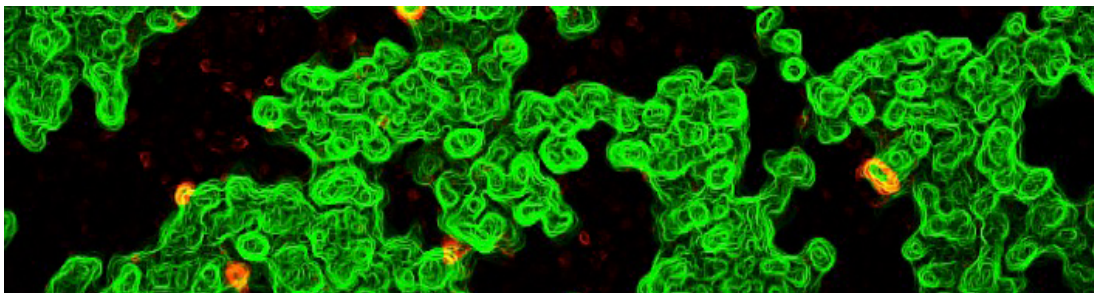




## **Open Postdoc and Research Technician positions in the Piddini Lab**



A **Postdoc position** and a **Research Technician position** are available in the group of Eugenia Piddini to investigate **the cell biology of cell competition in *Drosophila***. Research in the Piddini group seeks to understand the mechanisms and function of cell competition and how it modulates cell colonization in tissues and organs. We use an integrated approach that combines 'omics, genetics, and whole tissue *in vivo* studies in *Drosophila* with *in vitro* quantitative approaches using mammalian cells (<https://piddinilab.org>). Our ultimate goal is to identify how cell competition can be harnessed to develop novel therapeutic strategies in cancer and in regenerative medicine.

We are seeking to appoint an outstanding post-doc to investigate the mechanisms and signalling pathways involved in cell competition using *Drosophila* genetics and *in vivo* models of cell competition. The project will investigate the cell biology underpinning cell competition. A focus of this work will be on the oxidative stress and proteotoxic stress response, which our group have found to be sufficient to induce the loser status and to trigger the elimination of unfit cells. Applicants should be highly motivated and have a passion for cell biology and for understanding how signalling pathways control cell behaviour. Prior expertise in cell and/or developmental biology or experience in cell signalling are required. Prior experience with *Drosophila* models is favoured but is not essential.

We are also seeking a highly motivated and experienced Research Technician to contribute towards the *Drosophila* projects running in the lab. Applicants for this role should hold a degree in a relevant subject and have experience working with *Drosophila*. Experience with cell biology and molecular biology is favoured but not essential.

Applicants should contact Eugenia at [eugenia.piddini@bristol.ac.uk](mailto:eugenia.piddini@bristol.ac.uk) with a CV, and motivation statement for wanting to join our group. These posts are funded by the Wellcome Trust. Funds for are available for 2 years in the first instance.