Two zebrafish-related post-doc positions are available, both based in Bristol.

1. Post doc position to investigate mechanisms underpinning scarring following tissue repair
A Scar Free Foundation funded post-doc position is available to join a team of researchers in Bristol investigating how genes associated with scarring (through human cohort studies) might drive good and bad repair outcomes. Experiments will include live-imaging, molecular biology, FACS and transcriptomic/proteomic analysis of inflammatory cells and effector cells including fibroblasts in various zebrafish (and mouse) models of wound repair.

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 partner post-doc funded on the same grant but working with Professor Nic Timpson who will focus on population health genetic approaches to identify novel “scar genes”. 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/y5f35whr
Closing date Wednesday 2nd December 2020

2. Post doc position investigating how circadian influences impact inflammatory cells during tissue repair
This BBSRC-funded post-doc will join a 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. The successful applicant will be organised, eager to learn new skills and able to interact with a broad range of colleagues. The funds for this position are available for up to 4 years.

Apply For job description, further particulars, and to apply: https://tinyurl.com/yy2ys7wy
Closing date Sunday 6th December 2020

Our recent fishy wound papers include:
Gurevich et al (2018) EMBO J.

Informal enquiries
Please contact Professor Paul Martin, Paul.Martin@bristol.ac.uk
Martin lab website http://www.bristol.ac.uk/biochemistry/research/martin-group/