



Courtesy translation of D.R. n. 192/2023

*For more details on the selection process, please refer to the Italian version of D.R. n. 192/2023 available at <http://www.hunimed.eu/it/lavora-con-noi/>*

**SELECTION PROCEDURE FOR RESEARCH FELLOWSHIPS**

Research Program Title	<b>Effects of action observation training and motor imagery delivered by telerehabilitation on mobility, posture and brain plasticity in patients with Parkinson's disease (TeleAOTPD)</b>
Tutor	Prof. Roberto GATTI
Scientific Areas	06 – Medical Sciences
Gross amount of the fellowship	25.000,00 Euro
Duration of the fellowship	16
Objectives of the research	To provide effective long-life motor rehabilitation programs to subjects with Parkinson disease (PD) is a challenging aim for Italian healthcare system. Telerehabilitation approaches have been recently developed as answer to distancing imposed by the Covid-19 pandemic. Aim of the project is to investigate the efficacy on motor tasks and cortical plasticity of Action Observation Training (AOT) and Action Observation followed by Motor Imagery (AOMI) delivered by telerehabilitation in subjects with PD. This project proposes a randomized controlled trial, and the patients will be randomized in three groups (two active and one control). One active group will perform (AOT), a second active group will perform (AOMI), the control group will perform motor exercises without action observation. Outcome measures will encompass clinical rating tools, analysis of gait and of gait initiation, testing of anticipatory postural adjustments, muscles synergies and of the postural component of movements, MRI. The results of this study will contribute to develop recommendations and guidelines for the treatment of subjects with PD

Activities to be carried out	<ul style="list-style-type: none"> <li>• Physiotherapy treatments (administration of exercises, AOT, and AOTMI) to enrolled subjects</li> </ul>
Work place	PIEVE EMANUELE - Milan
Mandatory requirements	<ul style="list-style-type: none"> <li>• Master of Science in Rehabilitation sciences</li> <li>• Adequate scientific and professional background to carry out the research activity described in this call.</li> </ul>
Selection process	<p>Application for admissions must be submitted at the following link:</p> <p style="text-align: center;"><a href="https://pica.cineca.it/humanitas">https://pica.cineca.it/humanitas</a></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"> <li>• A Physiotherapist with at least three years of clinical expertise and scientific skills attested by at least one article published on Scopus or PubMed indexed journal.</li> </ul>

**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. 192/2023** (<http://www.hunimed.eu/it/lavora-con-noi/>) or send an inquiry to [ufficiodocenti@hunimed.eu](mailto:ufficiodocenti@hunimed.eu) or telephone +39 02.8224.5642/5421.