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A robotic stingray made up of rat heart cells, gold, and a polymer commonly used in breast implants. The robot ray mimics the form and function of a swimming stingray, but with a twist: Genetically altered rat cells allow the “creature” to sense and swim toward light. See pages 110 and 158. For more on the process behind the cover image, see http://scim.ag/29lfI5O.

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