



COVER

A lined day gecko (*Phelsuma lineata*) from Andasibe, eastern Madagascar. This gecko is one of the 2315 species analyzed to identify optimal expansion sites for protected areas within Madagascar, as described on page 222.

Photo: Miroslav Honzák

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A segment of the outer shell of a multiwall carbon nanotube can move back and forth in response to a thermal gradient created by electrical current passing through the nanotube.

10.1126/science.1155559

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Temperature Sensing by an Olfactory Neuron in a Circuit Controlling Behavior of *C. elegans*

A. Kuhara et al.

An olfactory neuron in *Caenorhabditis elegans* also senses the ambient temperature and is necessary for worms' propensity to seek out the temperature at which they were raised.

10.1126/science.1148922

SCIENCE EXPRESS

www.scienceexpress.org

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Endogenous siRNAs Derived from Transposons and mRNAs in *Drosophila* Somatic Cells

M. Ghildiyal et al.

Endogenous small interfering RNAs transcribed from both transposons and messenger RNAs are found in somatic cells of flies and may act to silence "selfish" genetic elements.

10.1126/science.1157396

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C. Dostert et al.

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10.1126/science.1156995

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Birdseed. Friend or foe?

SCIENCE NOW

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Birds on the Dole

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The Long and Short of It

Dozens of genes and DNA regions linked to height.

Converted Cells Show Promise for Parkinson's

Induced pluripotent stem cells mitigate movement disorder in rats.



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CAREER RESOURCES FOR SCIENTISTS

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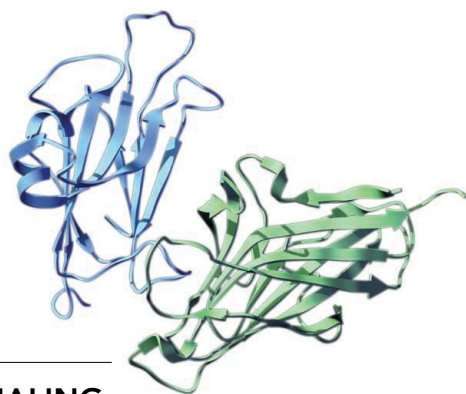
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SCIENCE SIGNALING

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REVIEW: Eph, a Protein Family Coming of Age—More Confusion, Insight, or Complexity?

M. Lackmann and A. W. Boyd

Eph receptors and their ephrin ligands coordinate cell-positioning programs during development and oncogenesis.

JOURNAL CLUB: GABA Effects on Neurogenesis—An Arsenal of Regulation

T.-F. Yuan

γ -aminobutyric acid (GABA) regulates neurogenesis in various circumstances.

SCIENCE PODCAST

Download the 11 April *Science* Podcast to hear about possible radioprotective drugs, modeling the Cretaceous supergreenhouse, new treatments for alcoholism, and more.

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