



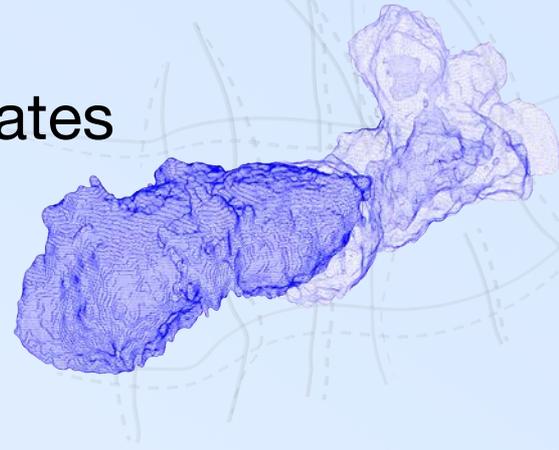
UNSW
SYDNEY

EMBL
Australia

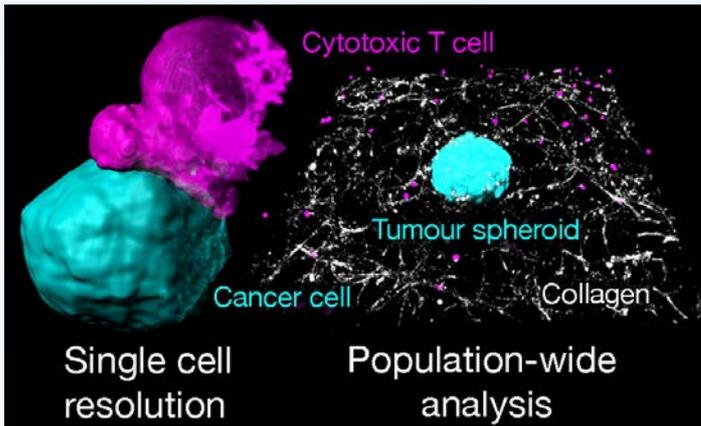


Seeking outstanding PhD candidates

- // World-class research infrastructure
- // Interdisciplinary and collaborative research environment
- // Access to (inter)national EMBL courses and symposia
- // Supportive and fun student culture
- // Sydney based, at Lowy Cancer Research Centre, UNSW



The project: Our group uses *multidisciplinary* approaches in cancer immunology, biophysics and advanced microscopy to unravel intricate *immune and tumour cell interactions*. We recently discovered unique T cell behaviours within the tumour stroma, underpinned by novel pathways the PhD student will harness to *genetically engineer T cells* with superior migratory and killing capacity. Top candidates will be selected for preclinical assessment in a murine pancreatic cancer model. This project addresses critical research gaps that may lead to *ground-breaking immunotherapies*.



The Cell Motility and Mechanobiology group:

Our international researchers have extensive expertise in *immunology, biophysics, genetic engineering, microscopy and cancer*. Based at the UNSW Lowy Cancer Research Centre, our PhD students have access to advanced infrastructure, seminars and state-of-the-art facilities (sequencing, biomedical imaging, flow cytometry), as well as to opportunities to visit and work with collaborators.

Student culture: EMBL Australia students have numerous opportunities to travel, *present their work internationally*, and to develop transferable skills that contribute to their career success, e.g. by attending the EMBL Australia PhD Course, and the EMBL Australia PhD symposium (organized by students for students). The Students of EMBL Australia Node of Single Molecule Science (SEAMS) network organizes *social activities on a regular basis*.

About you: We are looking for *passionate and dedicated* PhD candidates. You will be interested in challenging lab work, have strong attention to detail, and are a collaborative team player. Experience in cell biology, immunology, biophysics or microscopy is advantageous.

Remuneration: Successful competitive candidates will be provided a tax-free living stipend of AUD \$28,597 per annum (RTP scholarship) and an additional top-up scholarship to the value of AUD \$5,000 per annum.

Applications including cover letter, CV and contact details of referees should be emailed to Dr. Maté Biro (m.biro@unsw.edu.au).

More info on group: <https://www.emblaustralia.org/research-leadership/nsw-node-biro-group>