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QuteMol-rendered image of human rhinovirus 3 (Protein Data Bank ID: 1rhi) illustrating virion topography. Red, blue, and yellow denote the three major surface capsid proteins; examples of RNA regional motifs are colored according to predicted base-pairing fidelity. Sequence diversity within the major surface proteins contributes to the wide range of immunogenic serotypes characteristic of the "common cold." See page 55.

Image: H. Adam Steinberg and Jean-Yves Sgro/
University of Wisconsin–Madison

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A host protease helps newly replicated microbial parasites escape from incubator cells.

10.1126/science.1171541

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10.1126/science.1171541

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The shedding of the extracellular domain of a transmembrane proteoglycan can be controlled by its cytoplasmic domain.

10.1126/science.1167053

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10.1126/science.1167975

Neurite Regeneration

Phosphorylation of Nogo Receptors Suppresses Nogo Signaling, Allowing Neurite Regeneration

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PERSPECTIVE: Syndecans Shed Their Reputation as Inert Molecules M. D. Bass et al.

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Could deciding on a beach vacation make you less fond of mountains?

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For Migrating Birds, Eating = Exercise Sandpipers boost their fitness by gorging on omega-3–rich shrimp.

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Playing shoot-and-kill video games improves visual acuity.

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The Keen Eyes of a Gamer

For Migrating Birds, Eating = Exercise Sandpipers boost their fitness by gorging on omega-3–rich shrimp.

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April 2009 Funding News J. Fernández

Learn about the latest in research funding, scholarships, fellowships, and internships.

10.1126/science.1167975