



Courtesy translation of D.R. n. 186/2023

For more details on the selection process, please refer to the Italian version of D.R. n. 186/2023 available at <http://www.hunimed.eu/it/lavora-con-noi/>

SELECTION PROCEDURE FOR RESEARCH FELLOWSHIPS

Research Program Title	The uteRine-joint Axis iN pSoriatic arthrItis paTients (TRANSIT)
Tutor	Prof. Carlo SELMI
Scientific Areas	06 – Medical Sciences
Gross amount of the fellowship	25.000,00 Euro
Duration of the fellowship	19
Objectives of the research	<p>There is growing evidence supporting the role of the microbiome and gender in spondyloarthritis (SpA), a family of seronegative arthritides including psoriatic arthritis (PsA). The importance of the interaction between the microbiome and immune cells at mucosal sites has been highlighted in the pathogenesis of SpA and one major step was the demonstration that the intestinal dysbiosis drives the activation and the recirculation of gut-derived immune cells. Recently, the role of the cervicovaginal mucosa microbial flora, uterine inflammation, and uterine resident immune recirculation to the development of arthritis has been described in mice suggesting the existence of a uterus-joint axis. However, studies exploring the role of dysbiosis and subclinical uterine inflammation in female patients with PsA are still lacking. This study is tailored to tackle two major issues: 1. Are there PsA-specific bacterial markers in the cervicovaginal tract of female patients? 2. Is there a recirculation of uterine-derived immune cells in the blood and/or joints of women with PsA and how does this influence systemic and joint inflammation?</p>
Activities to be carried out	<ul style="list-style-type: none"> • Patient enrollement; • Patient clinical and clinimetric evaluation;

	<ul style="list-style-type: none"> • data analysis; • scientific report
Work place	PIEVE EMANUELE - Milan
Mandatory requirements	<ul style="list-style-type: none"> • 'Degree in Medicine and Surgery; • Rheumatology or Clinical Immunology and Allegology specialization; • 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: https://pica.cineca.it/humanitas</p> <p>No hard copy of the application must be sent by post. At first access, applicants need to register by clicking on “Register” and completing the requested data. 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. 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"> • Lab experience in biomarker discovery in osteoarticular diseases and immunology field; • Experience in managing patients with rheumatological diseases of childbearing age.

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. 186/2023** (<http://www.hunimed.eu/it/lavora-con-noi/>) or send an inquiry to ufficiodocenti@hunimed.eu or telephone +39 02.8224.5642/5421.