

Advances in using tailored cell cultures to test genetic disease treatments

Here's a vision of the future. You're diagnosed with a rare genetic disorder. Your doctors take a sample of your cells and grow them, creating cell lines, tissues and even mini-organs—little model versions of you, complete with all the genetic faults that are responsible for your disease. The doctors use these models to work out what these mutations are doing, and to test the safety and effectiveness of different drugs. Based on these tests, they decide on the most appropriate treatment—one that's intimately tailored to your biology.

We're not quite there yet, but we're making good progress.

Read the full, original story: [Your Disease In A Dish](#)