

SPECIAL SECTION

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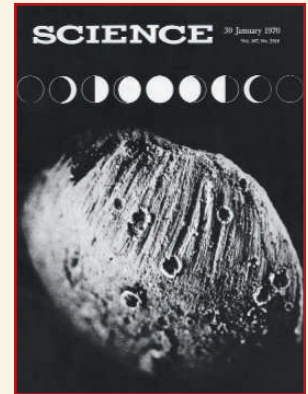
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### CELEBRATE THE 40<sup>TH</sup> ANNIVERSARY OF THE APOLLO 11 MOON LANDING

The scientific results of that mission and samples returned from the Moon, published in our 20 January 1970 issue, are now freely available with registration at [www.sciencemag.org/apollo11](http://www.sciencemag.org/apollo11).

Downloaded from <http://science.sciencemag.org/> on February 19, 2019

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Image: Matthew Hurst

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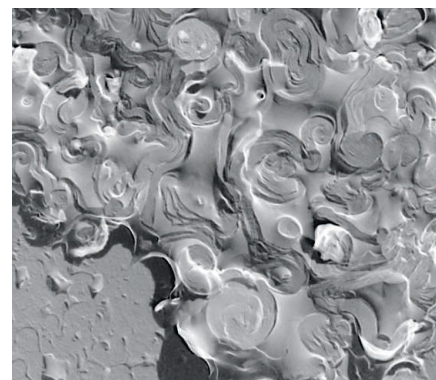
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[www.sciencexpress.org](http://www.sciencexpress.org)

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*B. Lassagne et al.*  
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### Strong Coupling Between Single-Electron Tunneling and Nanomechanical Motion

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Individual electrons tunneling onto and out of a carbon nanotube can be used to tune its oscillatory motion.

10.1126/science.1176076

### Motile Cilia of Human Airway Epithelia Are Chemosensory

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Airway epithelia directly sense and respond to noxious substances.

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*H.-X. Hao et al.*

Analysis of a yeast mitochondrial protein reveals a human tumor susceptibility gene.

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### Bcl6 Mediates the Development of T Follicular Helper Cells

*R. I. Nurieva et al.*

A transcription factor controls follicular T helper cell differentiation.

10.1126/science.1176676

## SCIENCENOW

[www.sciencenow.org](http://www.sciencenow.org)

Highlights From Our Daily News Coverage

### How a Raindrop Is Like an Exploding Parachute

High-speed videos reveal secret to raindrop size.

### No Risk in Disclosing Genetic Risks

Researchers find that patients suffer no adverse mental effects after hearing bad news.

### Elephants Don't Always Keep It in the Family

When decimated by humans, elephants turn to friends to beef up their numbers.

## SCIENCESIGNALING

[www.sciencesignaling.org](http://www.sciencesignaling.org)

The Signal Transduction Knowledge Environment

### RESEARCH ARTICLE: SIK1 Couples LKB1 to p53-Dependent Anoikis and Suppresses Metastasis

*H. Cheng et al.*

Loss of SIK1 suppresses cell death resulting from loss of cell anchorage and promotes metastasis in the absence of primary tumors.

### RESEARCH ARTICLE: Intracellular Delivery of a Cell-Penetrating SOCS1 That Targets IFN- $\gamma$ Signaling

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### EDITORIAL GUIDE: Signals to Neurodegeneration

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### RESEARCH ARTICLE: Inhibition of mTOR Signaling in Parkinson's Disease Prevents L-DOPA-Induced Dyskinesia

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Blocking mTORC1 activity may decrease the unwanted involuntary movements associated with L-DOPA treatment.

### PERSPECTIVE: Functional Amyloids Signal Their Arrival

*M. P. Badtke et al.*

Several peptide and protein hormones are stored in an amyloid configuration in secretory granules.

## PODCAST

*W. Wong and A. M. VanHook*

A small G protein may limit the toxicity of mutant huntingtin to the brain.

## SCIENCECAREERS

[www.sciencereers.org/career\\_magazine](http://www.sciencereers.org/career_magazine)

Free Career Resources for Scientists

### Math Education Researchers in Demand

*C. Wald*

In 2007, 40 percent of faculty positions in mathematics education went unfilled.

### Tangled Webs: Careers in Network Science

*S. Carpenter*

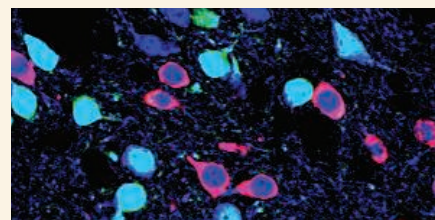
The booming science of networks reveals hidden connections in just about everything.

>> *Complex Systems and Networks section p. 405*

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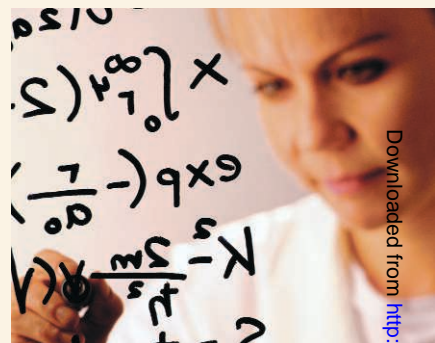
*GrantsNet Staff*

The Funding News, published weekly, provides the latest sources of research and education grants.



## SCIENCESIGNALING

Neurons from Parkinsonian mice.



## SCIENCECAREERS

Researchers studying math education.

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Science Policy News and Analysis

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