

Junior Researcher • Rome

Position

Junior Researcher

Job Institution – Department

IRCCS San Raffaele Roma, Synaptic Immunopathology Lab.,
Via di Val Cannuta 247, 00166 Rome

Deadline

30th April 2023

Scientific Responsible

Prof. Georgia Mandolesi

Job Description: We are seeking a talented and motivated postdoc or junior researcher to participate in a project that intend to identify potential biomarkers and/or molecular targets of immune-mediated synaptotoxic processes that are detrimental for Multiple Sclerosis. To this aim, a multidisciplinary approach will be applied to preclinical and chimeric experimental models of Multiple Sclerosis.

The project has been founded by PNRR-MNESYS PE-12.

The successful candidate will have a degree in biology, biotechnology or related disciplines and preferably have 1-2 year laboratory training in molecular and cellular biology or neuroscience and basic experience in microRNA field. Fluent in English. Key Tasks and Responsibilities

As Junior Researcher in the Synaptic Immunopathology Lab the candidate will be responsible for:

- RNA extraction and qPCR experiments for mRNA and microRNA detection;
- Bioinformatics (putative target prediction of microRNAs; Gene Ontology);
- Statistics (in R or SPSS);
- Immunofluorescence and confocal imaging
- Animal handling;
- Communicating results effectively to others inside and outside the Lab.

The role is based in Rome – Italy.

Salary will be commensurate with experience. The successful candidate will work with a flexible working schedule.

To submit your application, please send a CV and motivation letter in English and the name and contact details of potential referees to Georgia Mandolesi – georgia.mandolesi@uniroma5.it

Techniques

Molecular biology (qPCR), immunofluorescence and confocal imaging, bioinformatics, statistics, animal handling.