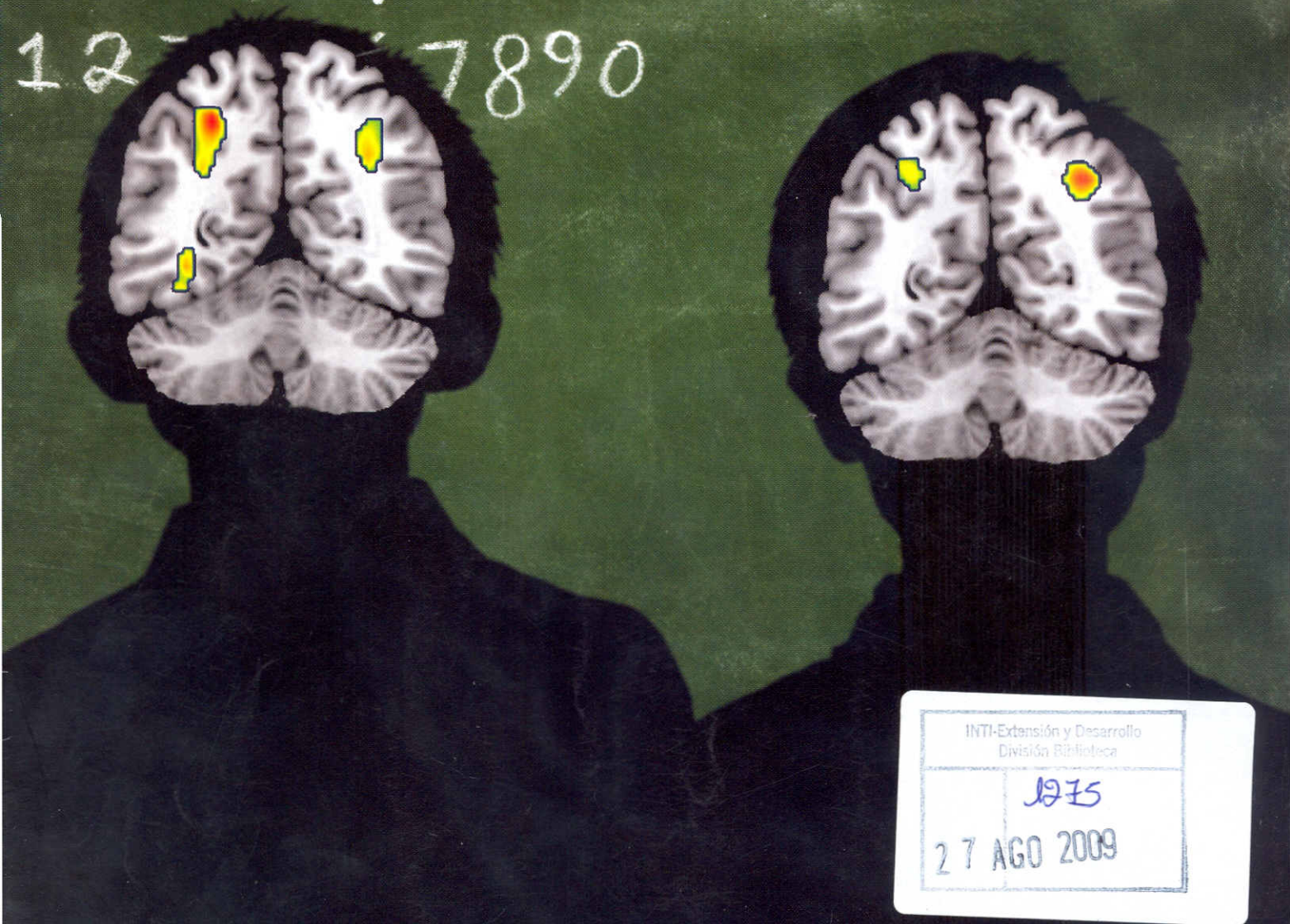


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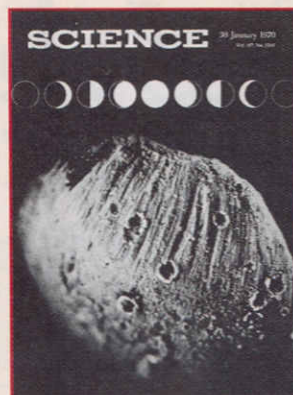
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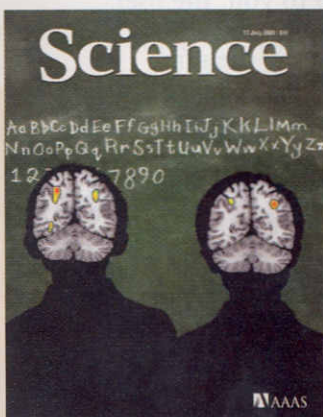


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The scientific results of that mission and samples returned from the Moon, published in our 20 January 1970 issue, are now freely available with registration at www.sciencemag.org/apollo11.



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Average patterns of brain recruitment, as measured by functional magnetic resonance imaging, in children with typical reading development (left) or dyslexia (right) as they sound out printed words. Left-hemisphere brain regions engaged by typical readers, the parietal cortex (upper left) and fusiform gyrus (lower left), are less engaged by dyslexic readers. See page 280.

Photo illustration: Yael Kats (brain scans, Susan Whitfield-Gabrieli and John Gabrieli; background, iStockphoto.com)

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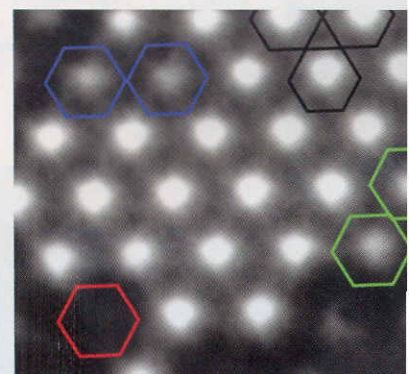
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Lysine Acetylation Targets Protein Complexes and Co-Regulates Major Cellular Functions

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A proteomic-scale analysis of protein acetylation suggests that it is an important biological regulatory mechanism.

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Structure and Mechanism of a Na⁺-Independent Amino Acid Transporter

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The structure of the transporter ApcT reveals common architectural principles between proton- and sodium-coupled transporters.

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Mindblind Eyes: An Absence of Spontaneous Theory of Mind in Asperger Syndrome

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Asperger syndrome individuals do not pass a nonverbal false-belief test.

10.1126/science.1176170

An Expressed *Fgf4* Retrogene Is Associated with Breed-Defining Chondrodysplasia in Domestic Dogs

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The short legs that characterize certain dog breeds are associated with a gene that arose recently by RNA-based gene duplication.

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Bcl6 and Blimp-1 Are Reciprocal and Antagonistic Regulators of T Follicular Helper Cell Differentiation

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The transcription factors that regulate follicular T helper cell differentiation are identified.

10.1126/science.1175870

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full text at www.sciencemag.org/cgi/content/full/325/5938/267-a

Response to Comment on "Neodymium-142 Evidence for Hadean Mafic Crust"

J. O'Neil et al.

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H. Akiyama et al.

Measurements of its spatial profile reveal the crucial role of asymmetric IP₃ signals in growth cone navigation.

PERSPECTIVE: Down-Regulating Destruction—Phosphorylation Regulates the E3 Ubiquitin Ligase Nedd4-2

P. M. Snyder

Phosphorylation of Nedd4-2 regulates epithelial Na⁺ transport.

GLOSSARY

Find out what ATM, GKAP, and MUP mean in the world of cell signaling.

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D. Jensen

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S. Webb

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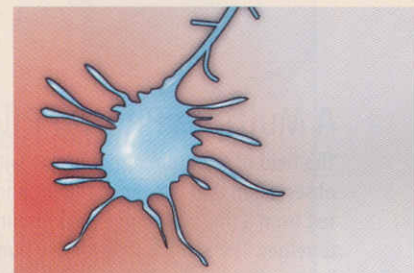
A Career Revisiting Classical Biological Problems

E. Pain

Nenad Ban earned recognition by cracking the crystal structures of complex macromolecules.



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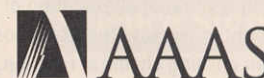
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