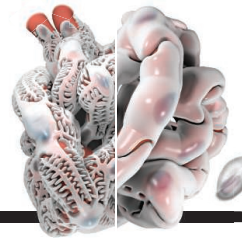


CONTENTS

20 APRIL 2018 • VOLUME 360 • ISSUE 6386



254

A molecular suspect
in kidney failure



NEWS

IN BRIEF

244 News at a glance

IN DEPTH

247 NASA LANDER TO PROBE INTERIOR OF MARS

By listening for marsquakes, InSight will measure Red Planet's core, mantle and crust *By P. Voosen*

248 DEPARTMENT OF STATE'S AIR POLLUTION SENSORS GO GLOBAL

Fine-particle sentinels prod governments to curb emissions *By E. Kintisch*

249 CANNABIS, OPIUM USE PART OF ANCIENT NEAR EASTERN CULTURES

Growing body of data suggests ritual drug use by ancient Mesopotamians, Cypriots, and others *By A. Lawler*

250 PLAN FOR 2020 U.S. CENSUS IS FATALLY FLAWED, CRITICS SAY

Using existing records to ensure accuracy is unlikely to succeed, experts predict *By J. Mervis*

252 ANCIENT DNA UNTANGLES SOUTH ASIAN ROOTS

Study shores up steppe as long-sought Proto-Indo-European homeland *By L. Wade*

253 PROPOSAL TO RESCUE POSTDOCS FROM LIMBO DRAWS DARTS

Expert panel offers mix of old and new ideas to help young biomedical researchers build stable careers *By M. Price*

FEATURE

254 OMEN IN THE BLOOD

A protein marker predicts health crises—but can it cause them? *By S. Hall*

INSIGHTS

POLICY FORUM

260 RISK-BASED REBOOT FOR GLOBAL LAB BIOSAFETY

New WHO guidance could expand access to lab facilities *By K. Kojima et al.*

PERSPECTIVES

263 PLANT RESPONSES TO CO₂ ARE A QUESTION OF TIME

Long-term experiments show unexpected plant responses to elevated CO₂ concentrations *By M. Hovenden and P. Newton*
▶ REPORT P. 317

264 ON THE QUEST FOR THE STRONGEST MATERIALS

Diamond nanoneedles have strength approaching the theoretical maximum *By J. LLorca*
▶ REPORT P. 300

265 WHISPERING NEURONS FUEL CORTICAL HIGHWAYS

Synaptic communication accelerates neuronal migration in the developing brain *By A. F. Schinder and G. M. Luuza*
▶ REPORT P. 313

267 PARKIN FUNCTION IN PARKINSON'S DISEASE

Models of Parkin-mediated ubiquitination lend insight into the role of pathological mutations *By C. Arkinson and H. Walden*

269 IF TWO DELETIONS DON'T STOP GROWTH, TRY THREE

Triple mutations in yeast reveal broad scope of genetic interactions *By A. J. M. Walhout*
▶ RESEARCH ARTICLE P. 283

270 A UNIFYING CONCEPT IN VASCULAR HEALTH AND DISEASE

Interventions to restore blood vessel stability could improve health outcomes *By M. A. Schwartz et al.*

BOOKS ET AL.

272 RECONSIDERING THE NOBEL PRIZE

After dust stymies a quest to confirm cosmic inflation, a physicist questions science's most prestigious award *By P. Halpern*

274 WIELDING NEW GENOMIC TOOLS WISELY

Troubling traces of biocolonialism undermine an otherwise eloquent synthesis of ancient genome research *By M. C. Ávila Arcos*

LETTERS

276 IVORY CRISIS: GROWING NO-TRADE CONSENSUS

By N. Sekar et al.

277 IVORY CRISIS: ROLE OF BIOPRINTING TECHNOLOGY

By M. Lenda et al.

277 RESPONSE

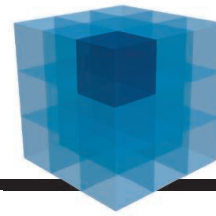
By D. Biggs et al.

278 INSURANCE COVERAGE FOR GENOMIC TESTS

By K. A. Phillips et al.

CREDITS (TOP TO BOTTOM): (IMAGE) V. ALTOUNIAN/SCIENCE; (PHOTO) ISTOCK.COM/JOZTURK

CONTENTS



269 & 283

A landscape of genetic interactions

20 APRIL 2018 • VOLUME 360 • ISSUE 6386

RESEARCH

IN BRIEF

280 From *Science* and other journals

RESEARCH ARTICLES

283 YEAST GENOMICS

Systematic analysis of complex genetic interactions *E. Kuzmin et al.*

RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:

dx.doi.org/10.1126/science.aaa1729

► PERSPECTIVE P. 269

284 ADVANCED IMAGING

Observing the cell in its native state: Imaging subcellular dynamics in multicellular organisms *T.-L. Liu et al.*

RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:

dx.doi.org/10.1126/science.aaa1392

285 QUANTUM OPTICS

Multidimensional quantum entanglement with large-scale integrated optics *J. Wang et al.*

REPORTS

291 NANOPHOTONICS

Probing the ultimate plasmon confinement limits with a van der Waals heterostructure *D. Alcaraz Iranzo et al.*

296 MATERIALS SCIENCE

Capillarity-induced folds fuel extreme shape changes in thin wicked membranes *P. Grandgeorge et al.*

300 MATERIALS SCIENCE

Ultralarge elastic deformation of nanoscale diamond *A. Banerjee et al.*

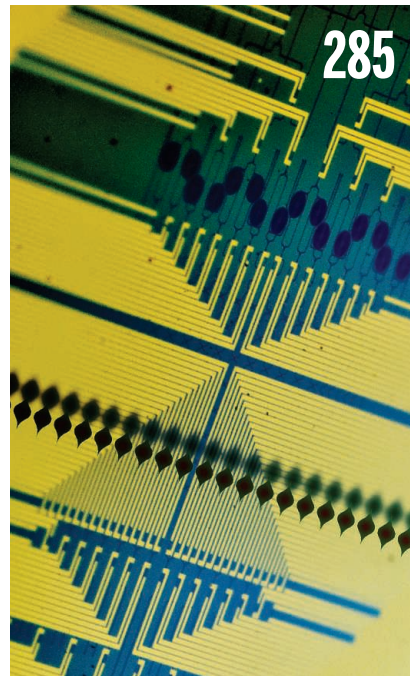
► PERSPECTIVE P. 264

303 COLLOIDS

Five-dimensional imaging of freezing emulsions with solute effects *D. Dedovets et al.*

307 QUANTUM GASES

Recurrences in an isolated quantum many-body system *B. Rauer et al.*



310 EXTINCTION

Body size downgrading of mammals over the late Quaternary *F. A. Smith et al.*

313 NEURODEVELOPMENT

Synaptic transmission from subplate neurons controls radial migration of neocortical neurons

C. Ohtaka-Maruyama et al.

► PERSPECTIVE P. 265

317 PLANT ECOLOGY

Unexpected reversal of C₃ versus C₄ grass response to elevated CO₂ during a 20-year field experiment *P. B. Reich et al.*

► PERSPECTIVE P. 263; PODCAST

320 EARLY EARTH

Two-billion-year-old evaporites capture Earth's great oxidation *C. L. Blättler et al.*

323 STRUCTURAL BIOLOGY

Structure of a prehandover mammalian ribosomal SRP•SRP receptor targeting complex *K. Kobayashi et al.*

327 AUTISM GENOMICS

Paternally inherited cis-regulatory structural variants are associated with autism *W. M. Brandler et al.*

331 CANCER GENOMICS

Developmental and oncogenic programs in H3K27M gliomas dissected by single-cell RNA-seq *M. G. Filbin et al.*

336 DRUG DEVELOPMENT

MFN2 agonists reverse mitochondrial defects in preclinical models of Charcot-Marie-Tooth disease type 2A

A. G. Rocha et al.

DEPARTMENTS

243 EDITORIAL

Biases in forensic experts

By Itiel E. Dror

350 WORKING LIFE

Academia's forgotten footnote

By Arnav Chhabra

ON THE COVER



A three-dimensional micrograph of computationally separated cells with their internal organelles, as captured by a movie of the developing zebrafish eye. Combining

minimally invasive lattice light-sheet microscopy with adaptive optics to counter optical aberrations present in multicellular specimens enables the study of rapid subcellular processes at high resolution within living organisms, where all environmental factors that regulate cellular physiology are present. See page 284. *Image: Betzig Lab, Janelia Research Campus/HHMI; Kirchhausen and Megason Labs, Harvard Medical School*

Science Staff	242
New Products	342
Science Careers	343

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