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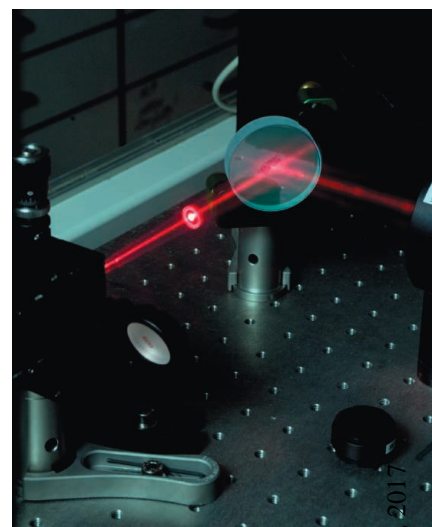
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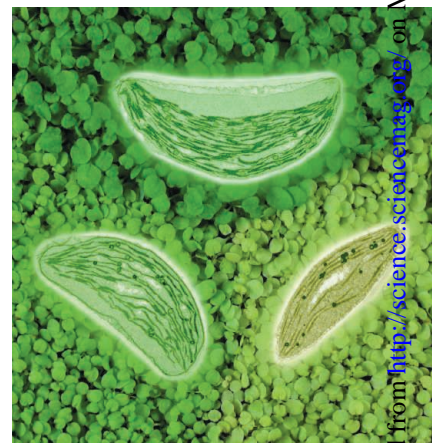
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SCIENCEEXPRESS

www.scienceexpress.org

Publication Ahead of Print

The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars

M. Ackermann et al.

10.1126/science.1227160

Para-Aminosalicylic Acid Acts as an Alternative Substrate of Folate Metabolism in *Mycobacterium tuberculosis*

S. Chakraborty et al.

10.1126/science.1228980

Mice Lacking a *Myc* Enhancer That Includes Human SNP rs6983267 Are Resistant to Intestinal Tumors

I. K. Sur et al.

10.1126/science.1228606

Content-Specific Fronto-Parietal Synchronization During Visual Working Memory

R. F. Salazar et al.

10.1126/science.1224000

Influence of Threonine Metabolism on S-Adenosylmethionine and Histone Methylation

N. Shyh-Chang et al.

10.1126/science.1226603

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Comment and Response on "Multiyear Prediction of Monthly Mean Atlantic Meridional Overturning Circulation at 26.5°N"

Comment: G. A. Vecchi et al.

<http://dx.doi.org/10.1126/science.1222566>

Response: D. Matei et al.

<http://dx.doi.org/10.1126/science.1223200>

SCIENCE NOW

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Highlights From Our Daily News Coverage

Using Gut Bacteria to Fight Diarrhea

Mice show a treatment for chronic infection.

http://bit.ly/Gut_Bacteria

Dinosaurs Sprouted Wings Earlier Than Previously Thought

However, these wings were probably used for courtship or brooding rather than flight.

http://bit.ly/Dino_wings

Oceans Getting Too Hot to Handle?

Tropical marine organisms are shifting northward as temperatures rise.

http://bit.ly/Shifting_Plankton

SCIENCE SIGNALING

www.sciencesignaling.org

The Signal Transduction Knowledge Environment

30 October issue: <http://scim.ag/ss103012>

RESEARCH ARTICLE: Mice Lacking the ITIM-Containing Receptor G6b-B Exhibit Macrothrombocytopenia and Aberrant Platelet Function

A. Mazharian et al.

PODCAST

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An inhibitory receptor ensures that megakaryocytes produce proper numbers of functional platelets.

MEETING REPORT: Stress Response and Child Health

E. Charmandari et al.

Endocrine and inflammatory responses to stress affect many aspects of development, physiology, and cognition.

PRESENTATION: Prenatal Stress, Telomere Biology, and Fetal Programming of Health and Disease Risk

S. Entringer et al.

Telomere biology may link intrauterine stress to newborn, child, and adult health and disease risk.

PRESENTATION: Protein Complexes and Target Genes Identification by in Vivo Biotinylation—The STAT5 Paradigm

E. Katsantoni

A transcription factor's interacting partners and target genes can reveal context-specific signaling and transcriptional outputs.

SCIENCE TRANSLATIONAL MEDICINE

www.sciencetranslationalmedicine.org

Integrating Medicine and Science

31 October issue: <http://scim.ag/stm103112>

RESEARCH ARTICLE: Food-Grade Bacteria Expressing Elafin Protect Against Inflammation and Restore Colon Homeostasis

J. P. Motta et al.

Gut bacteria engineered to make a protease inhibitor inhibit inflammation and heal colitis in mice.

RESEARCH ARTICLE: Immune Parameters Correlate with Protection Against Ebola Virus Infection in Rodents and Nonhuman Primates

G. Wong et al.

Antibody induction may serve as a surrogate for survival in protecting against Ebola infection.

RESEARCH ARTICLE: Window Reveals a Pre-Micrometastasis Stage During Liver Metastasis

L. Ritsma et al.

FOCUS: A Window into Metastasis

D. Brucker et al.

An abdominal window allows imaging of cancer metastasis in real time.

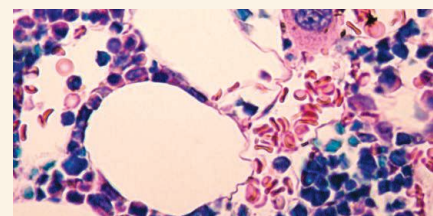
EDITORIAL: Emerging Economies, Enduring Partnerships

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Mutually beneficial innovation alliances are built on belief in a joint mission and a shared vision.



SCIENCE SIGNALING

Platelet-producing megakaryocytes.

REVIEW: Computational Medicine—Translating Models to Clinical Care

R. L. Winslow et al.

Modeling molecular networks, physiology, and anatomy could improve personalized medicine.

SCIENCE CAREERS

www.sciencereers.org/career_magazine

Free Career Resources for Scientists

<http://scim.ag/SciCareers2November2012>

A Modest Workforce Proposal

M. Price

An NAS report forgoes skills-gap rhetoric and focuses on DOD's needs.

Taken for Granted: Ethics Across Borders

B. L. Benderly

Different approaches to responsible research conduct challenge scientists working internationally.

myIDP: Interests

B. Lindstaedt et al.

It sounds obvious, but when choosing a career path, you need to think hard about what you like to do.

SCIENCE PODCAST

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