

## [CfP] Position at Lanzano's Lab at Nanoscopy, IIT, Genoa, Italy

A junior post-doctoral fellowship will be soon available in the Nanoscopy & NIC@IIT Research Line (<https://www.iit.it/research/lines/nanoscopy-nic-iit>) at the Istituto Italiano di Tecnologia, Genoa, Italy, under the supervision of Dr. Luca Lanzanò (<https://www.iit.it/component/people/luca-lanzano>).

The project – funded by the Italian Association for cancer research, AIRC - involves the application of quantitative super-resolution imaging methods to investigate the origin of oncogene-induced genomic damage. To this end, the successful candidate will perform multicolor super-resolution imaging in an in vitro model of oncogene activation and integrate quantitative data obtained from imaging with information from genome sequencing analysis. The project will be carried out in close collaboration with the European Institute of Oncology in Milan.

The duration of the funded AIRC project is three years.

Scientific and technical background of the applicant.

We are looking for a skillful and motivated young scientist with a background in biology and/or biophysics with previous experience in fluorescence labeling and imaging. The candidate should ideally have documented expertise in fluorescence labeling, cell culture and manipulation and basic operation of the fluorescence microscope. Previous experience in super-resolution (especially STED) microscopy and/or imaging of the nuclear compartment will be considered a plus. Applicants close to finishing their PhD are also welcome to apply. Ability to work as part of a team is fundamental. Interested applicants should contact Dr. Luca Lanzanò ([luca.lanzano@iit.it](mailto:luca.lanzano@iit.it)) for both informal enquiries and formal applications. Formal applications should include a CV, a motivation letter highlighting your research interests (max one page) and the contact information of two references.

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