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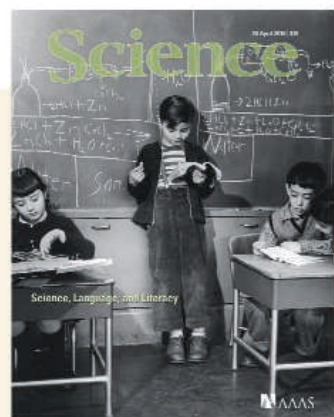
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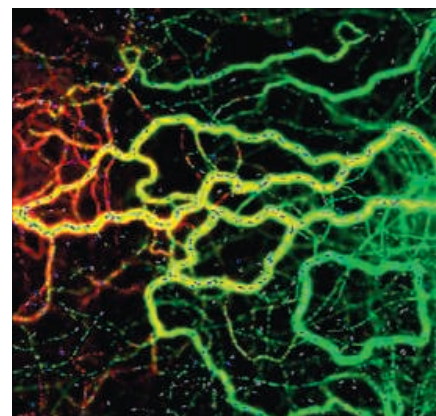
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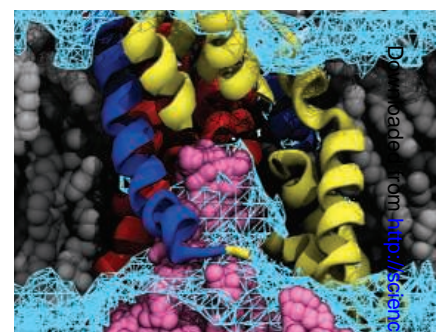
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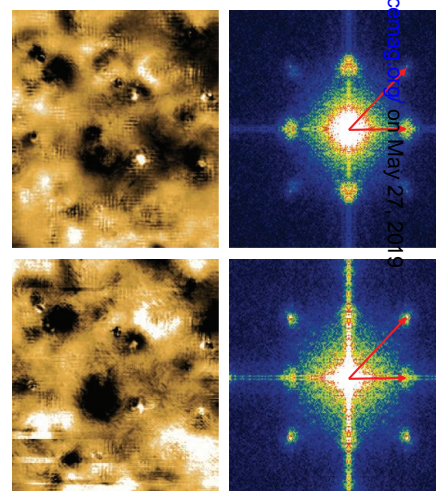
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Nanoscale Three-Dimensional Patterning of Molecular Resists by Scanning Probes

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A molecular glass can be patterned to dimensions of tens of nanometers with a heated scanning probe tip.
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Small Silencing RNAs in Plants Are Mobile and Direct Epigenetic Modification in Recipient Cells

A. Molnar et al.

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Small RNA Duplexes Function as Mobile Silencing Signals Between Plant Cells

P. Dunoyer et al.

Small double-stranded interfering RNAs move between cells and can direct DNA methylation.
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Neural Crest-Derived Pericytes Promote Egress of Mature Thymocytes at the Corticomedullary Junction

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The Onset of Collective Behavior in Social Amoebae

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10.1126/science.1183415

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RESEARCH ARTICLE: Systems Pharmacology of Arrhythmias

S. I. Berger et al.

PODCAST

S. I. Berger et al.

Integration of drug and protein interaction data with genetic data enables the prediction of adverse drug effects.

JOURNAL CLUB: Competitive Outgrowth of Neural Processes Arising from Long-Distance cAMP Signaling

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Differences in neurite cyclic nucleotide concentrations regulate their differential outgrowth.

JOURNAL CLUB: TRIM Proteins—Another Class of Viral Victims

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Influenza A virus suppresses the host interferon response by interfering with the RIG-I and TRIM25 antiviral molecules.

JOURNAL CLUB: T Cells with Commitment Issues

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Some subsets of differentiated T cells retain phenotypic plasticity.

SCIENCE CAREERS

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Free Career Resources for Scientists

Translating the Puzzle of Autism Into Treatment

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A complex fabric of researchers work to understand and treat autism.

Teaching Science to Nonscience Majors

E. Pain

Faculty who teach science to nonmajors promote science literacy overall.

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COMMENTARY: Refocusing the War on Cancer—The Critical Role of Personalized Treatment

A. Potti et al.

Success in cancer therapy requires new strategies for matching treatments with individual patients.



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Understanding the puzzle of autism.

PERSPECTIVE: Drug Resistance, Epigenetics, and Tumor Cell Heterogeneity

T. Hoey

Acquisition of drug resistance can occur through changes at the chromatin level in subpopulations of cancer cells.

RESEARCH ARTICLE: Lentiviral Overexpression of GRK6 Alleviates L-DOPA-Induced Dyskinesia in Experimental Parkinson's Disease

M. R. Ahmed et al.

G protein-coupled receptor kinase 6 alleviates dyskinesia without compromising the antiparkinsonian effect of L-DOPA.

RESEARCH ARTICLE: Brief Suppression of *Abcc8* Prevents Autodestruction of Spinal Cord After Trauma

J. M. Simard et al.

Secondary injury that occurs after trauma to the spinal cord can be prevented by inhibiting expression of the gene for a calcium transporter.

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SCIENCE (ISSN 0036-8075) is published weekly on Friday, except the last week in December, by the American Association for the Advancement of Science, 1200 New York Avenue, NW, Washington, DC 20005. Periodicals Mail postage (publication No. 484460) paid at Washington, DC, and additional mailing offices. Copyright © 2010 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): \$146 (\$74 allocated to subscription). Domestic institutional subscription (51 issues): \$910; Foreign postage extra: Mexico, Caribbean (surface mail) \$55; other countries (air assist delivery) \$85. First class, airmail, student, and emeritus rates on request. Canadian rates with GST available upon request, GST #1254 88122. Publications Mail Agreement Number 1069624. **Printed in the U.S.A.**

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Science

328 (5977)

Science **328** (5977), 403-515.

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