

PhD Course: BIOMEDICAL SCIENCES			
Department	SCIENZE BIOMEDICHE - DSB		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 5	
	University Scholarships co-funded by the Department	n. 1	Funding Department: SCIENZE BIOMEDICHE - DSB
	Scholarships funded by external public or private bodies/Departments	n. 7	<p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi CARIPARO Progetto di Eccellenza n° 59583 "Mitochondrial ATP-sensitive potassium channels in health and disease - MitoKATP") e fondi Leducq 16CVD04 codice U-GOV DI_L_EPPRES16_01 "Targeting Mitochondria to Treat Heart Disease" - Topic: Mitochondrial ATP-sensitive potassium channel in cardiac pathophysiology;</p> <p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi PRIN bando 2020 cod. 20207 P85MH progetto dal titolo: "The structural and functional raie of the A-kinase anchoring protein myospryn in striated muscle" (CUP C95F22000860006) - Topic: The structural and functional role of the A-kinase anchoring protein myospryn in striated muscle;</p> <p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi PRIN bando 2020 cod. 2020RRJP5L progetto dal titolo: "Biochemical mechanisms and cellular consequences of mitochondrial cation flux: from bioenergetics to metabolic rewiring" (CUP C95F22000850006) - Topic: Biochemical mechanisms and cellular consequences of mitochondrial cation flux: from bioenergetics to metabolic rewiring;</p> <p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi del Progetto CARIPARO id. 59566 dal titolo "Exploring the neglected genome to discover new longevity-related genes" - Topic: Dissecting the role of the C16ORF70 gene i different animal models;</p> <p>1 scholarship funded by Fondazione "Istituto di Ricerca Pediatrica Città della Speranza" - Topic: Investigating immunosuppressive mechanisms in paediatric cancer;</p> <p>1 scholarship funded by Fondazione "Istituto di Ricerca Pediatrica Città della Speranza" - Topic: Multi-cellular integrated models on a chip: applications for cancer studies;</p> <p>1 scholarship funded by Fondazione per la ricerca biomedica avanzata onlus - VIMM - Topic: Characterization of the mechanism by which mitochondrial-ER contact sites regulate glioma cells killing by CTLs;</p>

	Positions without scholarship	n. 1	
	Total number of positions	n. 14	
Selection criteria	PRESELECTION ON THE BASIS OF 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 criteria	Qualifications: points max 40 Oral examination: points max 60		
Documents to be submitted	Thesis:	Points: max 10	Applicants already graduated must provide a pdf copy of their Master Thesis. Applicants waiting to be awarded the entrance qualification within 30th September 2022 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor.
	Curriculum:	Points: max 21	Candidates must report the final score of the Master exam they passed. Candidates that are waiting for the final score are requested to indicate the average of the scores of the exams obtained during their undergraduate Courses
	Scientific publications:	Points: max 4	Provide pdf copies of publications and/or meeting abstracts
	Other documents:	Points: max 5	Research experiences and Awards
Preselection: First meeting of the Evaluating Commission	26 MAGGIO 2022 09:00		
Publication of the results of the evaluation of the preselection	Within 01 JUNE 2022 the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: http://doctorate.biomed.unipd.it/applications/ In order to be admitted to the examination, the candidate must get a score of at least 7/10 in the preselection.		
Publication of the timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 01 JUNE 2022 the commission will publish on the course website http://doctorate.biomed.unipd.it/applications/ the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	06 JUNE 2022 09:00 - The exam may continue: 7-8-9-10 giugno 2022 - Aula 2C COMPLESSO DIDATTICO DI BIOMEDICINA FIORE DI BOTTA, Via del Pescarotto, 8, 35131 Padova PD		
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: English		

Examination topics	During the oral exam, the candidate will be asked to describe his/her scientific interests, any previous research experience, and the Master thesis work. In addition, the interview will be aimed at evaluating the candidate's motivation and attitude for scientific research along with testing his/her knowledge of topics related to the Doctorate Course. For the research-bonded projects ("borse a tema vincolato" in Italian), skills and interest in the research project will be assessed.
Didactic program	PhD students will benefit of interdisciplinary scientific environment. They will attend courses both on general and specialized topics, scientific seminars and journal clubs (where presentations are given by the students). Throughout the course scientific training will take place in the laboratory of choice. For information: http://doctorate.biomed.unipd.it/
PhD Course Website:	http://doctorate.biomed.unipd.it/
Further information	Department: SCIENZE BIOMEDICHE - DSB Address: Via Ugo Bassi - N. 58/B, 35131 Padova (PD) Contact person: Martini Marta telephone: 0498276142 e-mail: marta.martini@unipd.it
How to apply	The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati38 The documents must be attached in pdf format. The application and the attached documents are submitted automatically 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 1 July 2022 Beginning of PhD courses 1 October 2022