Research Assistant – Fixed Term

The Wellcome - MRC Cambridge Stem Cell Institute is a world-leading centre for stem cell research with a mission to transform human health through a deep understanding of stem and progenitor cell biology ([http://www.stemcells.cam.ac.uk](http://www.stemcells.cam.ac.uk)). In 2018 we will move into a new state of the art building on the Cambridge Biomedical Campus adjacent to Addenbrooke’s Hospital and multiple research institutes ([http://cambridge-biomedical.com](http://cambridge-biomedical.com)). This will result in a fully integrated, vibrant and cohesive stem cell community ideally placed to capitalise on the unique intellectual and clinical surrounding environment.

Applications are invited for a Research Assistant to join the research team of Dr. Elisa Laurenti. Their laboratory combines state-of-the-art experimental and computational methods to study the unique biological and molecular properties of human blood stem cells in health and disease.

The post-holder will integrate with a team working on a project aimed at understanding how pre-leukemic mutations affect human blood stem cells function and molecular properties, and leading to the development of blood cancers. They will use normal and patient-derived primary human samples and will perform a wide variety of molecular and cellular techniques. These will include handling of primary patient samples, isolation and analysis of blood stem and progenitor cells by flow cytometry sample preparation and analysis, DNA/RNA isolation, RNA-seq, cell line maintenance, primary cell culture, and tissue collection. They are also expected to contribute to aspects of laboratory management.

The post-holder will possess time management, organization and communication skills. They should enjoy working in a team. Previous experience in cell biology is required. Specific experience in primary cell culture, flow cytometry, mononuclear cell isolation, DNA/RNA extraction are desirable but not essential.

Fixed-term: The funds for this post are available for 1 year in the first instance.

**Equal Opportunities**

The University values diversity and is committed to equality of opportunity. The University has a responsibility to ensure that all employees are eligible to live and work in the UK. Benefits include generous maternity / paternity leave, flexible working and funds for returning carers and other family-friendly schemes.

**Find out more:** [http://www.jobs.cam.ac.uk/job/16005/](http://www.jobs.cam.ac.uk/job/16005/)