Voles, Vasopressin, and the Ethics of Framing
*D. J. McKaughan and K. C. Elliott*

Disease Prevention: Data Integration
*V. J. H. Powell and A. Acharya*

Risk Communication on Shaky Ground
*M. Sirota and M. Juanchich*

1287 CORRECTIONS AND CLARIFICATIONS

## BOOKS *ET AL.*

1289 Some Suggestions from 2012—The SB&F Prizes Finalists
>> Science *Podcast*

1293 Finalists for the Royal Society's Young People's Book Prize

## POLICY FORUM

1296 U.S. Regulation of Stem Cells as Medical Products
*D. Sipp and L. Turner*

## PERSPECTIVES

1298 Putting a Greenhouse Gas to Work
*G. Haufe*
>> *Report p. 1324*

1299 Redder Than Red
*T. P. Sakmar*
>> *Report p. 1340*

1300 Atomic Layer Electrodeposition
*J. A. Switzer*
>> *Report p. 1327*

1301 The Utility of Mouse Models in Post-GWAS Research
*A. Lewis and I. Tomlinson*
>> *Report p. 1360*

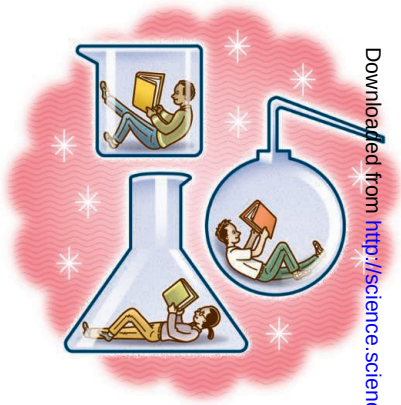
1303 Inflammation to Rebuild a Brain
*N. Stella*
>> *Report p. 1353*

1304 Platelets Kill the Parasite Within
*C. R. Engwerda and M. F. Good*
>> *Report p. 1348*

1305 Global Decline in Large Old Trees
*D. B. Lindenmayer* et al.

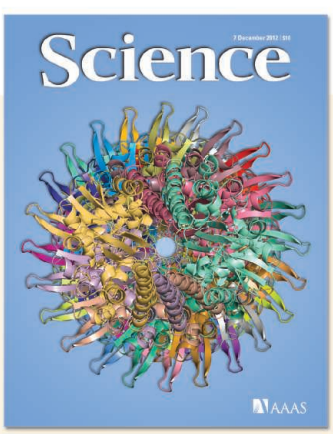

CONTENTS continued >>

page 1276



page 1289






## COVER

End-on view of the atomic model of the bacterial actinlike ParM protein double-helical filament, generated from an electron microscopic reconstruction. A bipolar spindle of antiparallel ParM filaments pushes plasmids to the cell poles, constituting the simplest known apparatus for the segregation of genetic information. The loops on the outside of the 8- to 9-nanometer-thick filaments are involved in spindle formation. See page 1334.

***Image: Jan Löwe***

## DEPARTMENTS


1259 This Week in *Science*
1264 Editors' Choice
1266 *Science* Staff
1369 New Products
1370 *Science* Careers

## BREVIA

1307 Drought in Africa Caused Delayed Arrival of European Songbirds
*A. P. Tøttrup* et al.
A severe drought in the Horn of Africa delayed the spring arrival in Europe of two migratory species.

## RESEARCH ARTICLE

1308 Crystal Structure of the Calcium Release–Activated Calcium Channel Orai
*X. Hou* et al.
The unusual architecture of this ion-channel pore regulates the flow of calcium into cells.

## REPORTS

1314 Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations
*H. J. Pletsch* et al.
A computer-intensive search revealed gamma-ray pulsations from an exotic binary star system in data from the Fermi Telescope.

1317 Mapping Local Charge Recombination Heterogeneity by Multidimensional Nanospectroscopic Imaging
*W. Bao* et al.
A near-field optical probe designed to maximize its own signal enhancement can be used to image nonmetallic samples.

1321 Robust Photogeneration of $H_2$ in Water Using Semiconductor Nanocrystals and a Nickel Catalyst
*Z. Han* et al.
A photoreduction system combining nanoparticulate light absorbers with a soluble molecular catalyst proves stable for weeks.

1324 Taming of Fluoroform: Direct Nucleophilic Trifluoromethylation of Si, B, S, and C Centers
*G. K. S. Prakash* et al.
Proper choice of base and solvent renders fluoroform a useful reagent to introduce trifluoromethyl groups into a range of compounds.
>> *Perspective p. 1298*

1327 Self-Terminating Growth of Platinum Films by Electrochemical Deposition
*Y. Liu* et al.
Control over the presence of adsorbed hydrogen enables rapid sequential deposition of metal monolayers from aqueous solution.
>> *Perspective p. 1300*

1330 Phase Transformations and Metallization of Magnesium Oxide at High Pressure and Temperature
*R. S. McWilliams* et al.
Mantle minerals conductive at the high pressures and temperatures of planetary interiors could induce a magnetic field.

1334 A Bipolar Spindle of Antiparallel ParM Filaments Drives Bacterial Plasmid Segregation
*P. Gayathri* et al.
A bipolar spindle, formed by antiparallel actinlike filaments, pushes sister plasmids apart.

1337 Kinetic Responses of β-Catenin Specify the Sites of Wnt Control
*A. R. Hernández* et al.
Reducing the rate of phosphorylation of β-catenin leads to an increase in the steady-state level of the unmodified form.

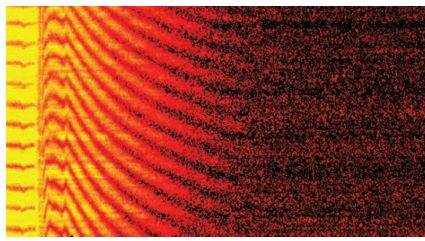
1340 Tuning the Electronic Absorption of Protein-Embedded All-*trans*-Retinal
*W. Wang* et al.
Opsin-based light absorption was tuned over a 200-nanometer range by rationally engineering retinol-binding protein.
>> *Perspective p. 1299*

1344 Identity and Function of a Large Gene Network Underlying Mutagenic Repair of DNA Breaks
*A. A. M. Al Mamun* et al.
The complete set of proteins required for a mutagenic DNA-repair pathway is defined in *Escherichia coli*.

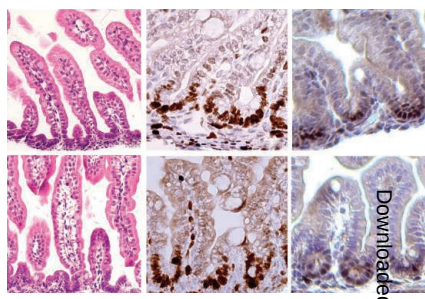
1348 Platelet Factor 4 and Duffy Antigen Required for Platelet Killing of *Plasmodium falciparum*
*B. J. McMorran* et al.
Interaction of a platelet protein and a red cell protein enables platelets to attack malarial parasites inside red cells.
>> *Perspective p. 1304*

1352 Developmental Progression to Infectivity in *Trypanosoma brucei* Triggered by an RNA-Binding Protein
*N. G. Kolev* et al.
The developmental stages of the sleeping sickness parasite can now be observed without the tsetse fly.
>> Science *Podcast*

1353 Acute Inflammation Initiates the Regenerative Response in the Adult Zebrafish Brain
*N. Kyritsis* et al.
An inflammatory response to traumatic injury promotes neurogenesis and repair in the zebrafish brain.
>> *Perspective p. 1303*



page 1330



pages 1301 & 1360

1357 Sexually Dimorphic BDNF Signaling Directs Sensory Innervation of the Mammary Gland
*Y. Liu* et al.
Androgen-driven changes in receptor expression disrupt a neuronal signaling pathway and de-innervation.

1360 Mice Lacking a *Myc* Enhancer That Includes Human SNP rs6983267 Are Resistant to Intestinal Tumors
*I. K. Sur* et al.
A human genetic variant, identified in genome-wide association studies as increasing cancer risk, alters tumorigenesis in mice.
>> *Perspective p. 1301*

1363 Evolution of an MCM Complex in Flies That Promotes Meiotic Crossovers by Blocking BLM Helicase
*K. P. Kohl* et al.
Minichromosome maintenance proteins have been co-opted to make meiotic recombination safe in flies.

CONTENTS continued >>

# ONLINE**HIGHLIGHTS**

## *SCIENCE*XPRESS

www.sciencexpress.org

Publication Ahead of Print

Gravity Field of the Moon from the Gravity Recovery and Interior Laboratory (GRAIL) Mission
*M. T. Zuber* et al.
10.1126/science.1231507

The Crust of the Moon as Seen by GRAIL
*M. A. Wieczorek* et al.
10.1126/science.1231530

Ancient Igneous Intrusions and Early Expansion of the Moon Revealed by GRAIL Gravity Gradiometry
*J. C. Andrews-Hanna* et al.
10.1126/science.1231753
*>> News story p. 1272*

Neural Basis of a Pollinator's Buffet: Olfactory Specialization and Learning in *Manduca sexta*
*J. A. Riffell* et al.
10.1126/science.1225483

Suppression of Oxidative Stress by β-Hydroxybutyrate, an Endogenous Histone Deacetylase Inhibitor
*T. Shimazu* et al.
10.1126/science.1227166

JNK Expression by Macrophages Promotes Obesity-Induced Insulin Resistance and Inflammation
*M. S. Han* et al.
10.1126/science.1227568

Germline DNA Demethylation Dynamics and Imprint Erasure Through 5-Hydroxymethylcytosine
*J. A. Hackett* et al.
10.1126/science.1229277

## *SCIENCE*NOW

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The First Signs of Ancient Life on Mars?
The Curiosity rover has detected organic matter, but it may never have been alive.
http://scim.ag/Life-Mars

Why Old People Get Scammed
The anterior insula may make us less suspicious as we age.
http://scim.ag/Brain_Region

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Intense emotions are easier to read in the body than in the face.
http://scim.ag/Intense_Emotions

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**4 December issue: http://scim.ag/ss120412**

RESEARCH ARTICLE: RNF4-Dependent Hybrid SUMO-Ubiquitin Chains Are Signals for RAP80 and Thereby Mediate the Recruitment of BRCA1 to Sites of DNA Damage
*C. M. Guzzo* et al.
DNA repair proteins find sites of damage marked by hybrid SUMO-ubiquitin chains.

RESEARCH ARTICLE: G Protein–Coupled Receptor–Mediated Activation of p110β by Gβγ Is Required for Cellular Transformation and Invasiveness
*H. A. Dbouk* et al.
Loss of the phosphatase PTPN22 enhances the functions of both effector and regulatory T cells.

PERSPECTIVE: Cdc42 Oscillations in Yeasts
*F. O. Bendezú and S. G. Martin*
Oscillations in the localization of active Cdc42 govern polarized cell growth in yeasts.

PRESENTATION: SCF-Mediated Degradation of p100 (NF-κB2): Mechanisms and Relevance in Multiple Myeloma
*L. Busino* et al.
Degradation of an inhibitor of noncanonical NF-κB signaling promotes cell survival.

## *SCIENCE*TRANSLATIONAL MEDICINE

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**5 December issue: http://scim.ag/stm120512**

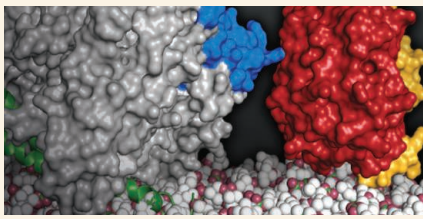
FOCUS: The Goldilocks Effect
*M. Boothby and C. L. Williams*

RESEARCH ARTICLE: Overexpression of Methyl-CpG Binding Protein 2 Impairs $T_H1$ Responses
*T. Yang* et al.
MECP2 gene duplication causes immune dysregulation by suppressing IFN-γ production from T helper cells.

FOCUS: Creating a Space for Innovative Device Development
*M. McMurry-Heath and M. A. Hamburg*
The FDA announces a nonprofit partnership to advance regulatory science for medical technology development.

RESEARCH ARTICLE: α-Synuclein–Induced Down-Regulation of Nurr1 Disrupts GDNF Signaling in Nigral Dopamine Neurons
*M. Decressac* et al.
Nurr1 mediates protection of dopamine neurons by GDNF in response to α-synuclein–mediated toxicity.

RESEARCH ARTICLE: Decreased Tonic Inhibition in Cerebellar Granule Cells Causes Motor Dysfunction in a Mouse Model of Angelman Syndrome
*K. Egawa* et al.
Ube3a deficiency causes decreased cerebellar tonic inhibition by preventing degradation of GAT1 in Angelman syndrome.



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## *SCIENCE*CAREERS

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Getting Back Your Mojo
*M. Price*
Psychologists share tips for figuring out what is sapping your enthusiasm—and how to get it back.

Taken for Granted: How Not to Attract Minorities to STEM
*B. L. Benderly*
Research shows that large admissions preferences stymie studies in science and technical subjects.

myIDP: What Do You Care About?
*B. Lindstaedt* et al.
Analyzing and prioritizing your deeply held values are crucial steps in choosing a scientific career.

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