Would you like to learn more about CRISPR and Gene Drives?

These are the two videos we watched in our recent TED discussion about CRISPR:

https://www.youtube.com/watch?v=jAhjPd4uNFY

https://www.ted.com/talks/jennifer_kahn_gene_editing_can_now_change_an_entire_species_forever

If you would like to learn more about the scientific development of CRISPR, you might want to watch the TED talk given by CRISPR co-developer, Jennifer Doudna, or read her book:

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

Doudna, Jennifer A., & Sternberg, Samuel H. (2017). *A Crack in Creation: Gene Editing and the Unthinkable Power to Control Evolution*. Houghton Mifflin Harcourt.

If you would like to learn more about gene drives (including daisy chains), and how CRISPR with a gene drive can be used to control invasive species, have a look at Kevin Esvelt's two YouTube videos on the topic:

https://www.youtube.com/watch?v=7X715cD02sA

https://www.youtube.com/watch?v=23AjcB48x3A&t=679s

If you would like to read the New Zealand Royal Society's discussion documents of possible CRISPR and gene drive applications in New Zealand in the fields of healthcare, primary industries, and the control of New Zealand's invasive species, you can access their technical papers and discussion documents (where you are invited to provide feedback/input) at:

https://royalsociety.org.nz/what-we-do/our-expert-advice/all-expert-advice-papers/

Finally, here is an interesting article from the current issue of *MIT Technology Review* about what is currently being developed to stop CRISPR being misused for harm:

https://www.technologyreview.com/s/613309/the-search-for-the-kryptonite-that-can-stop-crispr/

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