

Major new recruitment opportunities in the Wellcome Centre for Cell-Matrix Research

The Wellcome Centre for Cell-Matrix Research at the University of Manchester is recruiting new Group Leaders who have an interest in the biology of extracellular matrix. Our vision is to understand the physical, chemical, and temporal crosstalk between cells and the extracellular matrix. We expect to generate profound insights into the mechanisms that regulate tissue assembly and function, and identify the cause of tissue homeostasis dysregulation, which is a major factor in many chronic diseases. We are recruiting new members to the Centre at all levels from early career research fellows to professors, whom we invite to play a leading role in developing the research vision of the Centre.

Research Focus

The trajectory of the Centre builds on exciting new discoveries that have opened up matrix research in themes we have named ChronoMatrix (highlighting the importance of the circadian clock in matrix homeostasis and disease), ImmunoMatrix (building on the importance of matrix in regulating innate and adaptive immunity) and MechanoMatrix (recognising the fundamental importance of matrix stiffness on determining cell fate and function). Many aspects of our research across all themes directly relate to fibrosis, which is a new initiative in the Centre.

Facilities

Centre members benefit from outstanding laboratory space and research core facilities in genomics (including a new CRISPR facility), mass spectrometry, imaging (including electron microscopy and super-resolution light microscopy), bioinformatics, and biomolecular analysis. The Centre is embedded within the Faculty of Biology, Medicine & Health, which was formed in 2016 to bring together more than 800 staff with expertise in basic and clinical science to work together in an integrated structure enabling a translational approach to biology, medicine and health. For information about the Faculty of Biology, Medicine and Health, visit <https://www.bmh.manchester.ac.uk>

Opportunities

We invite researchers with an interest in matrix to contact us to discuss their ambition and how their interests might flourish here and add to the vision of the Centre.

We extend this invitation to researchers at all levels, from those just embarking on their independent research careers to those at the top of their field seeking new challenges and new opportunities. We offer support to those seeking competitive fellowships and established researchers moving to the Centre. For members joining mid-career, there are excellent opportunities for promotion to full tenured positions as professor.

The Time is Now

There is no deadline for expressions of interest; however, we are keen to have a first wave of recruits join us during 2018. Those wishing to explore this opportunity further (with no obligation) should send a brief summary of how their research ideas would flourish in the Centre, plus a short CV to either karl.kadler@manchester.ac.uk (Centre Director) or anna.fildes@manchester.ac.uk (Centre Administrator). This is an open invitation so please forward this e-mail to researchers you feel might be interested. For further details about the latest developments and publications from the Cell-Matrix Centre, visit <http://www.wellcome-matrix.org>.