

## Podcast: A decade after CRISPR's discovery, medicine and farming are undergoing dramatic revolutions

In 2012, the discovery of the gene-editing tool CRISPR-Cas9 revolutionised scientists' ability to modify DNA. Ten years on, host Alok Jha speaks to Jennifer Doudna, the [Nobel laureate](#) who pioneered the technology. She explains how CRISPR could [transform healthcare](#) and the food supply—and help with the fight against climate change. Plus, how does she grapple with the [ethical questions](#) raised by the technology she helped to invent?

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[Editor's note: There are numerous alternatives to [CRISPR CAS-9](#), some of which predate Charpentier and Doudna's technique. While CRISPR CAS-9 has its advantages, the others have benefits in scale, precision, and efficiency. Doudna maintains that the power and ease of CRISPR CAS-9 techniques improve upon existing methods and that her technique is constantly expanding applications.]

[See the original post here](#)