Two post-doc positions, University of Bristol

Post doc position to investigate how wound inflammation drives various aspects of tissue repair

A Wellcome Trust funded post-doc position is available to join a team of researchers in Bristol investigating how inflammation triggered by tissue damage impacts on all other cell lineages at the wound site to drive good and bad repair outcomes. Experiments will include live-imaging, molecular biology, FACS and epigenetic/transcriptomic/proteomic analysis of inflammatory cells in various zebrafish models of wound inflammation.

The successful applicant will join the lab of Professor Paul Martin. The role will involve the day-to-day running of the project, performing a range of research tasks, collaborating with other RAs, in particular, a sister post-doc funded on the same grant and also investigating wound inflammation in Drosophila. You will also assist with training and supervision of postgraduate members of the lab.

A PhD (awarded or imminent) in a biological or biomedical science is essential and the successful candidate should have prior knowledge of tissue repair/ regeneration or inflammation and experience of live imaging or working with tissue samples. Previous experience working with zebrafish is highly desirable but not essential. The successful applicant will be highly organised, eager to learn new skills, ambitious, and able to interact with a broad range of colleagues. The funds for this position are available for up to 5 years.

Apply For job description, further particulars, and to apply: https://tinyurl.com/v2t8d47

Post doc position investigating how circadian influences impact inflammatory cells during tissue repair

The successful candidate will join team of researchers in Bristol and Manchester investigating how circadian influences impact on inflammatory cells and other cell lineages at sites of tissue damage to regulate collagen deposition and wound repair in zebrafish. Experiments will include live-imaging, molecular biology, FACS and transcriptomic analysis. The work will contribute to a 5-year UKRI-BBSRC-funded sLoLa project entitled “Opportunities to modulate extracellular matrix secretion and assembly for long term health”. The primary “home” for this researcher will be the laboratories of Professor Paul Martin, Professor David Stephens, and Dr. Chrissy Hammond, Bristol, but they will be expected to undertake short-term secondments in other collaborative labs, including that of Professor Qing-Jun Meng in Manchester.

The successful applicant will join a close-knit and enthusiastic research team. The role will involve the day-to-day running of the project, performing a range of research tasks and assisting with training and supervision of postgraduate members of the lab.

A PhD (awarded or imminent) in a biological or biomedical science is essential and the successful candidate should have prior knowledge of tissue repair/ regeneration or inflammation and experience of live imaging or working with tissue samples. Previous experience working with zebrafish is highly desirable but not essential. The successful applicant will be highly organised, eager to learn new skills and to interact with a broad range of colleagues. The funds for this position are available for up to 5 years.

Apply For job description, further particulars, and to apply: https://tinyurl.com/sng423z

Our recent fishy wound papers include:

Gurevich et al (2018) EMBO J.

Closing date for both positions Sunday 5th April 2020

Informal enquiries Please contact Professor Paul Martin, Paul.Martin@bristol.ac.uk

Martin lab website http://www.bristol.ac.uk/biochemistry/research/martin-group/