



Recommended Readings and Online Resources

Description

This page contains additional resources for unit 2 of the [Course on Genomics, Ethics, and Society](#).

Body

- Cho M. K., Magnus D., Caplan A. L., McGee D. & the Ethics of Genomics Group (1999). Ethical considerations in synthesizing a minimal genome. *Science* 286, 2087-2090.
- Garfinkel, M., Endy, D., Epstein, G. L., & Friedman, R. M. (2007). Synthetic Genomics – Options for Governance. Retrieved from <http://www.jcvi.org/cms/fileadmin/site/research/projects/synthetic-genomics-report/synthetic-genomics-report.pdf>
- Gutmann, A. (2011). The ethics of synthetic biology: Guiding principles for emerging technologies. *Hastings Center Report*, 41, 17-22.
- Deplazes, A., Ganguli-Mitra, A., & Biller-Andorno, N. (2010). The ethics of synthetic biology: Outlining the agenda. In M. Schmidt, A. Kelle, and H. Vriend (eds.) *Synthetic biology: The technoscience and its societal consequences*. Springer, pp. 65-79.
- Kaebnick, G. E. (2009). Should moral objections to synthetic biology affect public policy? *Nature Biotechnology*, 27, 1106-1108.

- Kaebnick, G. E., & Murray, T. H. (eds.) (2013). *Synthetic Biology and Morality*. Cambridge, MA: MIT Press.
- Norton, B. G. (2010). *Synthetic biology: Some concerns of a biodiversity advocate*. Remarks on synthetic biology to the Presidential Commission on Bioethics. Retrieved from <http://bioethics.gov/sites/default/files/Synthetic-Biology.pdf>
- Rabinow, P. & Bennett, G. (2009). *Synthetic biology: Ethical ramifications*. *Systems and Synthetic Biology*, 3, 99-108.
- Vashee, S., Algire, M. A., Montague, M. G. & Garfinkel, M. S. (2011). *Synthetic biology: Implications and uses*. *Encyclopedia of Molecular Cell Biology and Molecular Medicine*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/3527600906.mcb.200300154.pub2/full>
- Yearley, S. (2009). *The ethical landscape: Identifying the right way to think about the ethical and societal aspects of synthetic biology research and products*. *Journal of the Royal Society Interface*, 6, S559-S564. Retrieved from http://rsif.royalsocietypublishing.org/content/6/Suppl_4/S559.full

Online Resources

Synthetic Biology Center at MIT: <http://synbio.mit.edu/about.html>

The International Genetically Engineered Machine Foundation:
http://igem.org/Main_Page

Synthetic Biology Project: <http://www.synbioproject.org/topics/>

[Continue to Resources](#)

Rights

Use of Materials on the OEC

Resource Type

Instructor Materials