Researcher Profiles: A guide to choosing the right community

This document is designed to help you situate yourself and your research within the Genomics England Research Network communities. Below are descriptions of different researcher profiles and how they align with the different communities. This should help guide you when selecting which communities you would like to join and when registering your projects.

Charlie investigates molecular mechanisms common to several cancer types, as well as clinical trials of new treatments. He has joined the Therapeutic Innovation and Trials community and the Pan-cancer and Molecular Oncology community to engage with researchers in these areas. He is currently leading a project that examines the clinical utility of previously discovered biomarkers in selecting treatment. He has registered this project in the Therapeutic Innovation and Trials community and has not registered it in the Pan-cancer and Molecular Oncology community, as it is purely focused on clinical applications and trials.

Charlie
Principal investigator

Communities

Therapeutic Innovation and Trials |
Pan-cancer and Molecular Oncology

Annie
Clinician-scientist

Communities

Genotype-Phenotype Association

Annie is a clinician-scientist who recently discovered two non-related patients harbouring the same variant and clinical phenotypes through her clinical practice. She has joined the Research Network to better understand the relationship between variants in this gene and phenotypic severity. She joins the Genotype-Phenotype Association community as she aims to search for variants in a large cohort of patients and correlate specific variants with clinical outcomes.

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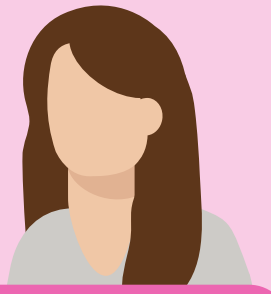
Genomics England

Olivia is a bioinformatician interested in identifying and exploiting molecular drivers that are common to many cancers. She and her team are working to develop new algorithms to better identify mutational signatures shared between cancers and to investigate whether drugs approved for the treatment of one such cancer type might be effective in the treatment of others. Olivia joins the Bioinformatics and Machine Learning community, the Pan-cancer and Molecular Oncology community, and the Therapeutic Innovation and Trials community. In her current study, Olivia aims to develop new tools and test them across the cancer cohorts to evaluate if they efficiently identify common mutational signatures, but she is not yet investigating the translational value of her discoveries, so she registers her project only in the Bioinformatics and Machine Learning and the Pan-cancer and Molecular Oncology communities.

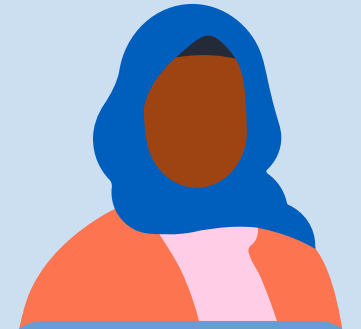
Olivia
Bioinformatician



Communities

Bioinformatics and Machine Learning | Therapeutic Innovation and Trials | Pan-cancer and Molecular Oncology

Nour
Developmental biologist



Communities

Genotype-Phenotype Association | Variant Discovery and Clinical Interpretation

Nour is a developmental biologist working to understand human congenital abnormalities. She would like to use the National Genomic Research Library (NGRL) to search for new candidate disease genes in patients with craniofacial malformations. She joins the Genotype-Phenotype Association and Variant Discovery and Clinical Interpretation communities as these align best with her research interests. She is not yet familiar with the data in the NGRL and will have up to 3 months to explore the Research Environment before registering a project.