



Courtesy translation of D.R. n. 135/2023

For more details on the selection process, please refer to the Italian version of D.R. n. 135/2023 available at <http://www.hunimed.eu/it/lavora-con-noi/>

SELECTION PROCEDURE FOR RESEARCH FELLOWSHIPS

Research Program Title	MYNERVA- MYeloid NEoplasms Research Venture AIRC
Tutor	Prof. Matteo Giovanni DELLA PORTA
Scientific Area	06 – Medical Sciences
Gross amount of the fellowship	30.000,00 Euro
Duration of the fellowship	24 months
Objectives of the research	<p>MYNERVA (acronym of MYeloid NEoplasms Research Venture AIRC) is a research program focused on myeloid neoplasms. Myeloid neoplasms are hematopoietic stem cell tumors that typically undergo progressive evolution over time towards more clinically aggressive forms, with compromised bone marrow function. This process is conditioned by many variables, the main ones being the genetic heterogeneity of the stem cell, clonal selection, the relationship between tumor cells and the bone marrow micro-environment or the organs in which the tumor cells spread.</p> <p>The MYNERVA project aims to increase understanding of the mechanisms responsible for the clonal progression of myeloid malignancies from chronic disease to accelerated or acute forms, and the genetic and environmental mechanisms that underpin the systemic spread of cancer cells.</p>
Activities to be carried out	The successful candidate will be responsible for preparing samples for Next Generation Sequencing (NGS) experiments, including extraction, quantification, and quality assessment of nucleic acids from bone marrow or peripheral blood. He/She will also be responsible for

	preparing sequencing libraries for bulk RNA and single-cell sequencing experiments.
Work place	PIEVE EMANUELE - Milan
Mandatory requirements	<ul style="list-style-type: none"> • Master degree in Biological Sciences or Biotechnology • Adequate scientific and professional background to carry out the research activity described in this call.
Selection process	<p>Application for admissions must be submitted at the following link:</p> <p style="text-align: center;">https://pica.cineca.it/humanitas</p> <p>No hard copy of the application must be sent by post.</p> <p>At first access, applicants need to register by clicking on “Register” and completing the requested data.</p> <p>If applicants already have LOGINMIUR credentials, they do not need to register again. They must access with their LOGINMIUR username and password in the relevant field LOGINMIUR.</p> <p>Applicants must enter all data necessary to produce the application and attach the required documents in PDF format.</p>
Selection criteria	<p>Selection criteria are predetermined by the Selection Committee. As part of the selection process, the Committee will evaluate the curriculum, titles and publications presented by the candidate and will consider, in particular:</p> <ul style="list-style-type: none"> • Technical capabilities; • Working experiences; • Theoretical knowledges; • Fluency in English.

FURTHER INFORMATION:

In the event of any conflict between Job Opening text and Italian D.R. text, the Italian version will prevail.

For more details on the selection process please refer to the **D.R. n. 135/2023** (<http://www.hunimed.eu/it/lavora-con-noi/>) or send an inquiry to ufficiodocenti@hunimed.eu or telephone +39 02.8224.5642/5421.