CONTENTS

EDITORIAL
1047 Great Teachers for STEM
Maxine Singer

NEWS OF THE WEEK
1054 Cash-Starved deCODE Is Looking for a Rescuer for Its Biobank
1055 Confronting a Toxic Blowback From the Electronics Trade
1057 Changes at Berkeley Raise Fears of Shrinking Commitment to Diversity
1058 Sequencing 40 Silkworm Genomes Unravels History of Cultivation
>> Science Express Report by Q. Xia et al.
1058 Joining Forces to Pump Up a Variable Sun’s Climate Effects
>> Report p. 1114
1059 From Science’s Online Daily News Site
1060 Warning: Don’t Let Your Elders Brainwash You
1061 Researchers Prevent Inheritance of Faulty Mitochondria in Monkeys
1061 From the Science Policy Blog

NEWS FOCUS
1062 Going to the Dogs
>> Science Podcast
1067 The Large Hadron Collider Redux: Hoping for a Long, Hard Slog
How to Make a Collider

LETTERS
1071 Influenza: Accounting for Prior Immunity
J. M. McCaw et al.
Influenza: H1N1 Goes to School
B. Paterson et al.
Influenza: Making Privileged Data Public
C. E. Ormsby and G. Reyes-Terán
Response
C. Fraser et al.

1072 CORRECTIONS AND CLARIFICATIONS
1072 TECHNICAL COMMENT ABSTRACTS

BOOKS ET AL.
1074 The Link
C. Tudge with J. Young, reviewed by R. F. Kay
1075 Science and Decisions
National Research Council, reviewed by G. D. Brewer
1075 Browsings

EDUCATION FORUM
1077 Introducing Modern Science into Schools
J. Willingale-Theune et al.

PERSPECTIVES
1079 Flourishing After the End-Permian Mass Extinction
C. R. Marshall and D. K. Jacobs
>> Report p. 1118
1080 Chasing Arcs in Cuprate Superconductors
M. R. Norman
>> Report p. 1099
1081 Using Taste to Clear the Air(ways)
S. C. Kinnamon and S. D. Reynolds
>> Report p. 1131
1083 Blocking Akt-ivity
D. F. Restuccia and B. A. Hemmings
>> Report p. 1134
1084 Coupling Strongly, Discretely
J. Hone and V. V. Deshpande
>> Reports pp. 1103 and 1107
1085 Antarctica’s Orbital Beat
P. Huybers

REVIEW
1089 Antibiotics for Emerging Pathogens
M. A. Fischbach and C. T. Walsh

CONTENTS continued >>

COVER
Pseudocolored scanning electron micrograph (magnification ~34,000x) of the surface of mouse airway epithelia showing cilia protruding from epithelial cells; short protrusions in the foreground are microvilli from a nonciliated cell. In human airway epithelia, these motile cilia bear receptors that detect bitter compounds and signal the cilia to increase their rhythmic beat frequency to help clear noxious substances from the lungs. See page 1131.

Image: Tom Moninger (epithelia generated by Phil Karp)

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BREVIA

1094 Gene-for-Gene Resistance in Striga-Cowpea Associations
J. Li and M. P. Timko
A gene thought to defend plants against infectious bacterial pathogens also supplies defense against a parasitic plant.

RESEARCH ARTICLE

1095 On the Origin and Spread of an Adaptive Allele in Deer Mice
C. R. Linnen et al.
The light coat-color variant in deer mice is a mutation selected for its adaptive value for living in sand hills.

REPORTS

1099 Spectroscopic Fingerprint of Phase-Incoherent Superconductivity in the Underdoped Bi$_2$Sr$_2$CaCu$_2$O$_{8+\delta}$
J. Lee et al.
Scanning tunnelling spectroscopy reveals the pseudogap regime of the cuprates to be an incoherent d-wave superconductor.

1103 Strong Coupling Between Single-Electron Tunneling and Nanomechanical Motion
G. A. Steele et al.

1107 Coupling Mechanics to Charge Transport in Carbon Nanotube Mechanical Resonators
B. Lassagne et al.
Individual electrons tunneling onto and out of a carbon nanotube can be used to tune its oscillatory motion.

1110 The Chemical Structure of a Molecule Resolved by Atomic Force Microscopy
L. Gross et al.
Derivitization of atomic force microscope tips with carbon monoxide molecules allows atoms to be resolved within adsorbed molecules.

1114 Amplifying the Pacific Climate System Response to a Small 11-Year Solar Cycle Forcing
G. A. Meehl
A combination of mechanisms explains the large response of sea surface temperatures caused by the 11-year solar cycle.

1118 Good Genes and Good Luck: Ammonoid Diversity and the End-Permian Mass Extinction
A. Brayard et al.
In contrast to other groups, ammonoid diversity recovered within 1 million years of the end-Permian extinction to levels higher than before.

1121 Enhancement of Biodiversity and Ecosystem Services by Ecological Restoration: A Meta-Analysis
J. M. Rey Benayas et al.
Restoration, biodiversity, and ecosystem services are positively linked in a wide range of ecosystem types across the globe.

1124 Unprecedented Restoration of a Native Oyster Metapopulation
D. M. Schulte et al.
The height of oyster reefs above the river bed promotes their restoration in the Chesapeake Bay, USA.

1128 Functional Characterization of the Antibiotic Resistance Reservoir in the Human Microflora
M. O. A. Sommer et al.
Large numbers of previously unidentified antibiotic resistance genes occur in gut bacteria.

1131 Motile Cilia of Human Airway Epithelia Are Chemosensory
A. S. Shah et al.
Airway epithelia directly sense and respond to noxious substances.

1134 The E3 Ligase TRAF6 Regulates Akt Ubiquitination and Activation
W.-L. Yang et al.
Localization and activation of signaling proteins in cancer cells are controlled by ubiquitin labeling.

1139 SDH5, a Gene Required for Flavination of Succinate Dehydrogenase, Is Mutated in Paraganglioma
H.-X. Hao et al.
Analysis of a yeast mitochondrial protein reveals a human tumor susceptibility gene.

1142 Eos Mediates Foxp3-Dependent Gene Silencing in CD4$^+$ Regulatory T Cells
F. Pan et al.
A transcription factor required for gene suppression in regulatory T cells is identified.

CONTENTS continued >>
Upward Lightning No Flash in the Pan
Some powerful bolts reach from cloud tops to the edge of space.

Why We Walk in Circles
Confirming a common belief, researchers find that people really do walk in circles when lost.

Complete Resequencing of 40 Genomes Reveals Domestication Events and Genes in Silkworm (Bombyx)
Q. Xia et al.
Silkworm genomes show signatures of selection associated with domestication. 10.1126/science.1177808

Huge variations in the coats of purebred dogs can be explained by the combinatorial effects of only three genes. 10.1126/science.1178343

Nitrous Oxide (N₂O): The Dominant Ozone-Depleting Substance Emitted in the 21st Century
A. R. Ravishankara et al.
Nitrous oxide causes more stratospheric ozone destruction than any other ozone-depleting substance. 10.1126/science.1176985

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