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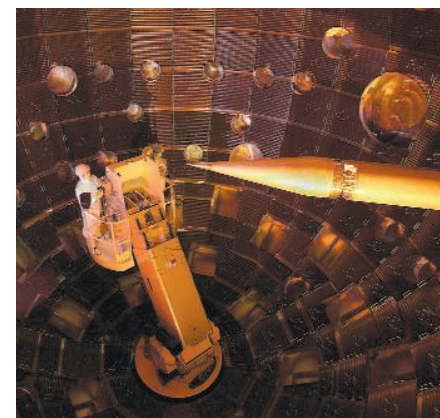
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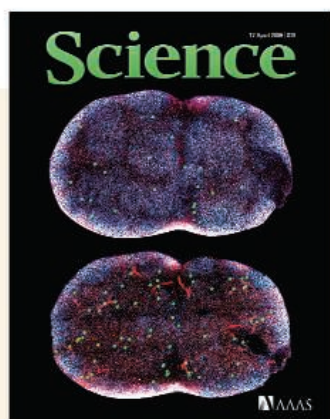


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Image: Gabriel Victora and Tanja Schwickert, the Nussenzweig Laboratory, Rockefeller University

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10.1126/science.1173507

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10.1126/science.1170023

The Nuclear DNA Base 5-Hydroxymethylcytosine Is Present in Purkinje Neurons and the Brain

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The genome of mammals contains appreciable amounts of a previously undescribed modified DNA base.
10.1126/science.1169786

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full text at www.sciencemag.org/cgi/content/full/324/5925/336b

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EDITORIAL GUIDE: The Protein Dynamics of Cell Signaling

W. Wong and N. R. Gough

Changes in the conformation, binding partners, or localization of signaling proteins affect the flow of information through signaling cascades.

RESEARCH ARTICLE: Mechanical Signals Trigger Myosin II Redistribution and Mesoderm Invagination in *Drosophila* Embryos

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MEETING REPORT: Visualizing Immune System Complexity

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Tooling Up: The Business Development Career Track

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In the Trenches: Science for Humanitarian Aid

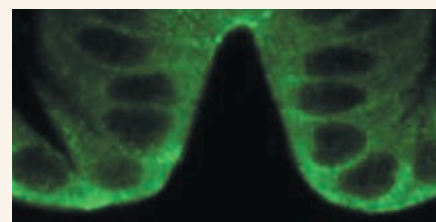
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Humanitarian relief organizations need scientists to work in regions experiencing wars or natural disasters.

From the Archives: The Academic Scientists' Toolkit

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Today's faculty must know research but must also have all the skills of a manager.



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Invagination of the mesoderm.



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