



COVER

Individuals with autism, a neurodevelopmental disorder, show impairment in social communication and language. Genetic analysis of closely related people reveals clues to the neural deficits that may underlie the disorder. See page 218.

Image: Kenneth Xavier/Xavier Studio

DEPARTMENTS

171	Science Online
172	This Week in <i>Science</i>
176	Editors' Choice
178	Contact <i>Science</i>
181	Random Samples
183	Newsmakers
267	New Products
268	Science Careers

EDITORIAL

175	European Research, 10 Years On <i>by Enric Banda</i>
-----	---

NEWS OF THE WEEK

Arsenic and Paddy Rice: A Neglected Cancer Risk?	184
Top Ph.D. Feeder Schools Are Now Chinese	185
2008 Supplemental Helps Fermilab by Putting Jobs Before Research	186
Defense, NSF Team Up on National Security Research	186
SCENCESCOPE	187
Iraq Embarks on Demolition of Saddam-Era Nuclear Labs	188
Major European Cities Are Quietly Missing Antinoise Deadline	189

NEWS FOCUS

Steering Harvard Toward Collaborative Science	190
Bipolar Disorder: Poles Apart	193
>> <i>Science Podcast</i>	
Modernizing the Modern Synthesis	196



LETTERS

Biofuels: Effects on Land and Fire	199
<i>K. L. Kline and V. H. Dale</i>	
Response <i>J. Fargione et al.; T. D. Searchinger</i>	
Biofuels: One of Many Claims to Resources	
<i>T. Wassenaar and S. Kay</i>	

CORRECTIONS AND CLARIFICATIONS	200
---------------------------------------	-----

BOOKS ET AL.

Females Are Mosaics X Inactivation and Sex Differences in Disease <i>B. R. Migeon</i> , reviewed by <i>J. A. M. Graves</i>	202
Nudge Improving Decisions About Health, Wealth, and Happiness <i>R. H. Thaler and C. R. Sunstein</i> , reviewed by <i>E. J. Johnson</i>	203

BROWINGS	203
-----------------	-----

POLICY FORUM

Interactions with the Mass Media	204
<i>H. P. Peters et al.</i>	
>> <i>Science Podcast</i>	

PERSPECTIVES

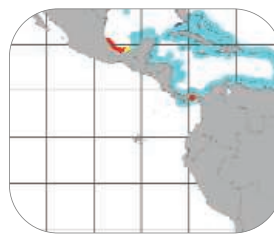
Celebrating Spuds	206
<i>S. Knapp</i>	
<i>Homo experimentalis</i> Evolves	207
<i>J. A. List</i>	
Insights into the Pathogenesis of Autism	208
<i>J. S. Sutcliffe</i>	
>> <i>Research Article p. 218</i>	
Phase-Change Materials for Electronic Memories	210
<i>G. Atwood</i>	
New Tricks with Old Bones	211
<i>R. Mackelprang and E. M. Rubin</i>	



207

Downloaded from <http://science.sciencemag.org/> on November 19, 2019

CONTENTS continued >>



SCIENCE EXPRESS

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PHYSICS

Suppressing Spin Qubit Dephasing by Nuclear State Preparation

D. J. Reilly et al.

A series of voltage pulses can mitigate the detrimental influence of background spins in gallium arsenide, allowing the spin of quantum dots to remain coherent for microseconds.

10.1126/science.1159221

IMMUNOLOGY

Regulation of CD45 Alternative Splicing by Heterogeneous Ribonucleoprotein, HnRNPLL

S. Oberdoerffer et al.

A ribonucleoprotein directs the splicing of the transcript for CD45, a transmembrane tyrosine phosphatase that initiates signaling through antigen receptors.

10.1126/science.1157610

ECOLOGY

One-Third of Reef-Building Corals Face Elevated Extinction Risk from Climate Change and Local Impacts

K. E. Carpenter et al.

The viability of the world's major coral reefs is endangered both by direct human disturbance and by disease and bleaching events brought on by climate change.

10.1126/science.1159196

PHYSICS

Quantum Gas of Deeply Bound Ground State Molecules

J. G. Danzl et al.

A coherent Raman pumping scheme cools cesium molecules to a state with minimal rotational energy, needed for producing cold molecular Bose-Einstein condensates.

10.1126/science.1159909

TECHNICAL COMMENT ABSTRACTS

GENETICS

Comment on "Genetically Determined Differences in Learning from Errors" 200

M. Lucht and D. Roskopf

[full text at www.sciencemag.org/cgi/content/full/321/5886/200a](http://www.sciencemag.org/cgi/content/full/321/5886/200a)

Response to Comment on "Genetically Determined Differences in Learning from Errors"

T. A. Klein et al.

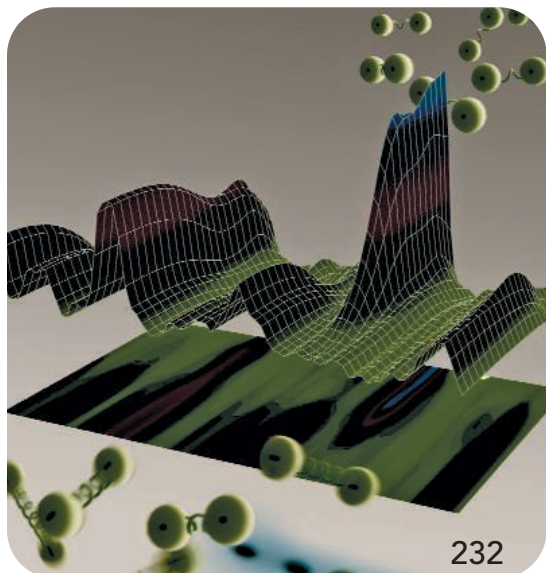
[full text at www.sciencemag.org/cgi/content/full/321/5886/200b](http://www.sciencemag.org/cgi/content/full/321/5886/200b)

REVIEW

BIOCHEMISTRY

Enzymes Without Borders: Mobilizing Substrates, Delivering Products 213

F. Forneris and A. Mattevi



232

BREVIA

GEOPHYSICS

Source Analysis of the Crandall Canyon, Utah, Mine Collapse 217

D. S. Dreger, S. R. Ford, W. R. Walter

The anomalous seismic event in Utah on 6 August 2007 was produced by the collapse of a mine chamber 1 kilometer beneath the surface, which induced faulting of rocks above it.

RESEARCH ARTICLE

GENETICS

Identifying Autism Loci and Genes by Tracing Recent Shared Ancestry 218

E. M. Morrow et al.

A genetic analysis of autism in closely related individuals suggests that defects in proteins that control neural activity may produce this cognitive disorder.

>> *Perspective p. 208; Science Podcast*

REPORTS

ASTRONOMY

Supernova Shock Breakout from a Red Supergiant 223

K. Schawinski et al.

A burst of ultraviolet light reveals the initial expansion of a star leading to a supernova and identifies the star as a red supergiant.

APPLIED PHYSICS

High-Efficiency Organic Solar Concentrators for Photovoltaics 226

M. J. Currie, J. K. Mapel, T. D. Heidel, S. Goffri, M. A. Baldo

Thin films with low concentrations of phosphorescent dyes that only weakly absorb their own emitted light concentrate sunlight, improving solar cell efficiency 10-fold.

CONTENTS continued >>

REPORTS CONTINUED...

APPLIED PHYSICS

Control of Exciton Fluxes in an Excitonic 229

Integrated Circuit

A. A. High et al.

Coupled quantum-wells structures, patterned to create electron-hole circuits, can perform simple logic operations on the optical input signals.

PHYSICS

Optical Pumping and Vibrational Cooling 232

of Molecules

M. Viteau et al.

A broadband laser pulse can remove residual vibrational energy from molecules via excitation and relaxation cycles, allowing them to be cooled to low temperatures.

GEOLOGY

A Positive Test of East Antarctica–Laurentia 235

Juxtaposition Within the Rodinia Supercontinent

J. W. Goodge et al.

A glacial boulder in Antarctica, and other data, confirm that East Antarctica and Australia were linked to western North America in a supercontinent 1 billion years ago.

GEOPHYSICS

Anticrack Nucleation as Triggering Mechanism for 240

Snow Slab Avalanches

J. Heierli, P. Gumbsch, M. Zaiser

The nature of microcracks in snow on a steep slope, not just their angle, helps determine whether the pile simply collapses under its own weight or shears off as an avalanche.

BIOCHEMISTRY

Micelles Protect Membrane Complexes from 243

Solution to Vacuum

N. P. Barrera, N. Di Bartolo, P. J. Booth, C. V. Robinson

Gas-phase lipid micelles protect a large complex of membrane proteins, allowing its subunit composition and ligand binding to be assessed by mass spectrometry.

BIOCHEMISTRY

Structural Basis of Trans-Inhibition in a 246

Molybdate/Tungstate ABC Transporter

S. Gerber, M. Comellas-Bigler, B. A. Goetz, K. P. Locher

A class of membrane transporters is subject to product inhibition: The imported substrate binds to a regulatory domain that sterically inhibits further ATP hydrolysis.

BIOCHEMISTRY

The High-Affinity *E. coli* Methionine ABC Transporter: 250

Structure and Allosteric Regulation

N. S. Kadaba, J. T. Kaiser, E. Johnson, A. Lee, D. C. Rees

The structure of the methionine transporter illustrates how increased levels of methionine stabilize an inactive state to inhibit further translocation.

BIOCHEMISTRY

Structural Basis for Specific Substrate Recognition 253

by the Chloroplast Signal Recognition Particle Protein cpSRP43

K. F. Stengel et al.

A protein subunit of the signal recognition particle that directs chlorophyll binding proteins to the chloroplast replaces RNA and causes posttranslational function.

MICROBIOLOGY

Genetic Determinants of Self Identity and Social 256

Recognition in Bacteria

K. A. Gibbs, M. L. Urbanowski, E. P. Greenberg

The ability of clones of a pathogenic bacterium to distinguish themselves from one another resides in a six-gene locus with interrelated recognition functions.

IMMUNOLOGY

Modulation of Gene Expression via Disruption of 259

NF- κ B Signaling by a Bacterial Small Molecule

V. V. Kravchenko et al.

A small molecule produced by common pathogenic bacterium inhibits the activity of a key immune transcription factor.

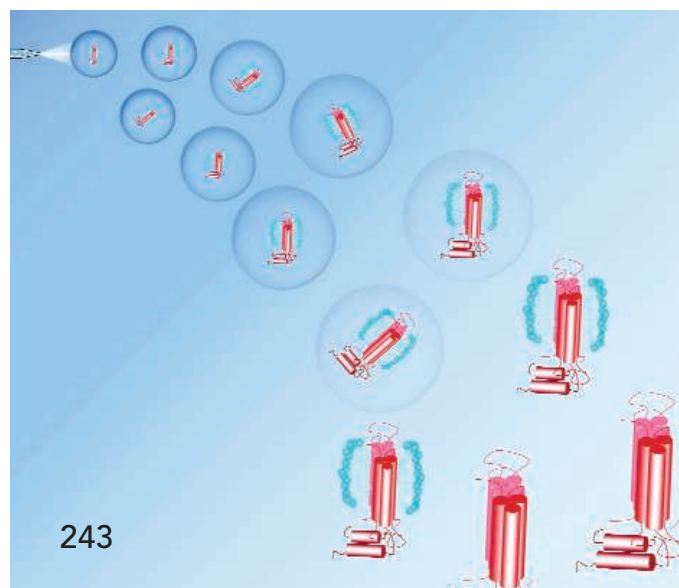
MEDICINE

Drug Target Identification Using Side-Effect 263

Similarity

M. Campillos et al.

By finding drugs that share similar side effects, several new drug targets were predicted and experimentally confirmed, suggesting a route to identifying new therapeutic agents.



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CONTENTS continued >>



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J. Bohannon

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S. Webb

Working with lab animals can be a source of public antagonism and private ambivalence.

A New Astrophysics Editor at *Science*

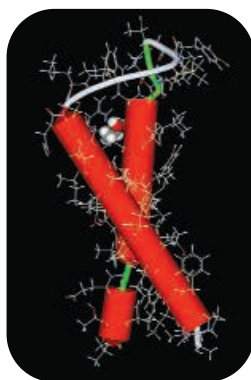
E. Pain

Maria Cruz has a rich background that goes well beyond research.

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R. A. Harris, J. R. Trudell, S. J. Mihic

Ethanol affects the functions of specific proteins through its interaction with a select few amino acids in those proteins.

PODCAST

J. F. Foley and A. M. VanHook

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