

Post-doc open position

Experimental Oncology Laboratory - Department of Oncology

Istituto di Ricerche Farmacologiche Mario Negri IRCCS, Via Mario Negri 2 - 20156 Milan

We are looking for a three-year fixed-term contract starting from 1 January 2023 for a qualified professional figure with a doctorate in scientific disciplines to be integrated in the Experimental Oncology Laboratory.

The Laboratory of Experimental Oncology is focused on the mechanisms underlying tumor growth, on the identification of new therapeutic targets for the development of active therapies and combinations. Particular interest will be the cellular repair induced by DNA damaging agents and the mechanisms of resistance to treatment to identify strategies capable of delay and/or overcoming drug resistance.

Requirements

- master's degree in Biology, Biotechnology or similar;
- doctorate/PhD in biomedical disciplines obtained at least 12 months before and no later than three years from December 2022;
- good knowledge of the English language;
- excellent interpersonal and team working skills;
- adequate training for the implementation of procedures involving animal care and proven experience in the use of in vivo preclinical models.

Position functions

The candidate will carry out laboratory activities (cellular and molecular biology and use of in vivo preclinical models) concerning the biological and molecular characterization of tumors within the project financed by the Programma di Ricerca e Innovazione named "HEAL ITALIA - Health Extended Alliance for Innovative Therapies, Advanced Lab-research, and Integrated Approaches of Precision Medicine", active in the Partenariato Esteso called "HEAL ITALIA - Health Extended Alliance for Innovative Therapies, Advanced Lab-research, and Integrated Approaches of Precision Medicine", code number PE00000019, CUP B43D22000710006, granted by Ministero dell'Università e della Ricerca in the frame of Piano Nazionale di Ripresa e Resilienza, Missione 4 "Istruzione e ricerca" – Componente 2 "Dalla ricerca all'impresa" – Investimento 1.3, granted By Unione Europea – NextGenerationEU. Specifically, the project concerns the development and characterization of preclinical models for precision medicine, prevention, and diagnostic strategies. This project will use in vitro technologies available and validated in the hosting laboratory (high-through put screening tests, flow cytometry, western blot, etc) and in vivo use of human and mouse tumor models with defined biological and molecular characteristics.

Submit application

Applications must include a *Curriculum Vitae* and must be sent no later than December 12 2022 in PDF format to Dr Giovanna Damia (giovanna.damia@marionegri.it).

Sede Legale
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