CONTENTS
24 OCTOBER 2014 • VOLUME 346 • ISSUE 6208

NEWS

IN BRIEF
402 Roundup of the week’s news

IN DEPTH
404 U.S. HALTS TWO DOZEN RISKY VIRUS STUDIES
One-year “pause” to develop new policy on controversial research By J. Kaiser

405 IN PRAISE OF TAMENESS
We may have domesticated ourselves into the cooperative species we are today By A. Gibbons

406 EPIC PRE-COLUMBIAN VOYAGE SUGGESTED BY GENES
South American DNA found in Easter Islanders By A. Lawler

407 TAIWAN’S OCEAN PROGRAM REELS FROM LOSS OF SHIP, SCIENTISTS
New vessel was sparking international collaborations By D. Normile

408 ELECTION STAKES GO BEYOND CONTROL OF THE SENATE
Funding, peer review, water, and fusion are some of the issues on tap after the vote By J. Mervis

408 Does science suffer an “innovation deficit”? By J. Mervis

410 SEARCHING FOR SCIENCE IN INDIA’S TRADITIONAL MEDICINE
Critics say ayurgenomics is at best a quixotic quest By P. Pulla

FEATURE
411 SHOW ME THE MONEY
A bitter dispute lays bare questionable practices in China’s foreign-talent programs By M. Hvistendahl

INSIGHTS

PERSPECTIVES
416 BEYOND THE RAINBOW
Dinosaur color vision may have been key to the evolution of bird feathers By M.-C. Koschowitz et al.

418 TERMINATING THE REPLISOME
Multiple proteins modify and dismantle a key enzyme after DNA replication terminates By S. P. Bell

▶ RESEARCH ARTICLE P. 440; REPORT P. 477

420 BOUNDLESS NO MORE
Ending illegal, unregulated, and unreported fishing would bring hope for ocean wildlife By A. C. J. Vincent and J. M. Harris

422 HARNESSING CHIRALITY FOR VALLEYTRONICS
Artificial magnetic fields bend electron trajectories in gapped graphene By M. B. Lundeberg and J. A. Folk

▶ REPORT P. 448

423 SEX AND THE SINGLE FERN
Separation of the synthesis and sensing of a signaling molecule controls sex in ferns By T. Sun

▶ REPORT P. 469

424 BREATHING THE UNBREATHABLE
A crystal structure reveals how some bacteria break down organohalide pollutants By E. A. Edwards

▶ REPORT P. 455

426 RATCHETING THE EVOLUTION OF MULTICELLULARITY
Traits that entrench cells in a group lifestyle may pave the way for complexity By E. Libby and W. C. Ratcliff

427 UNANCHORED UBIQUITIN IN VIRUS UNCOATING
Components of a cellular degradation system are exploited by influenza virus during infection By R. Rajesbaum and A. Garcia-Sastre

▶ REPORT P. 473

429 COPING WITH THE CURSE OF FRESHWATER VARIABILITY
Institutions, infrastructure, and information for adaptation By J. W. Hall et al.

BOOKS ET AL.
431 SURGEON GENERAL’S WARNING
By M. Stobbe, reviewed by J. M. Samet

432 JACKSON HOLE SCIENCE MEDIA AWARDS
Reviewed by C. Ash

LETTERS

433 EBOLA: MOBILITY DATA
By M. E. Halloran et al.

433 EBOLA: PUBLIC-PRIVATE PARTNERSHIPS
By L. A. Reperant et al.

434 EBOLA: SOCIAL RESEARCH OVERLOOKED
By G. Guerrier

434 TECHNICAL COMMENT ABSTRACTS

DEPARTMENTS

401 EDITORIAL
China’s private universities By Huiqing Jin

510 WORKING LIFE
A double dose of advice By Huan Wang

Science Staff ............................................. 400
New Products .......................................... 489
AAAS Meeting Program ........................... 490
Science Careers ...................................... 500

Published by AAAS
IN BRIEF
435 From Science and other journals

REVIEW
438 MICROBE ANALYSIS
Zooming in to see the bigger picture: Microfluidic and nanofabrication tools to study bacteria J. H. Hol and C. Dekker
REVIEW SUMMARY; FOR FULL TEXT: dx.doi.org/10.1126/science.1251821

RESEARCH ARTICLES
439 ADVANCED IMAGING
Lattice light-sheet microscopy: Imaging molecules to embryos at high spatiotemporal resolution B.-C. Chen et al.
RESEARCH ARTICLE SUMMARY; FOR FULL TEXT: dx.doi.org/10.1126/science.1257998

440 DNA REPLICATION
Cdc48 and a ubiquitin ligase drive disassembly of the CMG helicase at the end of DNA replication M. Marie et al.
RESEARCH ARTICLE SUMMARY; FOR FULL TEXT: dx.doi.org/10.1126/science.1253596 ▶ PERSPECTIVE P. 418; REPORT P. 477

442 & 455
443 SOLAR CELLS
Fulleropyrrolidine interlayers: Tailoring electrodes to raise organic solar cell efficiency Z. A. Page et al.

445 ULTRAFAST DYNAMICS
A photoinduced metal-like phase of monoclinic VO₂ revealed by ultrafast electron diffraction V. R. Morrison et al.

448 VALLEYTRONICS
Detecting topological currents in graphene superlattices R. V. Gorbachev et al. ▶ PERSPECTIVE P. 422

451 ASYMMETRIC CATALYSIS
Room-temperature enantioselective C–H iodination via kinetic resolution L. Chu et al.

455 METALLOPROTEINS
Structural basis for organohalide respiration M. Bonmer et al. ▶ PERSPECTIVE P. 424

458 WORKING MEMORY
Medial prefrontal activity during delay period contributes to learning of a working memory task D. Liu et al.

463 EVOLUTIONARY BIOLOGY
Rapid evolution of a native species following invasion by a congener Y. E. Stuart et al.

466 NEW WORLD ARCHAEOLOGY
Paleoindian settlement of the high-altitude Peruvian Andes K. Rademaker et al.
▶ PODCAST

469 PLANT SCIENCE
Antheridiogen determines sex in ferns via a spatiotemporally split gibberellin synthesis pathway J. Tanaka et al. ▶ PERSPECTIVE P. 423

473 VIRAL CELL BIOLOGY
Influenza A virus uses the aggresome processing machinery for host cell entry I. Banerjee et al. ▶ PERSPECTIVE P. 427

477 DNA REPLICATION
Polyubiquitylation drives replisome disassembly at the termination of DNA replication S. Priego Moreno et al. ▶ PERSPECTIVE P. 418; RESEARCH ARTICLE P. 440

480 PROTEIN DESIGN
Computational design of water-soluble α-helical barrels A. R. Thomson et al.

ON THE COVER
Image from the laboratory of the 2014 Nobel Prize winner for chemistry, Eric Betzig, showing neurons in the brain of a live zebrafish embryo. Sample-induced aberrations often degrade imaging quality in multicellular specimens, but a clear view was obtained here by using adaptive optics, the same technology used to view distant astronomical objects through Earth's turbulent atmosphere. For more on imaging, see page 439 and dx.doi.org/10.1126/science.1257998.
Image: Kai Wang, Eric Betzig, Janelia Research Campus; Jeff Mumm, Johns Hopkins University

DIGITAL INNOVATIONS
481 & 485 Using helices to design bundles and barrels

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