A hot spring in Bali, Indonesia. The discovery of thriving microbial communities in such unexpected places has motivated investigation into the diversity and distribution of microbial life. The special issue beginning on page 1027 explores the microbial world.

Image: Sylvain Grandadam/Getty Images

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**CONTENTS**

**DEPARTMENTS**

979  Science Online
981  This Week in Science
987  Editors’ Choice
990  Contact Science
993  Random Samples
995  Newsmakers
1096  New Products
1097  Science Careers

**EDITORIAL**

985  Microbes in the Energy Grid
    by James Tiedje and Timothy Donohue
    >> Microbial Ecology section p. 1027

**SPECIAL SECTION**

**Microbial Ecology**

**INTRODUCTION**

Lost in Microbial Space 1027

**NEWS**

The Inner Lives of Sponges 1028
Confusing Kinships 1031

**REVIEWS**

The Microbial Engines That Drive Earth’s Biogeochemical Cycles
P. G. Falkowski, T. Fenchel, E. F. Delong 1034

Microbial Biogeography: From Taxonomy to Traits
J. L. Green, B. J. M. Bohannan, R. J. Whitaker 1039

Microbial Ecology of Ocean Biogeochemistry:
A Community Perspective
S. L. Strom 1043

>> Editorial p. 985; News stories pp. 1001 and 1006; Science Express Report by R. E. Ley et al.; Brevia p. 1046; Research Article p. 1047; Report p. 1081; for online content see p. 979 or go to www.sciencemag.org/microbiolalecology/

**NEWS OF THE WEEK**

Landslides, Flooding Pose Threats As Experts Survey Quake’s Impact 996

Farm Bill Gives Agriculture Research a Higher Profile in the Department 998

Australia’s New Science Budget Gets a Mixed Review 998

Hurricanes Won’t Go Wild, According to Climate Models 999

**SCIENTESCOPE**

Polar Bear Listing Opens Door to New Lawsuits
The Threat to the World’s Plants 1000

Bacteria Are Picky About Their Homes on Human Skin 1001

**NEWS FOCUS**

A New Great Lake—or Dead Sea?
The End of an Intellectual Dark Age? 1002

All That Makes Fungus Gardens Grow 1006

GLAST Mission Prepares to Explore the Extremes of Cosmic Violence 1008

www.sciencemag.org  SCIENCE  VOL 320  23 MAY 2008  Published by AAAS

**CONTENTS continued >>**
SCIENCE EXPRESS  
www.scienceexpress.org

CELL SIGNALING

The Rag GTPases Bind Raptor and Mediate Amino Acid Signaling to mTORC1  
Y. Sancak et al.

Nutrients, specifically amino acids, are sensed by small guanosine triphosphatases, which bind to a signaling complex, moving it close to the nucleus where it initiates cell growth.

10.1126/science.1157535

MICROBIOLOGY

Evolution of Mammals and Their Gut Microbes  
R. E. Ley et al.

Genomic sampling of the microbes in the feces of 60 mammals shows that herbivores harbor the most diversity and that individuals of the same species have the same flora.

>> Microbial Ecology section p. 1027

10.1126/science.1155725

CLIMATE CHANGE

Evidence for Upwelling of Corrosive “Acidified” Water onto the Continental Shelf  
R. A. Feely et al.

As a result of anthropogenic CO$_2$ uptake, corrosive seawater undersaturated with calcium carbonate shoaled on the continental shelf of western North America in 2007.

10.1126/science.1155676

LETTERS

Free Access to Landsat Imagery

The Landsat Science Team

Why Rowe-Clark Doesn’t Teach By the Book  
R. Kramer and V. Galurca

Science Education: Should Facts Come First? S. Guo

Response S. Freeman, J. Lawhorn, A. Zheng

A Victory for PETA C. R. Spiess

1011

TECHNICAL COMMENT ABSTRACTS

PHYSIOLOGY

Comment on “Brain IRS2 Signaling Coordinates Life Span and Nutrient Homeostasis”  
C. Selman, S. Lingard, D. Gems, L. Partridge, D. J. Withers

Response to Comment on “Brain IRS2 Signaling Coordinates Life Span and Nutrient Homeostasis”  
A. Taguchi and M. F. White

1012

BOOKS ET AL.

Systems Biology Philosophical Foundations  
F. C. Boogerd et al., Eds.; An Introduction to Systems Biology Design Principles of Biological Circuits  
U. Alon, reviewed by C. J. Cain et al.

BROWNSINGS

Phylogeny and Evolution of the Mollusca  
W. F. Ponder and D. R. Lindberg, Eds., reviewed by M. Glaubrecht

POLICY FORUM

Public-Private Partnerships and Scientific Imperialism  
T. J. Tucker and M. W. Makgoba

1016

PERSPECTIVES

Wi-Fi-Fo-Fum  
R. Morrow

SNO Removal  
A. Holmgren >> Research Article p. 1050

Marine Calcifiers in a High-CO$_2$ Ocean  
V. J. Fabry

Stronger, Tougher Steels  

Slicing and Dicing for Small RNAs  
J. A. Birchler and H. H. Kavi >> Report p. 1077

Retrospective: Edward N. Lorenz (1917–2008)  
K. Emanuel

1025

BREVIA

MICROBIOLOGY

Extending the Sub–Sea-Floor Biosphere  
E. G. Roussel et al.

Prokaryotic cells and DNA from Archaea are present at depths greater than 1 kilometer in sediments below the ocean floor, where temperatures range up to 100° Celsius.

1046
RESEARCH ARTICLES

MICROBIOLOGY
Virus Population Dynamics and Acquired Virus Resistance in Natural Microbial Communities
A. F. Andersson and J. F. Banfield
Fragments of viral genes found within Archaea and Bacteria genomes are part of an antiviral defense system and can be used to identify and track the viruses themselves.

BIOCHEMISTRY
Regulated Protein Denitrosylation by Cytosolic and Mitochondrial Thioredoxins
M. Benhar, M. T. Forrester, D. T. Hess, J. S. Stamler
Thioredoxins—known to be antioxidants—also remove nitrosyl groups from a protase to activate it and may also function in this way in other cellular regulatory systems. >> Perspective p. 1019

REPORTS

MATERIALS SCIENCE
Structural Diversity of Sodium
E. Gregoryanz et al.
Single-crystal diffraction data reveal that many crystalline phases of sodium, some quite complex, occur near its unusual minimum melting temperature at very high pressure.

MATERIALS SCIENCE
Inverse Temperature Dependence of Toughness in an Ultrfine Grain-Structure Steel
Y. Kimura, T. Inoue, F. Yin, K. Tszaki
A network of fine, fibrous grains formed at high temperatures substantially improves the strength and ductility of a low-alloy steel at low temperatures, where it is typically brittle. >> Perspective p. 1022

CELL BIOLOGY
A cell-surface enzyme that cleaves proteins is unexpectedly necessary for sensing when iron levels are low and thereby triggering compensatory absorption of iron from food.

MOLECULAR BIOLOGY
Endogenous siRNAs Derived from Transposons and mRNAs in Drosophila Somatic Cells
M. Ghildiyal et al.
Endogenous small interfering RNAs transcribed from both transposons and messenger RNAs are found in somatic cells of flies and may act to silence “selfish” genetic elements. >> Perspective p. 1023

EVOLUTION
A model of a marine plankton population reveals that ecologically distinct subgroups undergo sympatric speciation fast enough to overcome horizontal gene flow.

BIOCHEMISTRY
Detection of Silica-Rich Deposits on Mars
S. W. Squyres et al.
The rover Spirit has found opaline silica-rich soil and rocks on Mars, providing further evidence for extensive local mineralization by hydrothermal fluids at low pH.

MATERIALS SCIENCE
Dislocation-Driven Nanowire Growth and Eshelby Twist
A screw dislocation drives the growth of a nanowire pine tree, in which branches regularly extend from the trunk in a spiral, confirming Eshelby’s theory of dislocations.

PLANETARY SCIENCE
Detection of Silica-Rich Deposits on Mars
S. W. Squyres et al.
The rover Spirit has found opaline silica-rich soil and rocks on Mars, providing further evidence for extensive local mineralization by hydrothermal fluids at low pH.

GEOLOGY
Formation of Box Canyon, Idaho, by Megaflood: Implications for Seepage Erosion on Earth and Mars
M. P. Lamb et al.
A classic amphitheater-shaped canyon in Idaho, similar to features seen on Mars, formed in a glacial megaflood, not through groundwater seepage at its head as was thought.

GEOPHYSICS
Anticorrelated Seismic Velocity Anomalies from Post-Perovskite in the Lowermost Mantle
A. R. Hutko, T. Lay, J. Revenaugh, E. J. Garnero
Analysis of 10,000 seismic waves passing through the deep mantle shows that a velocity jump 300 kilometers above the core is caused by a phase change in a major mantle mineral.

PHYSIOLOGY
Differential Rescue of Light- and Food-Entrainable Circadian Rhythms
P. M. Fuller, J. Lu, C. B. Saper
When hungry, rodents may optimize their chances of finding food by engaging a food-entrained circadian clock in the brain that takes over from the light-driven clock.

BIOSCIENCES
Association with Fasting Plasma Glucose Levels
N. Bouatia-Naji et al.
Variation in a gene for a protein in the pancreas may help explain why people have different levels of fasting blood glucose, a factor that affects disease risk.

MEDICINE
The Serine Protease TMAPSS6 Is Required to Sense Iron Deficiency
X. Du et al.
A cell-surface enzyme that cleaves proteins is unexpectedly necessary for sensing when iron levels are low and thereby triggering compensatory absorption of iron from food.

PSYCHOLOGY
The Right and the Good: Distributive Justice and Neural Encoding of Equity and Efficiency
M. Hsu, C. Anen, S. R. Quartz
A brain region linked to emotion-processing systems is activated as humans weigh fairness to an individual against benefit for a group.
**Microbial Ecology**

**SCIENCE SIGNALING**

**THE SIGNAL TRANSDUCTION KNOWLEDGE ENVIRONMENT**

**EDITORIAL GUIDE:** Focus Issue—A Niche of One’s Own

*E. M. Adler and J. F. Foley*

The nature of microbe-host relationships often depends on signaling pathways in the host.

**PERSPECTIVE:** Diversification of the Function of Cell-to-Cell Signaling in Regulation of Virulence Within Plant Pathogenic Xanthomonads

*M. Dow*

Different plant pathogens use similar signaling molecules in distinct ways.

**PERSPECTIVE:** Bacterial-Modulated Signaling Pathways in Gut Homeostasis

*W.-J. Lee*

Stimulation of the production of reactive oxygen species in gut epithelial cells by commensal bacteria dampens the host immune response.

**PERSPECTIVE:** Etoxis—A Novel Cell Death Pathway

*F. Wartha and B. Henriques-Normark*

Pathogenic microbes are trapped and killed by mast cell– and neutrophil-derived extracellular traps.