Laurence Orr

I am a second year computing science PhD student, my project is in the field of synthetic biology. I am attempting to engineer orthogonal gram positive quorum sensing communication systems from existing systems, the design of the variant systems is informed and directed through a computational approach to try and target key residues. Currently, my focus is on Bacillus Subtilis due it being an ideal model organism for both academia and industry.

Research Interests:

Bioinformatics

Molecular Biology

Synthetic Biology