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COVER

The Phoenix spacecraft on the martian polar plains (68°N latitude). The footpad at the bottom is about 1 meter below the spacecraft deck seen at the lower left. Overlaid images are trenches dug to either nearly pure water ice or ice-cemented soil. Analyses of samples taken from these trenches give clues to the history of the region. Results from the Phoenix mission are discussed in four Reports beginning on page 58.

Image: NASA/JPL-Caltech/University of Arizona/Texas A&M/
M. T. Lemmon

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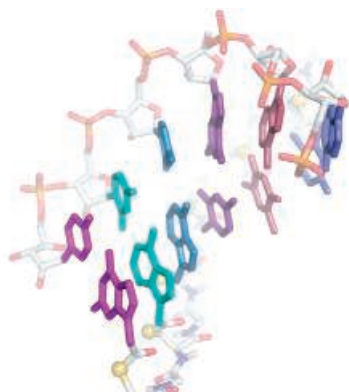
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SCIENCEONLINE

SCIENCEEXPRESS

www.scienceexpress.org

Transmission and Pathogenesis of Swine-Origin 2009 A(H1N1) Influenza Viruses in Ferrets and Mice

T. R. Maines et al.
10.1126/science.1177238

Pathogenesis and Transmission of Swine-Origin 2009 A(H1N1) Influenza Virus in Ferrets

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Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT

A. A. Abdo et al.
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10.1126/science.1175558

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A. A. Abdo et al.
These objects appear to share a common emission mechanism with standard gamma-ray pulsars.
10.1126/science.1176113

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EDITORIAL GUIDE: Challenging Times

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RESEARCH ARTICLE: Therapeutically Targeting ErbB3—A Key Node in Ligand-Induced Activation of the ErbB Receptor-PI3K Axis

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RESEARCH ARTICLE: PKC ϵ Regulation of an α_5 Integrin-ZO-1 Complex Controls Lamellae Formation in Migrating Cancer Cells

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SCIENCE CAREERS

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Taken for Granted: An Alternative to the Ph.D. Track

B. L. Benderly
Employment prospects for professional science master's degree program graduates seem strong.

Fun with Fungi: Mycology Careers

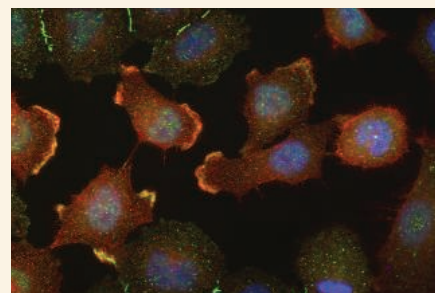
S. Coelho
Mycologists can find career opportunities in areas from academic research to applied agriculture.

Funding News

GrantsNet Staff
The Funding News, now published weekly, provides the latest index of research funding and student support.



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Homing phone.



SCIENCE SIGNALING
Adhesion proteins in lamellae.

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