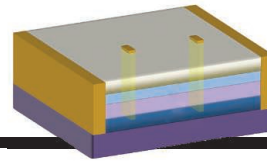


CONTENTS



509 & 542

Signatures of a Griffiths singularity

30 OCTOBER 2015 • VOLUME 350 • ISSUE 6260



496

Explaining the cloud forest's role in Neotropical biodiversity

NEWS

IN BRIEF

488 Roundup of the week's news

IN DEPTH

490 EUROPE'S MARS ROVER TO TARGET ANCIENT WETLAND

Deep-drilling ExoMars mission will probe long-buried clay formation for signs of life *By D. Clerly*

491 LIFELONG MEMORIES MAY RESIDE IN NETS AROUND BRAIN CELLS

Studies suggest key role for perineuronal networks of proteins and sugars in long-term memory *By E. Underwood*

492 HOW SOME OF THE WORLD'S BIGGEST DINOSAURS GOT THAT WAY

Fresh data reveal titanosaur growth stages, from egg to adult *By M. Balter*

493 PROPOSED STUDY WOULD CLOSELY TRACK 10,000 NEW YORKERS

Twenty-year household surveillance project aims to gather data first, produce hypotheses later *By K. Servick*

494 MYSTERIOUS ANTARCTIC LAKE WILL REMAIN OUT OF REACH

Cash-strapped Russian expedition curtails drilling plans as it sets out for the southern continent *By C. Gramling*

495 CRISIS MANAGER WITH 194 BOSSES

WHO Director-General Margaret Chan wants member countries to put their money where their mouths are *By K. Kupferschmidt*

FEATURES

496 CRADLE OF LIFE

Did a biblical-scale flood—or the rise of the Andes—give the Amazon its amazing biodiversity? *By L. Wade*

► PODCAST; VIDEOS

INSIGHTS

BOOKS ET AL.

502 2014 NEBULA AWARD

504 2015 HUGO AWARD

PERSPECTIVES

506 PINCHED TOPOGRAPHY INITIATES THE CRITICAL ZONE

Geophysical imaging provides a clearer picture of how rock turns into soil *By R. S. Anderson*

► REPORT P. 534

507 A UNIFIED INITIATIVE TO HARNESS EARTH'S MICROBIOMES

Transition from description to causality and engineering *By A. P. Alivisatos et al.*

509 RANDOMNESS RULES

Disorder can have dramatic effects on quantum transitions *By N. Markovic*

► REPORT P. 542

510 NEUROTRANSMITTER-TAILORED DENDRITIC TREES

GABA is both transmitter and morphogen, stimulating neuronal branching in the brain *By N. C. Spitzer*

► REPORT P. 554

511 VISUALIZING TRANS-INFECTION

Systemic spread of a virus starts with multiple modes of transmission in the lymph node *By T. J. Hope*

► REPORT P. 563

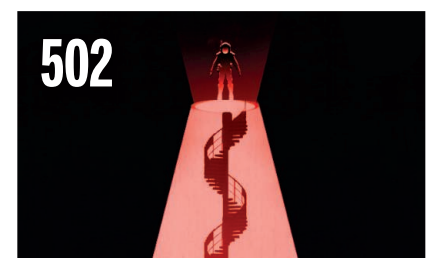
512 FROM THE LAB TO THE REAL WORLD

Laboratory experiments provide precise quantitative predictions of peer effects in the field *By G. Charness and E. Fehr*

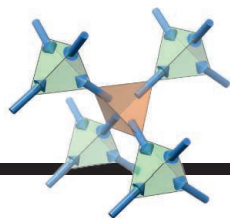
► REPORT P. 545

514 SYNTHETIC IMMUNOBIOLOGY BOOSTS THE IQ OF T CELLS

Engineered chimeric antigen receptors show promise *By M. C. Jensen*

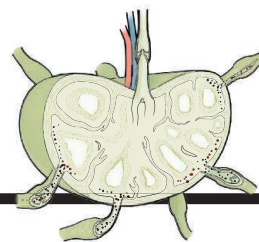


Science Staff	486
AAAS News & Notes	520
New Products	572
Science Careers	573



538

A view of magnetic domain walls



511 & 563

Retroviral dissemination in lymph nodes

515 A WINDOW INTO APE EVOLUTION

A fossil of an ape ancestor helps to explain gibbon evolution *By B. R. Benefit and M. L. McCrossin*

► RESEARCH ARTICLE P. 528

517 ERIC DAVIDSON (1937-2015)

A developmental biologist uncovered the structure and evolution of gene regulatory networks *By D. H. Erwin*

LETTERS

518 HUNTED CARNIVORES AT OUTSIZED RISK

By M. Krofel et al.

518 OUTSIDE THE TOWER: REPAINTING CITIZEN SCIENCE

By M. Bonnefond et al.

519 POLICIES UNDERMINE BRAZIL'S GHG GOALS

By R. Rajão and B. Soares-Filho

519 TECHINICAL COMMENT ABSTRACTS

DEPARTMENTS

487 EDITORIAL

Zero tolerance. Period.
By Bernard Wood

594 WORKING LIFE

Going where the science matters
By Stephen T. Jackson

RESEARCH

IN BRIEF

524 From *Science* and other journals

REVIEW

527 RISK ASSESSMENT

The realities of risk-cost-benefit analysis *B. Fischhoff*

REVIEW SUMMARY; FOR FULL TEXT:

dx.doi.org/10.1126/science.aaa6516



RESEARCH ARTICLES

528 PRIMATE EVOLUTION

Miocene small-bodied ape from Eurasia sheds light on hominoid evolution *D. M. Alba et al.*

RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:
dx.doi.org/10.1126/science.aab2625

► PERSPECTIVE P. 515

529 STRUCTURAL BIOLOGY

Structure of *Tetrahymena* telomerase reveals previously unknown subunits, functions, and interactions *J. Jiang et al.*

RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:
dx.doi.org/10.1126/science.aab4070

530 BATTERIES

Cycling Li-O₂ batteries via LiOH formation and decomposition *T. Liu et al.*

REPORTS

534 GEOMORPHOLOGY

Geophysical imaging reveals topographic stress control of bedrock weathering *J. St. Clair et al.*

► PERSPECTIVE P. 506

538 MAGNETISM

Mobile metallic domain walls in an all-in-all-out magnetic insulator *E. Y. Ma et al.*

542 SUPERCONDUCTIVITY

Quantum Griffiths singularity of superconductor-metal transition in Ga thin films *Y. Xing et al.*

► PERSPECTIVE P. 509

545 ECONOMICS

Peer effects on worker output in the laboratory generalize to the field *D. Herbst and A. Mas*

► PERSPECTIVE P. 512

550 CHRONIC ITCH

Gate control of mechanical itch by a subpopulation of spinal cord interneurons *S. Bourane et al.*

554 BRAIN DEVELOPMENT

A GABAergic projection from the zona incerta to cortex promotes cortical neuron development

J. Chen and A. R. Kriegstein

► PERSPECTIVE P. 510

558 MICROBIOME

Disease tolerance mediated by microbiome *E. coli* involves inflammasome and IGF-1 signaling *A. M. Palaferri Schieber et al.*

563 VIROLOGY

Retroviruses use CD169-mediated trans-infection of permissive lymphocytes to establish infection *X. Sewald et al.*

► PERSPECTIVE P. 511

568 TUMOR VIRUSES

DNA tumor virus oncogenes antagonize the cGAS-STING DNA-sensing pathway departments *L. Lau et al.*

ON THE COVER



False-color microscopic view of a reduced graphene oxide electrode (black, center), which hosts the large (on the order of 20 micrometers) lithium hydroxide particles (pink)

that form when a lithium-oxygen battery discharges. Lithium iodide aids in the removal of the particles upon charging, resulting in an efficient and highly energy-dense battery with potential applications in portable electronics, transportation, and grid storage. See page 530.

Illustration: Valerie Altounian/Science

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