

Positions:

Two **post-doctoral positions** to work in the field of *immunological aspects of neurological diseases* are currently available in the teams of **Proff. Michela Matteoli and Massimo Locati** at **Humanitas Research Hospital** (Milan, Italy). The successful candidates will have the opportunity to join a multidisciplinary team to work on projects focused on pathological immunological states in rodents and humans.

Projects:

The projects are part of an ambitious research program aimed at developing compounds able to modulate the function of TREM2, an innate immune receptor with phagocytic properties expressed in microglia, and its partner MS4A4A, both genetically linked with Alzheimer disease. Final goal is the development of innovative strategies of relevance in Alzheimer and Parkinson's diseases context.

Projects will employ cellular and molecular/biochemical approaches to understand the molecular basis underpinning the effect of the compounds on the biology of macrophages and microglia, both *in vitro* and *in vivo* human settings and mouse models.

Job details:

Employer: Humanitas Research Hospital

Funding: Italian Ministry of Health (fund from Piano Nazionale di Ripresa e Resilienza)

Supervisors:

Project 1: Michela Matteoli and Fabia Filipello

Project 2: Massimo Locati and Elena Monica Borroni

Job type: Post-doc research fellowships

Employment type: 2-year contract available at June 2023

Job hours: Full-time

Employment address: Humanitas Research Hospital, Rozzano (Milan), Italy.

Requirements:

We offer a dynamic research environment, a chance to improve skills and knowledge and make important contribution to the biomedical research. A competitive salary will be offered, depending on qualifications and experience.

We look for candidates with a PhD degree in Biotechnology, Biology, Molecular Biology, Biomedical Sciences, or related fields. Previous research experience in cell biology, molecular biology and animal handling (not mandatory) is required. The applicant should be an excellent team worker, fluent in spoken and written English.

Contacts:

Interested candidates should send an email to elena.borroni@humanitasresearch.it and fabia.filipello@humanitasresearch.it, including:

- 1) a cover letter describing scientific experience, interests and career goals.
- 2) full Curriculum Vitae
- 3) reference letters and/or names and contact information of at least two professional references.

Applications will be reviewed immediately and considered until the position is filled.