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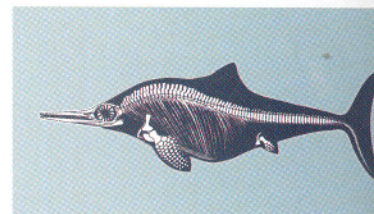
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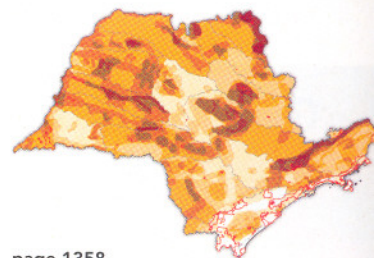
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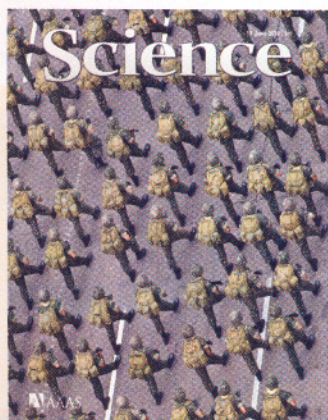
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COVER

Rows of marching soldiers will risk their lives to defeat the enemy and protect their country during intergroup conflicts. This combination of self-sacrifice and aggression toward competing groups is known as parochial altruism. A Report on page 1408 reveals that this behavior is regulated by oxytocin, a short peptide produced in the hypothalamus and known to promote in-group trust and cooperation.

Photo: Fernando Bueno/Getty Images

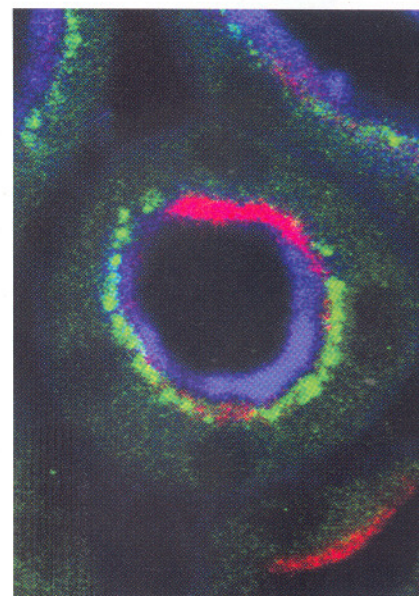
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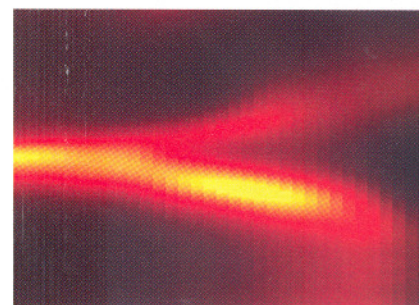
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- 1370** Mechanical Control of Spin States in Spin-1 Molecules and the Underscreened Kondo Effect
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- 1376** Quaternary Ammonium (Hypo)iodite Catalysis for Enantioselective Oxidative Cycloetherification
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- 1388** Stochastic Community Assembly Causes Higher Biodiversity in More Productive Environments
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- 1404** Covering a Broad Dynamic Range: Information Processing at the Erythropoietin Receptor
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Modeling and experiments help to explain responsiveness of red blood cell precursors to very large changes in a proliferative signal.
- 1408** The Neuropeptide Oxytocin Regulates Parochial Altruism in Intergroup Conflict Among Humans
C. K. W. De Dreu et al.
A hypothalamic hormone modulates bonding within a group and defense-related aggression between competing groups.
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- 1412** Focal Lesions of Human Hippocampal CA1 Neurons in Transient Global Amnesia Impair Place Memory
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A Giant Planet Imaged in the Disk of the Young Star β Pictoris
A.-M. Lagrange et al.

The Very Large Telescope reveals that a huge planet formed within a star's dusty disk in a few million years.

10.1126/science.1187187

Capture of the Sun's Oort Cloud from Stars in Its Birth Cluster
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Some Oort cloud comets may have originated in the protoplanetary disk of stars other than the Sun.

10.1126/science.1187535

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Controlled Injection of Spin-Triplet Supercurrents into a Strong Ferromagnet
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Unusual magnetic ordering in a rare earth metal is used to create superconducting currents with aligned spins.

10.1126/science.1189246

Reprogramming of T Cells to Natural Killer-Like Cells upon *Bcl11b* Deletion
P. Li et al.

A transcription factor is essential for maintenance of T cell identity.

10.1126/science.1188063

Ku70 Corrupts DNA Repair in the Absence of the Fanconi Anemia Pathway
P. Pace et al.

A specific pathway protects damaged DNA from error-prone repair.

10.1126/science.1192277

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Tracking Disease Through Mosquito Slobber

Saliva left behind by feeding mosquitoes reveals whether they're infected with dangerous viruses.

Crocodiles Know How to Ride the Tides

Crafty crocs cruise in favorable currents to cover vast distances.

Learning the Mongoose Ways

African carnivores pass down traditions to their young.

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RESEARCH ARTICLE: Purinergic Signaling—A Fundamental Mechanism in Neutrophil Activation
Y. Chen et al.

Neutrophil activation by infectious and inflammatory signals requires ATP release and its feedback through purinergic receptors.

RESEARCH ARTICLE: β -Arrestin-Biased Agonism of the Angiotensin Receptor Induced by Mechanical Stress
K. Rakesh et al.

PODCAST

H. A. Rockman and A. M. VanHook

Mechanical stress on hearts triggers β -arrestin-dependent cell survival signaling through the angiotensin receptor.

PERSPECTIVE: Eradicating the Mediators of Neuronal Death with a Fine-Tooth Comb
R. S. Zukin

Polycomb group proteins promote the acquisition of ischemic tolerance in neurons.

SCIENCE CAREERS

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Free Career Resources for Scientists

Audacity, Part 5: Rejection and Ridicule
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The deeper your idea cuts into the heart of a field, the more your peers are likely to challenge you.

Designing a Career in Biomedical Engineering
E. Pain

Engineers, biologists, mathematicians, physicists, and chemists all contribute to the development of medical devices.

A New Partnership Aims to Improve Research Careers Down Under
E. Finkel

Edwina McGlinn will be Australia's first program leader in a partnership with the European Molecular Biology Laboratory.

SCIENCE TRANSLATIONAL MEDICINE

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Integrating Medicine and Science

COMMENTARY: Reaping the Benefits of Biomedical Research—Partnerships Required
L. M. Portilla and B. Alving

The National Institutes of Health are exploring multiple ways in which to increase the efficiency of the translational process.



SCIENCE SIGNALING

Heart's response to mechanical stress.

RESEARCH ARTICLE: Gatekeeper Mutations Mediate Resistance to BRAF-Targeted Therapies
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PERSPECTIVE: On or Off Target—Mutations, Models, and Predictions
L. A. Garraway and W. C. Hahn

An elegant biochemical study reconciles some of the confusing aspects of the discovery and development of anticancer drugs that inhibit the RAF protein kinase.

RESEARCH ARTICLE: Systemic Delivery of scAAV9 Expressing SMN Prolongs Survival in a Model of Spinal Muscular Atrophy
C. F. Valori et al.

An adeno-associated virus vector expressing the survival motor neuron protein rescues mice with spinal muscular atrophy.

SCIENCE PODCAST

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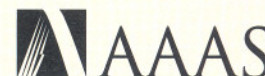
Download the 11 June *Science* Podcast to hear about oxytocin's role in parochial altruism, the origins of Oort cloud comets, evidence that Polynesians sailed to South America, and more.

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