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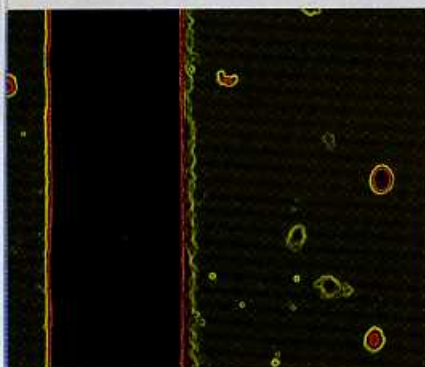
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Detail of a "wiring diagram" showing long-distance neural connections between major regions of the macaque brain. This visualization provides guidance for connecting multiple computer chips into a brainlike network. This diagram was awarded first place in the illustration category in the 2012 *Science*/NSF International Science & Engineering Visualization Challenge. The winning entries are featured in a special section starting on page 509 and at [www.sciencemag.org/special/vis2012](http://www.sciencemag.org/special/vis2012).

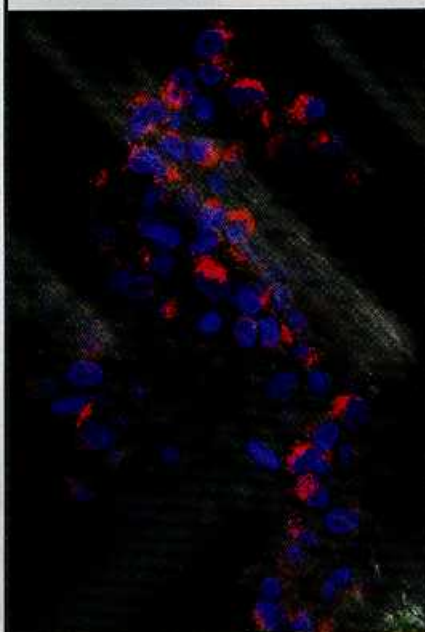
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