7 ways CRISPR gene editing is changing the world

Here are a few ways researchers are already using [CRISPR] to make the world a better place;

1. Produce transplant organs. […] Using pigs for their kidneys instead of their bacon might be one solution.

…

2. Replace insulin shots for diabetics. […] Making a skin graft that contains a CRISPR-modified version of a protein that helps insulin regulate blood glucose levels could help make the needle history.

3. Erase killer heart conditions. […] We might already be on our way, with a recent demonstration of CRISPR being used to edit a gene responsible for a heart condition in a human embryo.

…

4. Create stunning garden displays. […] Scientists have used CRISPR to snip a gene responsible for the violet colour of the Japanese morning glory flower.

…

5. Gently cure a bunch of diseases … in mice. […] A clever modification to the [CRISPR] process allowed a team of scientists to cure a number of genetic conditions in mice simply by changing how external epigenetic factors modified the genes.

…

6. Destroy superbugs. […] One way we might be able to fight back against the drug-resistant superbug is to modify viruses with a payload that forces bacteria's natural versions of the CRISPR enzymes to go rogue and chew up its own genes.

7. Make tiny tape recorders. […] CRISPR has recently been used to turn bacteria into the world's smallest spooks, giving them the ability to eavesdrop on their environment.

Read full, original post: CRISPR Is Already Changing Our World, Here's How