NEWS

IN BRIEF
570 News at a glance

IN DEPTH
572 NEW APE FOUND, SPARKING FEARS FOR ITS SURVIVAL
Third species of orangutan, discovered in Sumatran forest, has population of just 800 By E. Stokstad

573 GUT MICROBES SHAPE RESPONSE TO CANCER IMMUNOTHERAPY
Planned trial will manipulate patients’ microbiomes By J. Kaiser ▶ REPORTS BY B. ROUTY ET AL. 10.1126/science.aan3706 & V. GOPALAKRISHNAN ET AL. 10.1126/science.aan4236

574 BACKLASH AFTER SHUTDOWN OF SWISS ASTRONOMY INSTITUTE
Professor disciplined and institute closed after complaints By G. Vogel

575 SLOSHING OF EARTH’S CORE MAY SPIKE BIG QuAKES
Tiny decrease in day length could portend more quakes over next 5 years By P. Voosen

576 U.S. BLOCKS IRAN FROM FUSION MEGAPROJECT
Other scientific ties envisioned under nuclear deal are slow to develop By R. Stone

577 UNDERWATER NETWORK HUNTS FOR MYSTERIOUS SLOW QUAKES
Gentle shifts could reduce risk of future disasters in Mexico By L. Wade

FEATURES
578 SIGNS OF LIFE
Astronomers have found Earth-sized exoplanets. Now, they’re figuring out how to detect life on them By D. Clery ▶ VIDEO

582 A SECOND CHANCE
A neuron-targeting gene therapy delivered into the blood saves infants with a deadly spinal disease—and boosts an entire field By J. Kaiser ▶ PODCAST

596 INSIGHTS

596 A parasol for starlight aids planet hunting

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592 FINDING THE FIRST AMERICANS
The first humans to reach the Americas are likely to have come via a coastal route By T. J. Braje et al.

594 COMPETING CHROMOSOMES EXPLAIN JUNK DNA
Asymmetric modification of microtubules explains preferential inheritance of chromosomes By F. J. McNally ▶ REPORT P. 668

POLICY FORUM
596 THE ARCTIC SCIENCE AGREEMENT PROPELS SCIENCE DIPLOMACY
Amid geopolitical tension, science aligns common interests By P. A. Berkman et al.

BOOKS ET AL.
599 THE MAKING AND REMAKING OF MARIE CURIE
The famous physicist’s legacy looms large 150 years after her birth By E. Hemmungs Wirtén

LETTERS
601 EVALUATING FAULT LINES IN ALISO CANYON
By T. L. Davis

602 BLOGS CANNOT SEPARATE WHEAT FROM CHAFF
By R. K. Burt et al.

602 ONLINE BUZZ: ON THE ORIGIN OF PREPRINTS
By S. R. Klein

RESEARCH

IN BRIEF
604 From Science and other journals

REVIEWS
607 EVOLUTION
Evolution of life in urban environments M. T. J. Johnson and J. Munshi-South REVIEW SUMMARY; FOR FULL TEXT: dx.doi.org/10.1126/science.aam8327 ▶ VIDEO

586 PALEOLITHIC NETWORKING
Genomes reveal patterns of genetic and social interactions in Neandertal and Paleolithic hunter-gatherer groups By A. Bergström and C. Tyler-Smith ▶ REPORTS PP. 655 & 659

587 EPITAXY ON POLYCRYSTALLINE SUBSTRATES
The growth of new oxide phases is explored with multiple surface orientations By S. Pandya and L. W. Martin

589 HOW ARE DNAs WOVEN INTO CHROMOSOMES?
New findings may explain how DNAs are organized into chromatids during cell division By K. Nasmyth ▶ REPORT P. 672

591 MEDIATING ER-MITOCHONDRIAL CROSS-TALK
An ER-mitochondrial tethering protein regulates mitochondrial calcium uptake in neurons By A. A. Lombardi and J. W. Elrod ▶ REPORT P. 623
CONTENTS

3 NOVEMBER 2017 • VOLUME 358 • ISSUE 6363

608 CELL BIOLOGY
Ribosomopathies: There’s strength in numbers E. W. Mills and R. Green
REVIEW SUMMARY; FOR FULL TEXT: dx.doi.org/10.1126/science.aan2755

RESEARCH ARTICLES

609 STRUCTURAL BIOLOGY
Structure of the mitochondrial inner membrane AAA+ protease YME1 gives insight into substrate processing C. Puchades et al.
RESEARCH ARTICLE SUMMARY; FOR FULL TEXT: dx.doi.org/10.1126/science.aao0464

610 NEUROSCIENCE
Lattice system of functionally distinct cell types in the neocortex H. Maruoka et al.

615 NEUROSCIENCE
Topological and modality-specific representation of somatosensory information in the fly brain A. Traboulsi et al.

623 CELL BIOLOGY
ER-mitochondria tethering by PDZD8 regulates Ca2+ dynamics in mammalian neurons Y. Hiramatsu et al.
▷ PERSPECTIVE P. 591

633 MATERIALS SCIENCE
Self-assembled three-dimensional chiral colloidal architecture M. Y. Ben Zion et al.

636 OPTICS
Nonreciprocal lasing in topological cavities of arbitrary geometries B. Bahari et al.

640 PLASMONIC MATERIALS
Femtosecond laser reshaping yields gold nanorods with ultranarrow surface plasmon resonances G. González-Rubio et al.

645 COLD MOLECULES
A cryofuge for cold-collision experiments with slow polar molecules X. Wu et al.

648 GRAPHENE
Even-denominator fractional quantum Hall states in bilayer graphene J. I. Li et al.

652 HUMAN EVOLUTION
Southern African ancient genomes estimate modern human divergence to 350,000 to 260,000 years ago C. M. Schlebusch et al.

HUMAN EVOLUTION
655 A high-coverage Neandertal genome from Vindija Cave in Croatia K. Piffer et al.

659 Ancient genomes show social and reproductive behavior of early Upper Paleolithic foragers M. Sikora et al.
▷ PERSPECTIVE P. 586

663 VIROLOGY
A glycerophospholipid-specific pocket in the RVFV class II fusion protein drives target membrane insertion P. Guardado-Calvo et al.

668 MEIOTIC DRIVE
Spindle asymmetry drives non-Mendelian chromosome segregation T. Akera et al.
▷ PERSPECTIVE P. 594

672 MOLECULAR IMAGING
The condensin complex is a mechanochemical motor that translocates along DNA T. Terakawa et al.
▷ PERSPECTIVE P. 589

DEPARTMENTS

569 EDITORIAL
Germany and China take the lead
By Brigitte Knopf and Jiang Kejun

690 WORKING LIFE
I’m not your mother
By Larisa R. G. DeSantis

ON THE COVER

The condensin protein complex (teal) motors along DNA (grayish white) over distances of thousands of base pairs, using adenosine triphosphate hydrolysis to fuel its linear motion. Condensin’s ability to drag DNA along as it moves can explain how chromatin fibers are folded into the rod-shaped mitotic chromosomes that have fascinated cell biologists since the 19th century. See pages 589 and 672.
Illustration: C. Bickel/Science; Coordinates: Cees Dekker/Delft University of Technology and Christian Haering/European Molecular Biology Laboratory

Science Staff............................................. 568
New Products........................................ 680
Science Careers..................................... 681
Science 358 (6363), 569-690.

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