IN BRIEF

906 Roundup of the week’s news

IN DEPTH

909 FISCAL CRISIS HAS BRAZILIAN SCIENTISTS SCRAMBLING
Government makes deep cuts in research budgets as economy stumbles
By H. Escobar

910 MANY PSYCHOLOGY PAPERS FAIL REPLICATION TEST
An effort to repeat 100 studies yields sobering results, but many researchers are positive about the process
By J. Bohannon
  ▶ RESEARCH ARTICLE P. 943

911 PLUGGED PORES MAY UNDERLIE ALS, DEMENTIA CASES
Multiple groups reveal that “stutter” mutation kills nerve cells by clogging channels into the nucleus
By E. Underwood

912 DARK HORSE SCORES A FUSION COUP
California company demonstrates unorthodox approach to trapping superheated plasma
By D. Clery

INSIGHTS

914 ORCHIDS’ DAZZLING DIVERSITY EXPLAINED
New family tree shows that a series of innovations accelerated speciation
By E. Stokstad

915 THE MISSING MUDBUG
As threats to crayfish mount, researchers push to document the enigmatic crustaceans
By E. DeMarco

918 BIRTH OF THE MORALIZING GODS
A new theory aims to explain why religions with moralizing gods are so successful—but testing it remains a challenge
By L. Wade
  ▶ Turning history into a binary code
  ▶ By L. Wade
  ▶ PODCAST

919 SYNTHETIC COMMUNITIES, THE SUM OF PARTS
Complex behaviors are engineered from cooperating cell communities
By B. P. Teague and R. Weiss
  ▶ REPORT P. 986

924 AS SIMPLE AS [2+2]
Iron catalysis transforms readily available commodity olefins into cyclobutane building blocks under thermal conditions
By M. W. Smith and P. S. Baran
  ▶ REPORT P. 960

925 SAFEGUARDING GENE DRIVE EXPERIMENTS IN THE LABORATORY
Multiple stringent confinement strategies should be used whenever possible
By O. S. Akbari et al.

927 MICROBIOTA REGULATES INTESTINAL SUPPRESSOR T CELLS
Gut microbes influence the balance of regulatory T cell subtypes to control inflammation
By A. N. Hegazy and F. Powrie
  ▶ REPORTS PP. 989 & 993

931 DEFINING THE GENUS HOMO
Early hominin species were as diverse as other mammals
By J. H. Schwartz and I. Tattersall

BOOKS ET AL.

933 FANTASTIC WORLDS
K. van der Veen and D. Dunlop, curators, reviewed by R. Gross

934 SONIC WIND
By C. Ryan, reviewed by L. Vinsel

LETTERS

935 GENE EDITING: ADVISING ADVICE
By C. Addison and S. Taylor-Alexander

935 THE WISDOM OF BABOON DECISIONS
By K. B. Wray

935 RESPONSE
By A. Strandburg-Peshkin et al.

936 TECHNICAL COMMENT ABSTRACTS

DEPARTMENTS

905 EDITORIAL
Preparing for the next Katrina
By Marcia McNutt

1018 WORKING LIFE
The fungi that ate my house
By Joan W. Bennett
RESEARCH ARTICLES

943 PSYCHOLOGY
Estimating the reproducibility of psychological science
Open Science Collaboration
RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:
dx.doi.org/10.1126/science.aac4716
NEWS STORY P. 910; PODCAST

944 ADVANCED IMAGING
Extended-resolution structured illumination imaging of endocytic and cytoskeletal dynamics D. Li et al.
RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:
dx.doi.org/10.1126/science.aab3500

RESEARCH

939 From Science and other journals

942 COLLOIDS
Colloidal matter: Packing, geometry, and entropy V. N. Manoharan
REVIEW SUMMARY; FOR FULL TEXT:
dx.doi.org/10.1126/science.1253751

945 SOLID-STATE PHYSICS
Scalable T² resistivity in a single small-component Fermi surface X. Lin et al.

948 TOPOLOGICAL MATTER
Observation of chiral currents at the magnetic domain boundary of a topological insulator Y. H. Wang et al.

952 QUANTUM MECHANICS
Quantum squeezing of motion in a mechanical resonator E. E. Wollman et al.

956 NANOPARTICLES
Production of amorphous nanoparticles by supersonic spray-drying with a microfluidic nebulator E. Amstad et al.

960 ORGANIC CHEMISTRY

964 SEXUAL SELECTION
Irrationality in mate choice revealed by tungara frogs A. M. Lea and M. J. Ryan

966 LIFE HISTORY
Age-related mortality explains life history strategies of tropical and temperate songbirds T. E. Martin

970 FUNGAL SYMBIONTS
Global assessment of arbuscular mycorrhizal fungus diversity reveals very low endemism J. Davison et al.

974 NEURONAL DEVELOPMENT
Glycerophospholipid regulation of modality-specific sensory axon guidance in the spinal cord A. T. Guy et al.

977 DNA RECOMBINATION
Base triplet stepping by the Rad51/RecA family of recombinases J. Y. Lee et al.

982 HEART DISEASE
Titin mutations in iPS cells define sarcomere insufficiency as a cause of dilated cardiomyopathy J. T. Hinson et al.

REPORTS

986 SYNTHETIC BIOLOGY
Emergent genetic oscillations in a synthetic microbial consortium Y. Chen et al.

989 MUCOSAL IMMUNOLOGY
The microbiota regulates type 2 immunity through RORγT+ T cells C. Ohnmacht et al.

993 Individual intestinal symbionts induce a distinct population of RORγ regulatory T cells E. Sefik et al.

ON THE COVER
Single frame from a super-resolution movie of α-actinin (magenta) bundling actin cytoskeletal filaments (green) into thick fibers at the edges of growing membrane ruffles in a living COS-7 cell. The movie was acquired with a new form of nonlinear structured illumination microscopy that achieves 62-nanometer resolution at subsecond acquisition times for dozens of frames. See page 944 and dx.doi.org/10.1126/science.aab3500. Image: Dong Li and Eric Betzig, Janelia Research Campus/Howard Hughes Medical Institute

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