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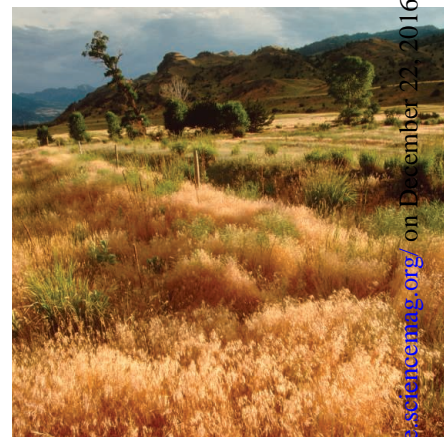
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ON THE WEB THIS WEEK

>> Science Podcast

Listen to stories on shaping liquids with nanoparticles, eating scorpions with ease, the first Americans, and more.

>> Find More Online

Check out *Science Express*, our podcast, videos, daily news, our research journals, and *Science Careers* at www.sciencemag.org.



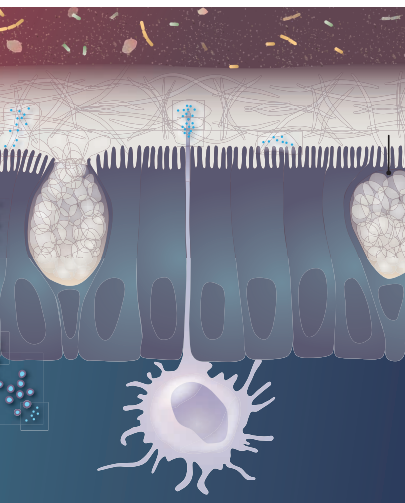
COVER

The 2014 AAAS Annual Meeting will take place 13 to 17 February in Chicago, Illinois. The meeting's theme—*Meeting Global Challenges: Discovery and Innovation*—focuses on finding sustainable solutions through inclusive, international, and interdisciplinary efforts that are most useful to society and enhance economic growth. The preliminary program begins on page 486.

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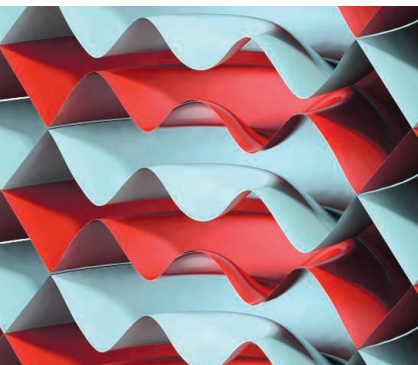
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RESEARCH ARTICLES

- 440 **Fine Tuning of Craniofacial Morphology by Distant-Acting Enhancers**
C. Attanasio et al.

Targeted deletion of individual craniofacial enhancers from the mouse genome sculpts facial shapes.

Research Article Summary; for full text: <http://dx.doi.org/10.1126/science.1241006>

>> Video

- 441 **Voltage-Gated Sodium Channel in Grasshopper Mice Defends Against Bark Scorpion Toxin**

A. H. Rowe et al.

Grasshopper mice use the scorpion's strength against it—instead of inducing pain, scorpion venom blocks pain.

>> Perspective p. 428; Science Podcast; Video

- 447 **Mucus Enhances Gut Homeostasis and Oral Tolerance by Delivering Immunoregulatory Signals**

M. Shan et al.

Mucus not only forms a physical barrier in the intestine but also promotes immunological tolerance of bacteria and foods.

>> Perspective p. 432

REPORTS

- 453 **Observation of Floquet-Bloch States on the Surface of a Topological Insulator**

Y. H. Wang et al.

Time- and angle-resolved photoemission spectroscopy is used to observe coherent coupling of light with electronic states.

- 457 **From Few to Many: Observing the Formation of a Fermi Sea One Atom at a Time**

A. N. Wenz et al.

Interactions in a one-dimensional few-atom gas of ⁶Li exhibit a fast convergence to the limit of many particles.

- 460 **Stabilizing Liquid Drops in Nonequilibrium Shapes by the Interfacial Jamming of Nanoparticles**

M. Cui et al.

A self-assembling composite surfactant can be used to make stable droplets with complex shapes.

>> Science Podcast

- 463 **Mass-Independent Oxygen Isotopic Partitioning During Gas-Phase SiO₂ Formation**

S. Chakraborty et al.

The earliest solids in the solar system may have formed from a gas-phase reaction of SiO and OH.

- 466 **Strong Premelting Effect in the Elastic Properties of hcp-Fe Under Inner-Core Conditions**

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Elastic weakening of iron just before melting explains variations in the seismic structure of Earth's inner core.

- 468 **Atypical Combinations and Scientific Impact**

B. Uzzi et al.

Highly cited work is simultaneously conventional and unconventional.

- 472 **A Radical Intermediate in Tyrosine Scission to the CO and CN⁻ Ligands of FeFe Hydrogenase**

J. M. Kuchenreuther et al.

Electron paramagnetic resonance spectroscopy elucidates a key step in the biosynthesis of hydrogenase active site ligands.

- 475 **Causes and Effects of N-Terminal Codon Bias in Bacterial Genes**

D. B. Goodman et al.

The structure of the 5' ends of messenger RNAs downstream of the start of protein translation has a major effect on protein expression.

- 479 **2000 Years of Parallel Societies in Stone Age Central Europe**

R. Bollongino et al.

Genetic and isotopic evidence document changes occurring in Europe during the Neolithic era.

- 482 **Changing Social Norm Compliance with Noninvasive Brain Stimulation**

C. C. Ruff et al.

Right lateral prefrontal cortex activity affects sanction-based compliance with behavioral norms in humans.

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