Other examples of ML in basic sciences research

- <u>Genetic engineering attribution</u>: given a sequence of a plasmid, predict the lab that it originated from

- <u>Molecular translation</u>: given a picture of a chemical structure, translate it into its corresponding International Chemical Identifier text string

- <u>A Deep Learning Approach to Antibiotic Discovery</u> - Stokes et. al, Feb 2020, Cell.

Helpful resources for learning ML

- <u>Machine Learning - Stanford (Coursera)</u>

- <u>fast.ai</u>

- <u>T-CAIREM Collaborators Marketplace</u>