PhD Position available:

Unlocking the potential of stem cells with micro-nano smart surfaces

We are seeking a highly motivated, passionate and competitive candidate to work on an interdisciplinary project spanning stem cell biology and nanotechnology.

**Project description:** Micro/nanostructured materials have the potential to drive significant breakthroughs in our understanding of stem cell behaviour and enable the future development of technologies to effectively repair and regenerate damaged body tissues. This project will use micro/nanopatterned smart surfaces to study stem cell mechanotransduction and fate.

Research Environment: Monash University is one of Australia’s leading research-intensive universities, ranked in the top 100 globally (THE). The successful candidate will be based within New Horizons, a $180M collaborative research hub on the Monash Clayton campus in with modern laboratories and access to state-of-the-art facilities for imaging, genomics and micro-nanofabrication.

For more information contact A/Prof Jess Frith; Jessica.frith@monash.edu