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Observation of an Antimatter Hypernucleus
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Iron-Clad Fibers: A Metal-Based Biological Strategy for Hard Flexible Coatings
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The innate immune system may promote metabolic health through effects on gut microbes. 10.1126/science.1179721

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Female lizards improve their fitness by biasing the sex ratio of their progeny on the basis of sire body size. 10.1126/science.1185550

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full text at www.sciencemag.org/cgi/content/full/327/5970/1200-c

Response to Comment on “Movement Intention After Parietal Cortex Stimulation in Humans” A. Sirigu et al.
full text at www.sciencemag.org/cgi/content/full/327/5970/1200-d

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RESEARCH ARTICLE: Polycym Group Proteins as Epigenetic Mediators of Neuroprotection in Ischemic Tolerance M. Stapel et al.
Polycomb group proteins protect neurons from injury through a mechanism involving decreased potassium channel function.

RESEARCH ARTICLE: Characterization of a Domain that Transiently Converts Class 2 DYRKs into Intramolecular Tyrosine Kinases R. Kinston et al.
An N-terminal region of a dual-specificity kinase temporarily enables it to phosphorylate a tyrosine rather than a serine or threonine residue.

RESEARCH ARTICLE: Crystal Structure of the α-Kinase Domain of Dictyostelium Myosin Heavy Chain Kinase Q. Ye et al.
Structural analysis identifies features of atypical serine-threonine kinases that may account for their different activities when compared to those of conventional kinases.

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Find out what CD4, TEM8, and SLK mean as the “substrate” of a pseudokinase.

PERSPECTIVE: Allosteric Protein Kinase Regulation by Pseudokinases—Insights from STRAD T. Rajakulendran and F. Siciliano
A kinase becomes activated when it binds as the “substrate” of a pseudokinase.

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Taken for Granted: Labor Unions and Postdoc Disputes B. L. Benderly
A former University of Massachusetts postdoc sues his college, as postdocs on three UMass campuses unionize.

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When you are unemployed, it is essential to keep your skills and connections fresh.

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Agents that target bacterial outer-membrane synthesis effectively tackle antibiotic-resistant infections.

PERSPECTIVE: Of Mice and Men—How an Oncogene Transgresses the Limits and Predisposes to T Cell Acute Lymphoblastic Leukemia T. Hoang
The Lmo2 oncogene confers self-renewal potential to nonrenewing thymocyte progenitors.

RESEARCH ARTICLE: Safety and Efficacy of Subretinal Readministration of a Viral Vector in Large Animals to Treat Congenital Blindness D. Amado et al.
After gene therapy to correct retinal degeneration in one eye, treatment of the second eye is effective—even when immunity to the vector is present.

RESEARCH ARTICLE: Blood Gene Expression Signatures Predict Invasive Candidiasis A. K. Zaas et al.
The development and validation of a gene expression signature is shown to be effective for the diagnosis of C. albicans blood stream infection.

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