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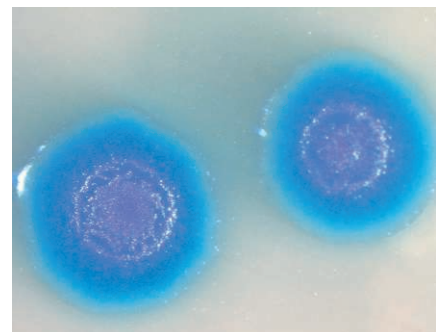
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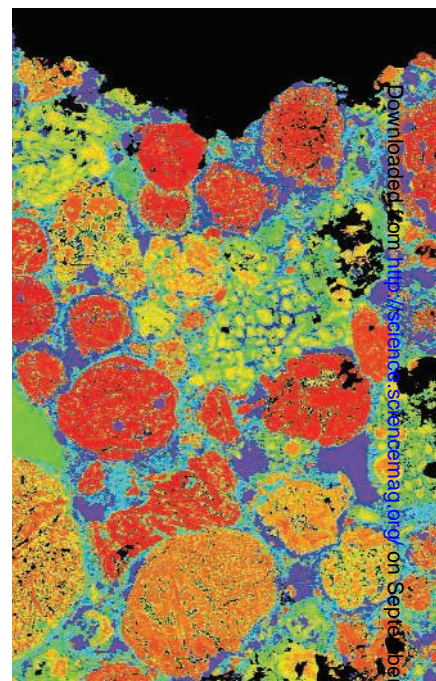
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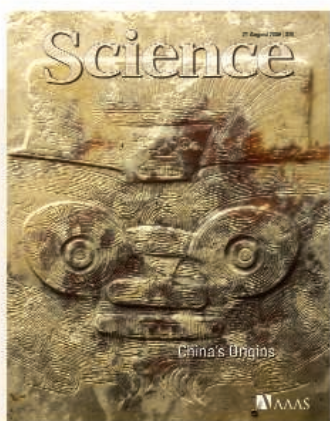


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COVER

This elegantly carved jade face from Liangzhu in southeastern China provides an intriguing glimpse into the beliefs of the people who lived there from 3400 B.C.E. to 2250 B.C.E. As described in a special News Focus section beginning on page 930, discoveries at Liangzhu and other regions far from the traditional heartland of Chinese civilization are revealing surprisingly complex ancient cultures that thrived in far-flung regions of China.

Photo: Liu Bin/Archaeological Institute of Zhejiang Province

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Optimizing Influenza Vaccine Distribution

J. Medlock and A. P. Galvani

Age-related transmission patterns should be incorporated into vaccine distribution policy to minimize the impact of epidemics.

10.1126/science.1175570

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Creating Bacterial Strains from Genomes That Have Been Cloned and Engineered in Yeast

C. Lartigue et al.

A *Mycoplasma mycoides* genome was engineered in yeast and then transplanted into *Mycoplasma capricolum* cells to produce a new strain.

10.1126/science.1173759

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Eos Mediates Foxp3-Dependent Gene Silencing in CD4⁺ Regulatory T Cells

F. Pan et al.

A transcription factor required for gene suppression in regulatory T cells is identified.

10.1126/science.1176077

Memory Metamaterials

T. Driscoll et al.

A tunable metamaterial is demonstrated that can remember its switched state.

10.1126/science.1176580

Gold Helix Photonic Metamaterial as Broadband Circular Polarizer

J. K. Gansel et al.

A three-dimensional array of gold nano-helices can polarize light over a wide range of wavelengths.

10.1126/science.1177031

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Study shows that mobile phone calls accurately reflect people's relationships.

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RESEARCH ARTICLE: Differential p53-Independent Outcomes of p19^{Arf} Loss in Oncogenesis

Z. Chen et al.

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RESEARCH ARTICLE: The Plant NADPH Oxidase RBOHD Mediates Rapid Systemic Signaling in Response to Diverse Stimuli

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RESEARCH ARTICLE: Quantitative Phosphoproteomic Analysis of T Cell Receptor Signaling Reveals System-Wide Modulation of Protein-Protein Interactions

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RESEARCH ARTICLE: Mitofusin 2 Inhibits Mitochondrial Antiviral Signaling

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PERSPECTIVE: mTORC1 Phosphorylates the ULK1-mAtg13-FIP200 Autophagy Regulatory Complex

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The kinase complex mTORC1 links nutrient availability to autophagy.

PERSPECTIVE: miRNA Regulation Through Ligand Occupancy of a Nuclear Hormone Receptor

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D. Jensen

There is more common ground between industry and academia than you think.

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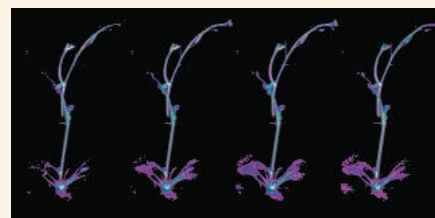
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Three postdocs describe their early and successful transitions to research independence.

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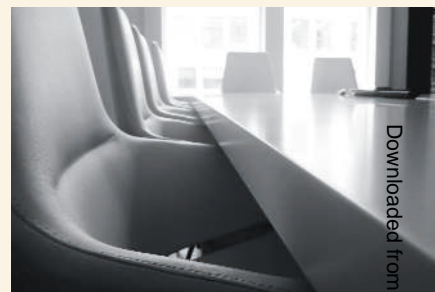
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