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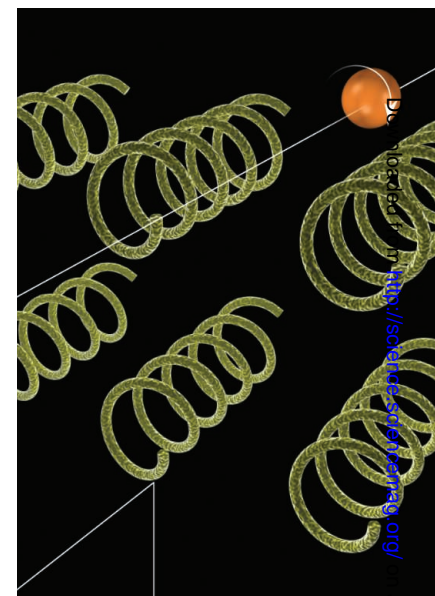
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COVER

False-colored atomic force micrograph of two types of molecules forming a mixed self-assembled monolayer on a gold surface. The two molecules differ in height by 0.2 nanometers, giving the appearance of ripples. This image was awarded first place in the photography category in the 2010 *Science*/NSF International Science & Engineering Visualization Challenge. The winning entries are featured in a special section starting on page 847 and at www.sciencemag.org/special/vis2010/.

Image: Seth B. Darling, Argonne National Laboratory; and Steven J. Sibener, University of Chicago

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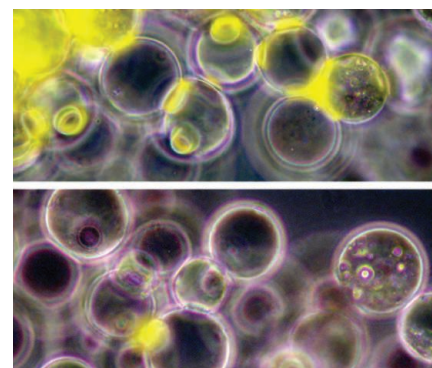
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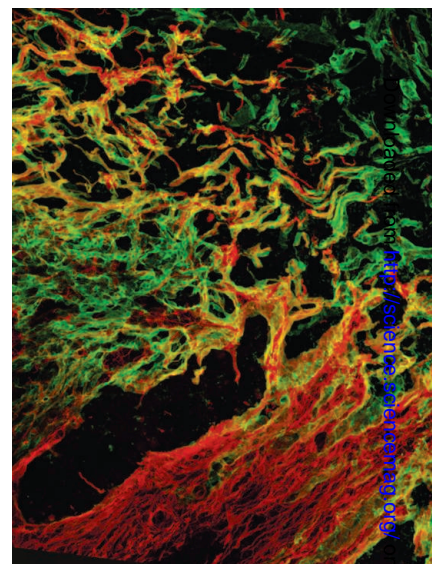
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