



Bioimaging Postdoc

This is a preliminary informal survey, seeking an outstanding candidate to fill a postdoctoral position aimed at potentiating the human capital that supports the Advanced Light Microscopy Italian Node of Euro Bioimaging, hosted by the Institute of Biochemistry and Cell Biology, Naples site.

Research theme: Enhancement of the advanced intravital microscopy platform for the study of cell systems, tissues and organs in *in vivo* mouse models.

Type of activity envisaged: Participation in technical-scientific activities related to research projects / programs related to *in vivo* analyses of: i) signals generated by fluorescent biosensors in single cells, tissues and organs; ii) tumor progression in mouse models and optochemogenetics.

Qualifications: Master's Degree in Physics or Engineering, plus Ph.D. in topics related to the research theme.

Skills: Experience in Confocal Microscopy or related disciplines.

Duration: The position will be initially assigned for a period of 12 months and can be extended up to 36 months pending mutual satisfaction. The contractor is covered by a cumulative accident policy signed by the CNR and carries out the activity in conditions of autonomy, within the limits of the program prepared by the research manager, without predetermined working hours.

Presumed starting date: 01 October 2021.

Environment: The Naples Euro-BioImaging ERIC facility located at the IBBC in CNR Research area NA-1 is a continuation of the imaging facility developed by Alberto Luini and colleagues at the Mario Negri Sud Institute for Biomedical Research in the 1990s that pioneered the development of the modern Correlative video-Light Electron Microscopy (CLEM). It is the coordinating facility of the Advanced Light Microscopy Italian multi-modal multi-sited Node of Euro-BioImaging, a pan European research infrastructure project (for more information see: <http://www.eurobioimaging.eu/>). It is managed and operated by the IBBC. The Naples Euro-BioImaging facility (and all other Euro-BioImaging facilities in the participating countries) started their interim operation since May 2016.

Contact: Qualified candidates should send a cover letter specifying “Code CIR01_00023_458592”, detailing research interests and long-term career goal, CV, copies of relevant publications to Prof. Fabio Mammano, e-mail: fabio.mammano@cnr.it.