

8 ways CRISPR is changing the world

From saving lives to potentially rescuing coral reefs, here are eight examples of exciting CRISPR projects that showcase just why this gene-editing tech has everyone talking.

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A LIMITLESS SUPPLY OF TRANSPLANT ORGANS

There's an enormous, deadly shortage of transplant organs worldwide. Could CRISPR gene editing help? Quite possibly yes, [according to one international research initiative](#) with the goal of using gene editing on pigs to turn them into safe organ donor candidates for humans.

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MORE EFFICIENT CROPS

The world's population is rapidly increasing, and that brings a range of challenges when it comes to how best to feed everyone. Research aided by the Bill & Melinda Gates Foundation has demonstrated that it is possible to use CRISPR to [improve the efficiency of how crops use water by 25 percent](#) — without compromising their yield in the process.

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HEAT-RESISTANT COWS

Researchers from the University of Florida Institute of Food and Agricultural Sciences are trying to use genetic engineering to [create heat-resistant cows which can thrive in warmer environments](#).

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HOME DISEASE DIAGNOSIS

Imagine being able to use CRISPR technology as a high-tech disease diagnosis platform from the comfort of your own home. That's the goal of a new startup called Mammoth Biosciences. The company is busy developing at-home tests which promise to be able to detect everything from STDs to cancers.

Editor's note: Click the link below to view the full list

Read full, original post: [8 Amazing CRISPR projects that could change life as we know it](#)