**Job Advertisement - Clinical Research Scientist**

**About Us**

Genomics Medicine Ireland is a recently incorporated company Irish life sciences company leading a large-scale research programme on the human genome to examine the relationship between genetics, health and disease. Our mission is to become a global Centre of Excellence for omics and use our scientific strength to understand diseases of genetic origin through analysis and interpretation of the human genome, empowered with rich medical and lifestyle data.

**Job purpose**

Genomics Medicine Ireland is using multiple genomic techniques to find the causes of complex and rare disease including next-generation sequencing, genome expression and methylation profiling, structural genome variation discovery, microbiome assessment and metabolite screening.

We are seeking ambitious, highly-skilled, dedicated and reliable individuals with experience in medical research and data analysis who will be responsible for disease specific literature reviews, research planning, CRF construction, data analysis, internal team and external scientific communication, and ensuring that our research meets and exceeds the best international standards. As a Clinical Research Scientist, you must be self-motivated, with a high level of organizational ability, accuracy and attention to detail. You must also be able to work well, both independently and as part of a multidisciplinary research team in a high-paced and high-delivery environment. Excellent interpersonal skills and an ability to build effective working relationships with patient, clinical and scientific community are extremely important.

This position does not involve any laboratory work and involves a high degree of data analysis. Experience with the analysis of genomic data is a highly recommended for this position.

**Duties and responsibilities**

* To work efficiently as a Research Team Member, with different people, with different roles, across a broad range of functions.
* To review medical and scientific literature.
* To design disease specific research plans.
* Plan, prioritise, co-ordinate and trouble shoot research team planning. Identify and execute continuous improvement strategies.
* To work with scientists, clinical team members, bioinformaticians, systems analysts and software analysts.
* To communicate findings with research teams, Genomics Medicine Ireland, collaborators and interested external parties.
* Develop disease specific Case Report Forms.
* Prepare documents for inclusion in ethics applications, protocols, regulatory submission documents, etc.
* Analyse, integrate and interpret genomic data.
* Identify and apply for replication cohorts and datasets.

**Qualifications**

* PhD, MSc or clinical experience in medical, clinical genetics, human genetics/genomics, genetic epidemiology or a related molecular biology research area.

**Qualifications**

Several of:

* A PhD, MSc or clinical experience in medical, clinical genetics, genomics, human genetics, population genetics, genetic epidemiology or a related molecular biology research area.
* History of publication in top peer-reviewed scientific journals.
* Experience of CRF and protocol development.
* At least 5 years’ experience in the field of genomic research.

**Preferred Experience**

Several of:

* Experience in immunological, neurological, auto-immune, oncological and/or rare disease genomic research.
* At least 4 years industrial, clinical or post-PhD academic research experience.
* Experience in quantitative genetics, pathway analysis, drug target identification, HLA-genetics, multi-omic data analysis, statistical genetics.
* Experience in population genetics, evolution, imputation, epistasis analysis.
* CNV analysis, structural variant analysis.
* Experience with multiple large genomic datasets (e.g. 1000 Genomes, ExAC, ICGC TCGA).