

Milan, October 25nd, 2019

RESEARCH POSITION

We are looking for a highly motivated candidate to work on myeloid cells, cancer and immunotherapy. Expertize in cellular and molecular immunology would be an advantage. The funded project aims to understand the mechanisms that drive pro-tumoral reprogramming of myeloid cells during disease progression and to understand the role of the tumor microenvironment in this process. The effects of neoplastic growth on myelopoiesis and on the generation of immunosuppressive myeloid populations (tumor-associated macrophages and myeloid-derived suppressor cells, in particular) will be investigated. These objectives will be achieved using approaches of integrated metabolomics, functional genomics and multiparametric flow cytometry to evaluate mouse models of genetically-driven cancers, chemically-induced and transplantable cancers. The identified mechanisms will be validated in cancer patients. Bioinformatics knowledge is appreciated. The candidate should have successfully completed a PhD in immunology (or a field relevant to the immunobiology of cancer). English fluency and computer literacy area a must. Research activity will be based at the Laboratory of Molecular Immunology, Department of Inflammation and Immunity, Humanitas Clinical and Research Center, Rozzano, Milan.

Please send your CV to:

Antonio Sica

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