

PhD Course: TRANSLATIONAL SPECIALISTIC MEDICINE G.B. MORGAGNI			
Curricula	<input type="checkbox"/> CLINICAL AND TRASLATIONAL NEUROSCIENCES <input type="checkbox"/> ENDOCRINE AND METABOLIC SCIENCES <input type="checkbox"/> CARDIOVASCULAR SCIENCES <input type="checkbox"/> BIOSTATISTICS AND CLINIC EPIDEMIOLOGY <input type="checkbox"/> THORACIC AND PULMONARY SCIENCES <input type="checkbox"/> NURSING AND HEALTH SCIENCES		
Department	SCIENZE CARDIO-TORACO-VASCOLARI E SANITA' PUBBLICA		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 4	
	Scholarships funded by external public or private bodies/Departments	n. 3	<p>1 scholarship funded by Dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica - Topic: Autoantibodies tregeting G protein-coupled receptors in cardiovascular diseases: from their pathophysiologic role to their significance (curriculum: CARDIOVASCULAR SCIENCES);</p> <p>1 scholarship funded by Dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica - Topic: Translational readiness: new approaches for integration and analysis of near real-time streams of data from healthcare structured database and unstructured data (curriculum: NURSING AND HEALTH SCIENCES);</p> <p>1 scholarship funded by Dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica - Topic: Using predictive innovative models for analyzing disease trajectories from electronic health records and for developing new statistical approaches for large clinical trials like the TREX trial (curriculum: BIOSTATISTICS AND CLINIC EPIDEMIOLOGY);</p>
	Scholarships on PNRR funds	n. 2	<p>1 scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR – progetto PNC0000002_DARE - Digital Lifelong Prevention - Spoke n. 3 – “Digitally-enabled secondary and tertiary prevention” - CUP B53C22006440001 - Topic: Models for data analysis of signals from wearable devices for estimating nutritional profiles (curriculum: BIOSTATISTICS AND CLINIC EPIDEMIOLOGY);</p> <p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi PNRR – progetto: National Center for Gene Therapy and Drugs Based on RNA Technology Metabolic and Cardiovascular Diseases [CN3SP4] - CUP [CN00000041 – Spoke #4]) e da Dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica - a gravare su fondi del Dipartimento; PI prof.ssa Annalisa Angelini - Topic: Poly-lipoic acid nonoparticles for the RNA-therapy of heart failure (curriculum: CARDIOVASCULAR SCIENCES);</p>

	Scholarships Ministerial Decree 118/2023	n. 4	1 scholarship Generico PNRR - Topic: Innovation in biomedical research (curriculum: BIOSTATISTICS AND CLINIC EPIDEMIOLOGY); 1 scholarship Generico PNRR - Topic: Innovation in biomedical research (curriculum: CARDIOVASCULAR SCIENCES); 1 scholarship Pubblica Amministrazione - Topic: Biomedical innovation for Health System (curriculum: BIOSTATISTICS AND CLINIC EPIDEMIOLOGY); 1 scholarship Pubblica Amministrazione - Topic: Biomedical innovation for Health System (curriculum: NURSING AND HEALTH SCIENCES);
	Positions without scholarship	n. 8	
	Total number of positions	n. 21	
Selection criteria	EVALUATION OF QUALIFICATIONS AND ORAL EXAMINATION		
Oral examination via remote interview:	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.		
Evaluation of qualifications: First meeting of the Evaluating Commission	03 JULY 2023 09:00		
Publication of the evaluation of the qualifications	Within 04 JULY 2023 the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: https://phdmorgagni.dctv.unipd.it/phd/index.php		
Publication of the remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By 04 JULY 2023 the commission will publish on the course website https://phdmorgagni.dctv.unipd.it/phd/index.php the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form		
Oral examination	05 JULY 2023 09:00 - The exam may continue: 06 JULY 2023 at 9:00 - Biblioteca dell'Anatomia Patologica - Via A. Gabelli, 61 - Padova		
Evaluation criteria	Qualifications: points max 30 Oral examination: points max 70		
Documents to be submitted	Thesis:	Points: max 15	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 10	Curriculum Studiorum (ATTENTION: Including the list of exams and relative marks obtained during the degree course)

	Scientific publications:	Points: max 5	To be attached to the application
Language/s	Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language/s: English Admission exam: The admission exam will be taken in: Italian or English		
Examination topics	Cardiovascular Sciences: Experimental and molecular cardiology. Genetic. Cellular biology of the heart. Cardiovascular physiopathology. Congenital heart diseases. Cardiovascular pathology. Cardiac surgery. Angiology. Vascular surgery. Anthropology. History of Medicine. Pulmonary pathology and thoracic surgery. Endocrine and Metabolic Sciences: Stem cells/circulating endothelial progenitor cells: technical and biological aspects. The role of glycation in chronic complications of diabetis. The role of glycemia non-invasive monitoring in diabetic patient. Clinical and Translational Neurosciences: New research techniques and new developments in neurogenetics; neurochemistry of the peripheral and central nervous system; neuromuscular diseases; mitochondrial and metabolic diseases; biological psychiatry; mood disorders; neuro-otology; neurorehabilitation;experimental neurosurgery. Respiratory physiology in neuromuscular diseases. Biostatistics and Clinical Epidemiology: Statistics. Medical statistics. General and clinical epidemiology. Thoracic and Pulmonary Sciences: Lung pathophysiology. Obstructive, interstitial and oncologic lung diseases. Study of pathogenetic, pathological and immunological mechanisms of lung diseases. Thoracic surgery. Nursing and Health Sciences: Research methodology. Nursing research. Patient-reported outcomes. Clinical research.		
Didactic program	The Course consists of a three step training approach. The teaching activity includes lessons, lectures, seminars, clinicopathological conferences on research topics related to the PhD Course for a required frequency of about 400 hours per year. Seminars on scientific communication, leadership and soft skills usefull for research. https://phdmorgagni.dctv.unipd.it/phd/index.php		
PhD Course Website:	https://phdmorgagni.dctv.unipd.it/phd/index.php		
Further information	Department: SCIENZE CARDIO-TORACO-VASCOLARI E SANITA' PUBBLICA Address: Via A. Gabelli - N. 61, 35121 Padova (PD) Contact person: Cervellin Alessandra telephone: 0498272288 e-mail: phd.morgagni.dctv@unipd.it		
How to apply	The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati39 The documents must be attached in pdf format. The application and the attached documents are submitted authomatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.		
Deadlines	Publication of the ranking lists and enrollment from 19 July 2023 Beginning of PhD courses 1 October 2023		