INPS Istituto Nazionale Previdenza Sociale

UNIVERSITÀ DEGLI STUDI DEL MOLISE

ANNEX A

PhD in Translational and Clinical Medicine (DOT22BFYW2)

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CUN Areas	05 - Biological science 06 - Medical science
S.S.D.	MED/49, MED/07, MED/09, MED/42, BIO/03, BIO/08, BIO/09, BIO/10, BIO/12, M-EDF/01
Short description	The PhD Course in Translational and Clinical Medicine of the University of Molise aims to train researchers capable of developing research projects that bridge the gap between laboratory activities and clinical and nutritional sciences, facilitating the translational process in both. directions. The training objectives, therefore, are aimed at acquiring a mosaic of transversal skills in the medical, nutritional and IT fields. Furthermore, the PhD student will develop design and experimental skills up to the achievement of a good and autonomous research and project management skills. Through a structured path that also includes a period of study abroad, doctoral students will acquire in-depth knowledge and skills on frontier research topics and will also be able to understand and proactively contribute to the advancement of knowledge and use of technologies and in their management and innovation at an international level.
Web Site	http://dipmedicina.unimol.it/dottoratodipmed/
Course length	01/03/2023 – 28/02/2026

Total available positions	Position with scholarship financed by INPS **in favor of children and orphans of members of the unitary management of credit and social services and pensioners users of the management of public employees** Topic: Translational and clinical medicine - artificial intelligence for the diagnosis and prognosis of covid a) period of study and research in the enterprise from a minimum of six (6) to a maximum of eighteen (12) months; b) a period of study and research abroad from a minimum of three (3) to a maximum of six (6) months.	**1**
	TOTAL PLACES WITH INPS SCHOLARSHIP in favor of children and orphans of members of the unitary management of credit and social services and retired users of the management of public employees.	**1**

Admission requirements	All master's degrees For candidates who have acquired the qualification abroad, the latter must have characteristics of equivalence with those indicated above. Being the child or orphan of: - registered with the unitary management of credit and social services; - retired user of the Public Employees Management
Assessable qualifications and relative score	List of assessable qualifications up to a maximum of **25/100:** - *Curriculum vitae et studiorum;* - Final degree mark. If the candidate has not obtained the degree at the time of submission of the application, instead of the graduation mark, the weighted average of the marks of the exams will be taken into consideration (max 9 points) - Qualifications proving the candidate's education and skills (research activity at universities and research centres, scholarships, research grants, awards, study and research experiences abroad) (max 5 points) - Scientific publications on international/national journals with peer review (max 4 points) - Oral communications and posters to national/international conferences (max 3 points) - Other qualifications certified by higher educational institutions (second level degrees, specialization courses) (max 4 points)

1

Examination themes and interview *Please note that the project proposal illustrated in the report, (annex 5), prepared for the competition, is not necessarily the project that will be carried out during the PhD program. If admitted, the research project that will in fact be carried out will be subsequently defined and approved by the Program Faculty Board after the start of the PhD Program.*	**Research project (qualifications up to a maximum of 25/100)** Candidates are invited to actively discuss the research topics of the PhD Course through the submission of a research project, an integral part of the application form, dated and signed by the candidate and drawn up according to Annex 5. This work, consistent with its second-level training, must be focused on the following theme: ● *Translational and clinical medicine - artificial intelligence for the diagnosis and prognosis of covid* **Interview** (qualifications up to a maximum di **50/100**) The oral exam will consist in the oral presentation of the research proposal and in a discussion of the technical and scientific topics related to it. The English language knowledge will also be checked. For this purpose, candidates can choose to make their presentation and related discussion in English.

Criteria for the evaluation	The evaluation of the Candidates is divided into two phases: the first one concerns assessable qualifications and the project proposal. Passing this step is a prerequisite for admission to the oral exam (second phase). The results of the first phase of evaluation will be published, as soon as they are available, on the University website at https://www2.unimol.it/dottorato/
	
	To be admitted to the oral exam, the candidate must report a score of not less than **25/100** (given by the sum of the evaluation of assessable qualifications and the project proposal).
	
	The maximum score achievable by each candidate is 100/100, based on the following breakdown:
	• *25/100 assessable qualifications*
	• *25/100 evaluation of the project attached to the application*
	    o Consistency of the project proposal with the topics reported in the call (max 6 points)
	    o Originality of the project and the contribution to knowledge in the area (max 7 points)
	    o Clarity used to identify and describe the research objectives (max 4 points)
	    o Project structure and feasibility (max 4 points)
	    o Organization and synthesis (max 4 points)
	• *50/100 oral presentation concerning the discussion of the presented project:*
	
	    o Clarity and mastery of knowledge in the area of the project - state of the art (max 17 points)
	    o Clarity of the candidate to expose and describe the objectives, originality, expected results, contribution to the knowledge of the area and any application implications of the proposed research (max 18 points)
	    o Candidate's ability to discuss the structure of the project, including methods (max 15 points)
	The results of the second phase of evaluation will be published, as soon as they are available, on the University website at the link: https://www2.unimol.it/dottorato/

Ranking	Candidates with an overall score of at least **50/100** points will be included in the overall merit ranking.
Date of the Interview	Date: 23 February 2023 (09:30 a.m. Italian time) according to the calendar defined by the Commission, based on the number of those admitted to the oral exam. ● Place: -**online**: https://meet.google.com/gjj-rdsw-jkg