



HUMAN NATURE

ADDITIONAL RESOURCES COMPILED BY OUR VOLUNTEER TEAM

News Articles

[New test detects coronavirus in just 5 minutes](#) (Science, 2020)

Outlines how the principles of CRISPR-CAS can be used to diagnose COVID-19 tests, providing additional benefits in speed and quantification of the virus.

[World Health Organization panel weighs in on CRISPR-babies debate](#) (Nature, 2019)

Summarizes priorities for the global governance of current and future research on gene editing in humans; focussing specifically on the potential steering role of the WHO by suggesting the creation of a global registry, which has since been [accepted](#).

[Brexit and bioethics](#) (Nuffield Council of Bioethics, 2016)

Outlines the potential influence of Brexit on human genome editing research in the UK, considering that the EU regulations on such topics have historically been stricter than those enacted nationally within the UK.

Scientific Publications

Ogaugwu, C. E., Agbo, S. O., & Adekoya, M. A. (2019). [CRISPR in Sub-Saharan Africa: Applications and Education](#). Trends in Biotechnology, 37(3), 234–237.

<https://doi.org/10.1016/j.tibtech.2018.07.012>

Illustrates the potential of implementing CRISPR technology in Sub-Saharan Africa to solve the prevalent problems of infectious diseases and food supply.

De Graeff, N., Jongsma, K. R., Johnston, J., Hartley, S., & Bredenoord, A. L. (2019). [The ethics of genome editing in non-human animals: A systematic review of reasons reported in the academic literature](#). Philosophical Transactions of the Royal Society B: Biological Sciences, 374(1772). <https://doi.org/10.1098/rstb.2018.0106>

Systematically reviews the existing arguments around the ethical implications of CRISPR, concluding that the debate is far from closed and should increasingly include scientists from a wide variety of backgrounds.



Other

[Genetic Engineering Will Change Everything Forever – CRISPR](#) (Kurzgesagt, 2016)

[CRISPR Timeline](#) (Broad Institute, 2016)

[Press release: The Nobel Prize in Chemistry 2020](#)

[Human Genome Editing \(HGE\) Registry](#) (Databank by the WHO collecting all currently ongoing trials on human genome editing)

[Gene editing for advanced therapies: Governance, policy and society](#) (OECD, 2018)

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