PhD Course: BIOMEDICAL SCIENCES

Department	SCIENZE BIOMEDICHE - DSB		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 7	**1** scholarship funded by Dipartimento di Biologia - DiBio - su fondi PNRR - progetto National Centre for HPC, Big Data and Quantum Computing CN1-S08 - CUP C93C22002800006 - **Topic:** In silico study of protein structural ensembles as potential novel drug targets; **1** scholarship funded by Dipartimento di Scienze Biomediche - DSB - su fondi PENN_PRIV21_01 - progetto AIRC "Targeting von Hippel Lindau protein/androgen receptor functional interaction to tackle renal cell carcinoma" - **Topic:** CIn silico analysis of pVHL and AR interaction to decrypt its role in cancer development; **1** scholarship funded by Dipartimento di Scienze Biomediche - DSB - su fondi PNRR - progetto Ageing Well in an ageing society - AGE-IT PE8-S2 - CUP C93C22005240007 - **Topic:** Identification and validation of biomarkers of sarcopenia; **1** scholarship funded by Dipartimento di Scienze Biomediche - DSB - su fondi PNRR - progetto National Center for Gene Therapy and Drugs based on RNA Technology CN3-S04 - CUP C93C22002780006 - **Topic:** RNA-based drugs to counteract muscle atrophy; **1** scholarship funded by Dipartimento di Scienze Biomediche - DSB - su fondi PNRR - progetto National Center for Gene Therapy and Drugs based on RNA Technology CN3-S09 - CUP C93C22002780006 - **Topic:** Novel split-GFP based Delivery Sensors (SPLIDS) for in vivo RNA delivery; **1** scholarship funded by Dipartimento di Scienze Biomediche - DSB - su fondi del Progetto AIRC dal titolo "Targeting von Hippel Lindau protein/androgen receptor functional interaction to tackle renal cell carcinoma" (codice U-GOV PENN_PRIV21_01) e Fondazione JUST Italia - progetto dal titolo "Una nuova trasmissione su RA11" (PENN_PRIV22_02) - **Topic:** Analysis of the role of transcription factors and cofactors in the pathogenesis of cancer and neurodegenerative diseases; **1** scholarship funded by Dipartimento di Scienze Biomediche - DSB - su fondi del Progetto Ricerca di Eccellenza CARIPARO id 59573 dal titolo "CXCR4: a marker of neurotransmission fallure and a taRget for neuromusCular function rEcovery (CIRCLE) (cod. U-GOV RIGO_ECCE21_01) e del Progetto Ricerca Pediatrica 2020-2022 CARIPARO dal titolo "Stimulating recovery from perinatal stroke: role of inflammation and motor training" - **Topic:** Neuronal plasticity in motor recovery in a mouse model for perinatal stroke;
	Total number of positions	n. 7	
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 31st January 2023 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	05 DECEMBER 2022 10:30		
Publication of the results of the evaluation of the preselection	Within **07 DECEMBER 2022** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.biomed.unipd.it/didattica/phd-program-biomedical-sciences/phd-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 **07 DECEMBER 2022** the commission will publish on the course website https://www.biomed.unipd.it/didattica/phd-program-biomedical-sciences/phd-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	13 DECEMBER 2022 10:30 - The exam may continue: 14/12/2022, 10:30; aula RG Vallisneri - Aula RH Complesso Vallisneri, via Ugo Bassi 58/B 35131 Padova		
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 joumal 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/dottorati38pnrr/** 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 **23 December 2022** Beginning of PhD courses **1 February 2023**