Post-doctoral fellowship at San Raffaele Hospital and University, Milan, Italy

This is an open call for a post-doctoral fellowship position, as part of the MFAG-AIRC Starting Grant “Role of trained immunity and tumor microenvironment in the pathogenesis of Erdheim-Chester disease”, funded by the Italian Association for Cancer Research. Principal investigator is Dr. Giulio Cavalli (http://www.unisr.it/en/k-teacher/cavalli-giulio/), in the prime laboratory of Dr. Simone Cenci (http://research.hsr.it/en/divisions/genetics-and-cell-biology/age-related-diseases.html).

We dissect inflammatory responses in order to develop innovative therapeutic strategies for diseases caused by maladaptive activation of innate inflammation, including cancer, autoimmunity, and cardiovascular pathology. In this study, we focus on the role of trained immunity in the pathogenesis of histiocytoses, a disease model at the crossroad between chronic inflammation and cancer. Our approach integrates genetic, epigenetic, metabolic, and functional cell biology studies, using cellular and animal models as well as patient samples.

This position presents with the opportunity to join a leading University hospital (http://research.hsr.it/en/index.html), in a vibrant research environment with strong collaborative ties with top international experts. Direct links to patient care ensure real and immediate translational opportunities.

Salary will be supported by the MFAG-AIRC starting grant (2019-2024) and will be negotiated based on applicant past achievements.

Qualifications

We are looking for a highly motivated, talented candidate, with an eagerness to face new intellectual challenges and a drive to work independently. Candidates must hold a PhD and have published relevant research as main author. Expertise in basic and advanced techniques in cell biology is required. Expertise in innate immunity mechanisms, monocyte/macrophage biology, or cell energy metabolism is considered a plus. Strong oral and written communication skills in English are a must.

Contact

Please submit your CV, a brief letter of intent, and the names of two references to Dr. Giulio Cavalli: cavalli.giulio@hsr.it