



Courtesy translation of D.R. n. 183/2023

For more details on the selection process, please refer to the Italian version of D.R. n. 183/2023 available at <http://www.hunimed.eu/it/lavora-con-noi/>

SELECTION PROCEDURE FOR RESEARCH FELLOWSHIPS

Research Program Title	Appropriate management of Bacteriemic Febrile Neutropenia in High-Risk Hematological Patients. Relationship between duration of antibiotic administration, outcome and resistance profile.
Tutor	Prof.ssa Valeria CENTO, prof. Michele BARTOLETTI
Scientific Areas	06 – Medical Sciences
Gross amount of the fellowship	25.000,00 Euro
Duration of the fellowship	22
Objectives of the research	Antimicrobial resistance (AMR) is a global health and development threat that affects general population and immunocompromised hosts. Patients with hematologic malignancies are commonly considered at high risk for infection caused by multidrug resistant microorganisms (MDROs). In fact, as infection is a major cause of death, conventionally these patients receive prolonged antibiotic treatment or prophylaxis. On the way of the global commitment to reduce the spreading of antimicrobial resistance, many studies have already demonstrated that a short course of antibiotics to treat uncomplicated bacteremia, generally 10 days or less, is effective and safe. However, data on the use of this strategy in immunocompromised patients are limited. For these reasons, we would like to investigate the efficacy and the safety to shorten antibiotic treatment in patients with bacteriemic febrile neutropenia who reach stable clinical conditions after a 7-day course of effective antibiotic treatment with a multicenter randomized trial. Additionally we will investigate the impact of shorter and longer antimicrobial treatment in the composition of microbiota

	and risk of developing infection caused by multidrug resistant pathogens.
Activities to be carried out	<ul style="list-style-type: none"> • Screening and enrollment of patients in the study, • data collection, • coordination of participating centers, • periodic assessment of the accuracy and completeness of collected data, • generation of periodic reports.
Work place	PIEVE EMANUELE - Milan
Mandatory requirements	<ul style="list-style-type: none"> • Master's degree in Medicine and Surgery; • Completed Medical School of specialization in Infectious and Tropical Diseases; • 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>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 skills, • work experiences, • theoretical knowledge, • linguistic abilities, • publications.



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. 183/2023** (<http://www.hunimed.eu/it/lavora-con-noi/>) or send an inquiry to ufficiodocenti@hunimed.eu or telephone +39 02.8224.5642/5421.