

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	Co-funding Department: SCIENZE BIOMEDICHE - DSB
	Scholarships funded by external public or private bodies/Departments	n. 6	<p>1 scholarship funded by Dipartimento di Fisica e Astronomia "G. Galilei" - DFA su fondi Cariparo Bando Ricerca Scientifica d'Eccellenza 2023 - Topic: Glioblastoma models for the development of innovative therapeutic approaches;</p> <p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi AIRC progetto MFAG 2023 ID 29017 "Targeting undruggable intrinsically disordered regions in childhood malignant neoplasms"; PI prof. Damiano Piovesan - Topic: Exploring allosteric rewiring of undruggable proteins in childhood malignant neoplasms: a rational approach to targeted cancer therapy;</p> <p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Topic: Mitochondrial signalling in health and disease;</p> <p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi Progetto AIRC IG 2023 ID 29351 "Tracking metabolic changes for targeting malignant peripheral nerve sheath tumors" - PI prof. Andrea Rasola - Topic: Tracking metabolic changes for targeting malignant peripheral nerve sheath tumors;</p> <p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi STARS@UNIPD 2023 (STARS-StG) progetto "MoARxy"- PI dott.ssa Diana Piol e su fondi CNCCS Rep.82/2023 Contratto c/terzi - Centro per la Ricerca di nuovi farmaci per Malattie Rare, Trascurate e della Povertà, Sp2 - Malattie rare - Responsabile scientifico prof.ssa Maria Pennuto - Topic: Molecular mechanisms of neurodegeneration in SBMA: Local protein synthesis and neurodegeneration;</p> <p>1 scholarship funded by Istituto di Neuroscienze del Consiglio Nazionale delle Ricerche - CNR - Topic: Investigating the crosstalk between Schwann cells and macrophages in peripheral nerve sheath tumors;</p>
	Scholarships on PRIN funds	n. 1	1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo

			per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 2022RTK5H8 "High definition profiling of ovarian cancer ascites for the identification of prognostic biomarkers and immunotherapeutic targets: an integrative cell of origin-guided approach" - CUP C53D23006510001 (Area tematica: settore ERC LS4); Responsabile prof.ssa A. Viola e Progetto 202274SLX8 "WoundXene: chronic wound regenerative regeneration by MXenes-based 3D-printed patches"- CUP C53D23002300001 (Area tematica: settore ERC PE11); Responsabile prof.ssa L. G. Delogu, e fondi HORIZON EUROPE STAFF EXCHANGE "MX-MAP"; PI L. G. Delogu - Topic: Nanomaterial impact and interactions with the immune system;
	Total number of positions	n. 13	
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 2024 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 present their CV by filling the template ("CV_Form") available on the course website: https://www.biomed.unipd.it/didattica/phd-program-biomedical-sciences/phd-applications
	Scientific publications:	Points: max 4	Provide pdf copies of publications or Meeting Abstracts
	Other documents:	Points: max 5	Research experiences and Awards.
Preselection: First meeting of the Evaluating Commission	28 MAY 2024 10:00		
Publication of the results of the evaluation of the preselection	Within 31 MAY 2024 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 31 MAY 2024 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	03 JUNE 2024 09:00 - The exam may continue: 04/06/2024 - 05/06/2024 - Via Ugo Bassi 58/B, Padova-Complesso Vallisneri, 3-4/06/2024 aula G and 05/06/2024 aula I
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.
PhD Course Website:	https://www.biomed.unipd.it/didattica/phd-program-biomedical-sciences
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/dottorati40 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 2 July 2024 Beginning of PhD courses 1 November 2024