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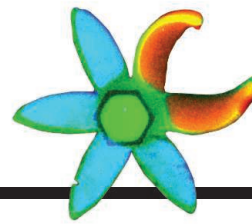
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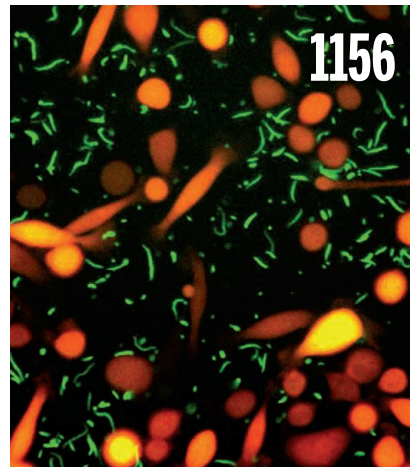
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Two-kilogram prototype of a 14.6-kilogram cesium iodide crystal used for coherent neutrino detection. The scintillator is encapsulated in ultraperformant electroformed copper developed at

Pacific Northwest National Laboratory. Ancient, radioisotope-free lead recovered from a Spanish galleon is used to block radioactive emissions from electronic components above the photomultiplier. See pages 1098 and 1123. For more on the process behind the cover image, see <http://scim.ag/2xf2q6X>. Photo: Jean Lachat/University of Chicago

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Science **357** (6356), 1073-1202.

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