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His 'last' theorem has now been solved

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Space-filling representation of myosin subfragment-1, a molecular motor. The colors define the global organization of the polypeptide chains that constitute this molecule. This structure provides the basis for hy-

potheses for the molecular mechanism of muscle contraction. See pages 50 and 58 and the Perspective on page 35. [Graphics: Adam Steinberg and Ivan Rayment]



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### Three-Dimensional Structure of Myosin Subfragment-1: A Molecular Motor

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### Structure of the Actin-Myosin Complex and Its Implications for Muscle Contraction

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### Paleozoic Atmospheric CO<sub>2</sub>: Importance of Solar Radiation and Plant Evolution

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### Detection of Interstellar Pick-Up Hydrogen in the Solar System

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### Ecological Roulette: The Global Transport of Nonindigenous Marine Organisms

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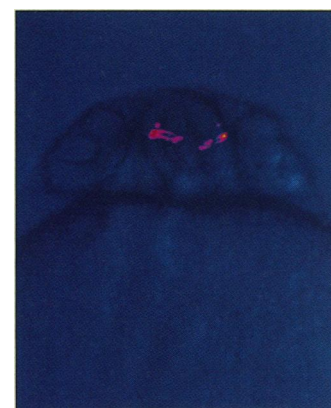
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