The cells of a patient's heart, lungs, liver, kidney, brain—you name it—can be replicated on this chip to help researchers develop individualized treatments.

The Future of Medicine: How New Technologies and Ancient Remedies Are Transforming Health Care
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Hidden away in the world’s bathrooms, closets, and cabinets, pills, syrups, tonics, ointments, and other medicines pile up.
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On the Cover
This composite photo shows highly magnified, functioning spinal cord tissue (background) that’s micro-engineered onto a chip, which researchers can use to study disease.
CRAIG CUTLER (HAND WITH CHIP); SAMUEL SANCHEZ, CEDARS-SINAI (BACKGROUND)

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