

Posted July 20, 2022: <https://twitter.com/i/status/1549834043738525701> World Economic Forum Video From 2015 Discussing the Ability of an mRNA Medical Procedure to Permanently Change the Genetics of the Subject and It's Offspring.

Full video: Feb 24, 2015 - <https://www.youtube.com/watch?v=qECgqd6wJb0> RNA Therapeutics and DNA Editing - Jennifer Doudna from the University of California, Berkeley, introduces her lab's ground-breaking work. They found that a protein called Cas9 acts like a precision tool that can be programmed to cut double stranded DNA, repair breaks and correct genetic mutations. (Above excerpt is at 3:09)

<https://www.youtube.com/watch?v=p-t5VrCtY1Q> Davos 2015 - Rewriting Human Genes



A conversation with Nobel Laureate Craig Mello and acclaimed scientist Jennifer Doudna on the genomics revolution - Dimensions to be addressed:

- How we got here
- Latest breakthroughs in DNA editing
- Where the genomics revolution is heading.
- Jennifer Doudna, Professor of Chemistry and of Molecular and Cell Biology, University of California, Berkeley, USA
- Craig Mello, Professor, University of Massachusetts Medical School, USA.

Moderated by • Joe Palca, Science Correspondent, NPR, USA.

<https://vcresearch.berkeley.edu/news/doudna-joins-biden-davos-rollout-cancer-moonshot> Berkeley biochemist Jennifer Doudna joined Joseph Biden this morning at the World Economic Forum in Davos, Switzerland, as the vice president promoted a major new U.S. initiative to speed the discovery of cures for cancer, what President Obama has dubbed a "cancer moonshot."

May 25, 2022: https://www.youtube.com/watch?v=wrrHc_avAxY Hear from Nobel laureate Jennifer Doudna on the four ways that CRISPR gene editing technologies will revolutionize healthcare.

<https://doudnalab.org/> **Conflict of Interest - Jennifer Doudna Disclosures**

The Regents of the University of California have patents issued and pending for CRISPR technologies on which J.A.D. is an inventor. (Jennifer Anne Doudna) https://en.wikipedia.org/wiki/Jennifer_Doudna

J.A.D. is a cofounder of [Caribou Biosciences](#), [Editas Medicine](#), [Scribe Therapeutics](#), [Intellia Therapeutics](#), and [Mammoth Biosciences](#). J.A.D. is a scientific advisory board member of [Vertex](#), [Caribou Biosciences](#), [Intellia Therapeutics](#), [Scribe Therapeutics](#), [Mammoth Biosciences](#), [Algen Biotechnologies](#), [Felix Biosciences](#), [The Column Group](#), and [Inari](#). J.A.D. is Chief Science Advisor to Sixth Street, a Director at [Johnson & Johnson](#), Altos and [Tempus](#), and has research projects sponsored by [Biogen](#), [Pfizer](#), [AppleTree Partners](#), and [Roche](#).

<https://www.whatisbiotechnology.org/index.php/people/summary/Doudna> Doudna shares her interest biochemistry with her husband, Jamie Cate. The two of them first met in the early 1990s at the University of Colorado where he was a graduate student and she a postgraduate researcher. In 2002 Doudna gave birth to their son, Andrew. Doudna see her son as her 'biggest experiment'. (Marino).

<https://innovativegenomics.org/events/wef2016-life-in-2030/> Life in 2030: Humankind and the Machine — Webcast from WEF/Davos - This panel discussion addressed aspects of modern human life "on the brink of a new revolution driven by the convergence of a number of new technologies," including [genome editing](#), artificial intelligence and 3D printing. Questions addressed included:

- How will these technologies change the lives of the next generation?
- What are the game-changing technologies?
- What are the moral, ethical and social concerns which they raise?
- How are these technologies going to change the face of business, government and society?
- How can humans work with technology for better outcomes?