

Post-doctoral fellowships and PhD students – Stefano Piccolo laboratory

The laboratory headed by Prof Stefano Piccolo, University of Padua and IFOM, Italy, invites applications for **2 postdoctoral positions** and **2 PhD candidates** funded by the European Research Council.

Our leading goal is discovering cancer vulnerabilities to advance treatment. Here we deal with two main projects. One focuses on how adult stem cells interact with their tissue microenvironment during ageing and regeneration, including how these signals are diverted in cancer and metastasis. The second project relates to novel strategies to attack lethal tumors and metastases, including potentially groundbreaking means to awaken the immune system against cancer.

We aim to a creative and motivated new team member, with a strong interest in research.

The successful candidates will work within a dynamic international team of experienced researchers, in a leading research institution, and across disciplines, from mouse models to single cell spatial transcriptomics, from molecular mechanisms to translational applications in patients, including adult normal and cancer stem cells and disease “avatars” (organoids).

To apply, please submit your CV and a brief motivation statement to: stefano.piccolo@unipd.it

Benefits/Opportunities:

- Potential to publish your research in top level academic journals
- Very competitive, fully-funded salary.
- Be part of an Advanced ERC-awarded, leading research team that provided pathfinding discoveries in cell biology, signaling and cancer molecular mechanisms, and particularly on cellular mechanotransduction (with publications in Nature, Cell, Cell Stem Cells, Nature Medicine and more).
- Potential to make a significant contribution in basic and applied biology of adult stem cells, unveiling the logics of tissue function and organization, and new principles of normal vs. pathological cell/tissue states.
- To develop their research skills and network with other leading researchers in the field.
- To present your research at international conferences

For more info, please contact Stefano Piccolo by email or phone.

<https://www.ifom.eu/en/cancer-research/research-labs/research-lab-piccolo.php>

<http://www.bio.unipd.it/piccolo/>