Role

This is an exciting and dynamic role for a bioinformatics or molecular biology student with programming experience. Mentored throughout, you will participate in a range of different projects and services from standard NGS work with RNA-Seq, to CRISPR variant calling, sgRNA design and R&D projects, such as viral engineering and synthetic promoter design. The successful candidate is guaranteed a first-class learning experience in programming languages and NGS data analysis.

Tasks

- Work within the bioinformatics team to develop and define approaches to data analysis, in line with requirements from scientist colleagues
- Run standard and in-house bioinformatics programs to analyse NGS data
- Assist with improvements to bioinformatics pipelines related to CRISPR screening and antibody design
- Generate reports and interact with scientists to ensure efficient knowledge transfer

Personal Skills

Essential:

- Bioinformatics, molecular biology or related life sciences degree
- Experience in programming languages relevant to biological data processing
- Exposure to NGS data analysis
- Highly developed interpersonal, written and verbal skills, including the ability to speak confidently in groups and to present work internally
- Excellent organizational and decision-making skills
- Strong time management skills with the ability to prioritize tasks and work under pressure

Personality:

- Individuals should be enthusiastic and be able to contribute actively to the team setting
- Diligence and an analytical mindset is essential for methodical working and recording and analysis of data

The Host Company

The host company, a leader in synthetic biology, is a specialist contract research organization offering services to support the discovery, development and production of biologics and cell and gene therapies. A unifying theme across the portfolio is expertise in designing DNA, optimizing expression of proteins, cell line development and improving viral delivery systems. The company is located within purpose-fitted laboratories. Currently in a phase of rapid expansion, this company will offer a truly rewarding experience.