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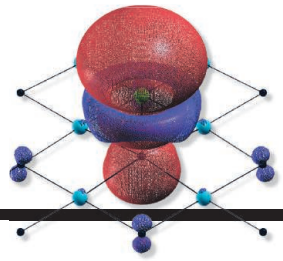

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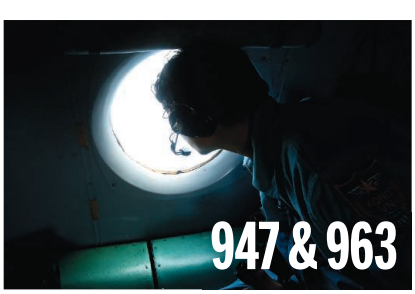

ILLUSTRATION: (BOTTOM RIGHT) MARC ROSENTHAL

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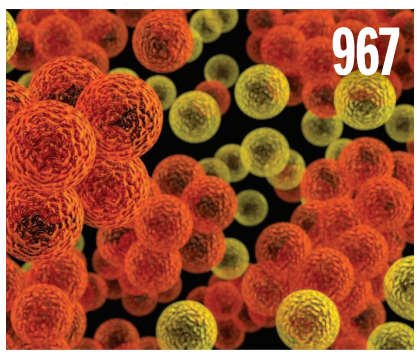

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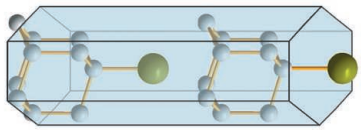

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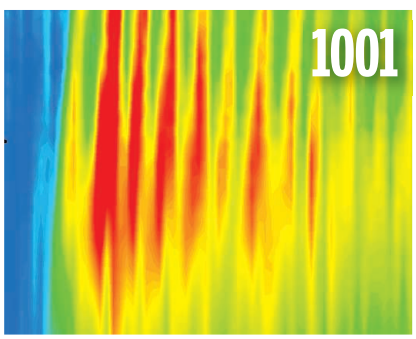

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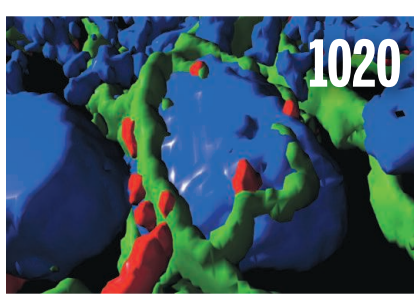

ON THE COVER

A realistic, molecular-scale view of a synapse, showing a few hundred thousand proteins. The synapse organization was measured by a combination of electron microscopy, quantitative biochemistry, and super-resolution microscopy. This three-dimensional computational model now enables a quantitative understanding of synaptic processes. See page 1023. *Image: Burkhard Rammner/Rizzoli Laboratory, University of Göttingen Medical Center*

PHOTO: (BOTTOM) MASANOBU KANO

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