

The Advanced Light Microscopy (ALM) Facility at CEINGE - Naples, is recruiting a technologist to assist users in daily operations and conduct directed imaging related research. The successful candidate will work with a wide range of researchers from CEINGE, the associated Medical School, Universities and other Research Center. The applicants should be highly motivated, have excellent organizational skills and experimental problem-solving skills, the ability to work well with people and be interested in learn new technologies while supporting imaging core operations. Applicants are expected to have expertise with optical microscopy and image analysis techniques and be familiar with principles of confocal and other advanced microscopy methods.

The Center is equipped with five state-of-the-art imaging systems, including two dedicated super-resolution microscopes. For more information regarding the systems, please visit <https://www.ceinge.unina.it/index.php/en/advanced-light-microscopy-alm>.

Successful applicants will:

- Train new users on the use of the microscope systems.
- Assist users with the execution of their experimental goals, images acquisition and analysis.
- Consult with users on experimental/protocol design and sample preparation.
- Perform maintenance and weekly QC testing of microscope systems.
- Maintain microscope systems and coordinate repairs with vendors.
- Develop new microscopy and image analysis techniques.
- Generate and develop imaging platforms for super-resolution and live-cell imaging.
- Generate and analyze high quality data for publications.

MINIMUM EDUCATION:

A Ph.D. degree in biomedical sciences or biology is preferred, however candidates with a degree in biophysics, bioengineering, physics, computer science or a related discipline will be also taken into consideration.

MINIMUM EXPERIENCE:

Experience in quantitative microscopy and cell biology. Ability to carry out independent research and prepare manuscripts for publication. Super-resolution microscopy experience is highly preferred.

A one-year contract will be offered, after which a permanent job as technologist/manager of the facility may be offered to highly successful candidate. Salary will be negotiate dependently on the scientific background and experience.

Please, use the following address to send CV or to ask for further details: missero@ceinge.unina.it