Artist’s rendering of the film-nanoparticle plasmonic system. Spherical gold nanoparticles are coupled to a gold film substrate by means of an ultrathin layer that prevents the particles from directly touching the film. Electromagnetic ultrahot spots are excited in the gaps. The system enables the exploration of light interactions occurring on a scale of a few tenths of a nanometer, the diameter of a typical atom. See page 1072.

Image: Sebastian Nicosia and Cristian Ciraci
1066 Interception of Excited Vibrational Quantum States by O₂ in Atmospheric Association Reactions
D. R. Glowacki et al.
Vibrationally excited reaction intermediates play a bigger role under atmospheric conditions than previously suspected.
>> Perspective p. 1046

1069 Conduction of Ultracold Fermions Through a Mesoscopic Channel
J.-P. Brantut et al.
Lithium atoms are used to simulate electronic transport.

1072 Probing the Ultimate Limits of Plasmonic Enhancement
C. Ciraci et al.
The nonlocal dielectric response of metals places a fundamental limit on the performance of plasmonic optical devices.

1075 Biogenic Potassium Salt Particles as Seeds for Secondary Organic Aerosol in the Amazon
C. Pöhlker et al.
Potassium salt particles account for the previously mysterious initiation sites of aerosol growth above the Amazonian rainforest.
>> Science Podcast

1078 Radiative Absorption Enhancements Due to the Mixing State of Atmospheric Black Carbon
C. D. Cappa et al.
Direct measurements show that ambient atmospheric particulate black carbon absorbs less solar radiation than theory suggested.

1081 A Gain-of-Function Polymorphism Controlling Complex Traits and Fitness in Nature
K. V. S. K. Prasad et al.
Positive selection for a mutation that enhances resistance to herbivory in the model plant Boechera is described.

1084 Arbuscular Mycorrhizal Fungi Increase Organic Carbon Decomposition Under Elevated CO₂
L. Cheng et al.
Counter to expectations, fungi associated with plant roots diminish the carbon pool in soil ecosystems under elevated levels of carbon dioxide.
>> Perspective p. 1049

1087 How the Cucumber Tendril Coils and Overwinds
S. J. Gerbode et al.
Plants climb via lifelines that are a mix of strength and flexibility.

1091 A Single Progenitor Population Switches Behavior to Maintain and Repair Esophageal Epithelium
D. P. Doupé et al.
Dividing cells in the mouse esophagus contribute to wound healing without the need for quiescent stem cells.
>> Perspective p. 1051

1094 Identification of Small Molecule Activators of Cryptochrome
T. Hirota et al.
A small molecule binds to a core protein in the circadian clock and slows down time.

1097 Extreme Bendability of DNA Less than 100 Base Pairs Long Revealed by Single-Molecule Cyclization
R. Vafabakhsh and T. Ha
DNA molecules are not quite as stiff or standoffsish as originally thought.
>> Perspective p. 1045

1101 Network Context and Selection in the Evolution to Enzyme Specificity
H. Nam et al.
Are less promiscuous enzymes more highly evolved?

1104 Synthesis of Methylphosphonic Acid by Marine Microbes: A Source for Methane in the Aerobic Ocean
W. W. Metcalf et al.
The archaeon Nitrosopumilus maritimus makes what may be a major source of ocean methane.

1107 The Shared Antibiotic Resistome of Soil Bacteria and Human Pathogens
K. J. Forsberg et al.
Perfect identity between antibiotic resistance genes in farmland soil bacteria and human pathogens suggests direct transfer.
>> Science Podcast

1111 TLR13 Recognizes Bacterial 23S rRNA Devoid of Erythromycin Resistance–Forming Modification
M. Oldenburg et al.
A region of ribosomal RNA that confers antibiotic resistance is also recognized by mouse innate immune receptors.

1115 Compartmentalized Control of Skin Immunity by Resident Commensals
S. Naik et al.
The skin microbiota play a selective role in modulating immunity in the skin of mice.

CONTENTS continued >>
SCIENCE ONLINE

SCIENCEEXPRESS
www.sciencexpress.org

Kepler-47: A Transiting Circumbinary Multiplanet System
J. A. Orosz et al.
Data from the Kepler space telescope reveal two small planets orbiting a pair of two low-mass stars.
10.1126/science.1228380

A High-Coverage Genome Sequence from an Archaic Denisovan Individual
M. Meyer et al.
A close-up look provides clues to the relationships between modern humans, Denisovans, and Neandertals.
10.1126/science.1224344

>> News story p. 1028
Transcriptional Architecture and Chromatin Landscape of the Core Circadian Clock in Mammals
N. Koike et al.
A 1-day reconstruction of transcriptional events reveals the influence of the circadian clock across the genome.
10.1126/science.1226339

Processing and Subcellular Trafficking of ER-Tethered EIN2 Control Response to Ethylene Gas
H. Qiao et al.
The plant hormone ethylene triggers cleavage and translocation to the nucleus of a signaling component.
10.1126/science.1225974

Disulfide Rearrangement Triggered by Translocon Assembly Controls Lipopolysaccharide Export
S.-S. Chng et al.
Protein-protein interactions promote oxidative protein folding during assembly of a bacterial lipopolysaccharide exporter.
10.1126/science.1227215

TECHNICAL COMMENTS

Comment on “Intensifying Weathering and Land Use in Iron Age Central Africa”
K. Neumann et al.
A 1-day reconstruction of transcriptional events reveals the influence of the circadian clock across the genome.
10.1126/science.1226339

Comment on “Intensifying Weathering and Land Use in Iron Age Central Africa”
J. Maley et al.
Full text at www.sciencemag.org/cgi/content/full/337/6098/1040-c

Response to Comments on “Intensifying Weathering and Land Use in Iron Age Central Africa”
G. Bayon et al.
Full text at www.sciencemag.org/cgi/content/full/337/6098/1040-d

RESEARCH ARTICLE: The Stoichiometric Production of IL-2 and IFN-γ mRNA Defines Memory T Cells That Can Self-Renew After Adoptive Transfer in Humans
A. Wang et al.
Cytokines can identify memory T cells used for cancer immunotherapy.
FOCUS: FDA Oversight of Cell Therapy Clinical Trials
P. Au et al.
The U.S. Food and Drug Administration applies regulatory flexibility to balance benefits and risks to participants in cell-therapy clinical trials.
FOCUS: Designing a Public Square for Research Computing
D. R. Mayes et al.
The use of a set of principles when designing research computing applications can increase the likelihood of successful adoption by researchers.

SCIENCECAREERS
www.sciencecareers.org/career_magazine

Helping Paralympians Go for Gold
E. Pain
Sports biomechanics researcher Barry Mason works on improving wheelchair design for basketball and rugby athletes.
http://scim.ag/Paralympians

Spotlight on Diversity
M. Price
Filmmaker and physicist Aziza Baccouche, who is blind, showcases the challenges and successes of diverse scientists in a new documentary series.
http://scim.ag/DiversityDocumentary

SCIENCE PODCAST
www.sciencepodcast.org

On the 31 August Science Podcast: a reservoir of antibiotic resistance, forests that control the rain, the latest in Denisovan DNA, and more.

SCIENCE INSIDER
news.sciencemag.org/scienceinsider
Science Policy News and Analysis

RESEARCH ARTICLE: A VASP-Rac–Soluble Guanylyl Cyclase Pathway Controls cGMP Production in Adipocytes
K. Jennissen et al.
Targeting the cGMP effector VASP may enhance metabolism by stimulating the activity and abundance of brown adipocytes.

RESEARCH ARTICLE: The Complex of G Protein Regulator RG59-2 and Gβ5 Controls Sensitization and Signaling Kinetics of Type 5 Adenylyl Cyclase in the Striatum
K. Xie et al.
By suppressing cAMP production in the striatum, the RG59-2/Gβ5 complex could affect the development of opioid addiction.

PERSPECTIVE: Do Pancreatic β cells “Taste” Nutrients to Secrete Insulin?
J.-C. Henquin
The role of β cell taste receptors in the control of insulin secretion is unclear.

PODCAST
G. Wang and A. M. VanHook
A protease can help protect against neurodegeneration by preventing inflammation in microglia.

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Integrating Medicine and Science 29 August issue: http://scim.ag/stm082912

RESEARCH ARTICLE: Clonal Evolution of Preleukemic Hematopoietic Stem Cells Precedes Human Acute Myeloid Leukemia
M. Jan et al.
Exome sequencing and single-cell analysis reveal that a clonal progression of mutations in hematopoietic stem cells precedes human acute myeloid leukemia.

RESEARCH ARTICLE: A Dense Poly(Ethylene Glycol) Coating Improves Penetration of Large Polymeric Nanoparticles Within Brain Tissue
E. A. Nance et al.
Nanoparticles densely coated with poly(ethylene glycol) rapidly penetrate within mouse, rat, and human brain parenchyma.

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1015
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