

Citations for Stephen Xootfly Science Circle Talk February 25, 2018

TED Talks

How CRISPR lets us edit our DNA

TEDGlobal>London · 15:53 · **Filmed** Sep 2015

http://www.ted.com/talks/jennifer_doudna_we_can_now_edit_our_dna_but_let_s_do_it_wisely

We can reprogram life. How to do it wisely

TED Talks Live · 14:49 · **Filmed** Nov 2015

http://www.ted.com/talks/juan_enriquez_we_can_reprogram_life_how_to_do_it_wisely

Articles

Immune System Overview:

OpenStax, Biology. OpenStax CNX. Dec 19, 2017 <http://cnx.org/contents/185cbf87-c72e-48f5-b51e-f14f21b5eabd@10.120>.

<http://philschatz.com/biology-book/contents/m44823.html>

A Programmable Dual-RNA–Guided DNA Endonuclease in Adaptive Bacterial Immunity

Science 17 Aug 2012:

Vol. 337, Issue 6096, pp. 816-821

<http://science.sciencemag.org/content/337/6096/816.full>

RNA-guided genetic silencing systems in bacteria and archaea

Nature 482, 331–338 (16 February 2012)

<http://www.nature.com/nature/journal/v482/n7385/full/nature10886.html>

ARGOS8 variants generated by CRISPR-Cas9 improve maize grain yield under field drought stress conditions

17 August 2016

<http://onlinelibrary.wiley.com/doi/10.1111/pbi.12603/full>

The new frontier of genome engineering with CRISPR-Cas9

Science 28 Nov 2014:

<http://science.sciencemag.org/content/346/6213/1258096.full>

Inhibition of HIV-1 infection of primary CD4+ T-cells by gene editing of CCR5 using adenovirus-delivered CRISPR/Cas9

<http://jgv.microbiologyresearch.org/content/journal/jgv/10.1099/vir.0.000139;jsessionid=3utd3uds1palw.x-sgm-live-03#tab2>

CRISPR-Cas Advanced Plant Breeding

<https://www.pioneer.com/home/site/us/agronomy/library/crispr-cas/>

A CRISPR-Cas9 gene drive system targeting female reproduction in the malaria mosquito vector *Anopheles gambiae*

Nature Biotechnology 34, 78–83 (2016)

<http://www.nature.com/nbt/journal/v34/n1/abs/nbt.3439.html>

Inactivation of the Human Papillomavirus E6 or E7 Gene in Cervical Carcinoma Cells by Using a Bacterial CRISPR/Cas RNA-Guided Endonuclease

Edward M. Kennedy, Anand V. R. Kornepatia, Michael Goldstein, Hal P. Bogerda, Brigid C. Polinga, Adam W. Whisnanta, Michael B. Kastanb and Bryan R. Cullena

J. Virol. **October 2014** vol. 88no. 20 **11965-11972**

<http://jvi.asm.org/content/88/20/11965.short>

The CRISPR/Cas9 system inactivates latent HIV-1 proviral DNA

Retrovirology 2015**12**:22

<http://retrovirology.biomedcentral.com/articles/10.1186/s12977-015-0150-z>