



ANNEX A

Ph.D. Programme in BIOMOLECULAR AND HEALTH SCIENCES			
Administrative Department	Department of BIOMOLECULAR SCIENCES		
Duration of the Programme	3 years		
Available positions	Scholarships funded by the University	9	<p>5 position with a topic-specific scholarship:</p> <ul style="list-style-type: none"> - 1 specific scholarship - Topic: Dissecting the role of the Ubiquitin Proteasome System (UPS) in gastric cancer to identify potential drug targets. (Caratterizzazione del ruolo del Sistema Ubiquitina Proteasoma (UPS) nel cancro gastrico per identificare potenziali bersagli farmacologici). - 1 specific scholarship - Topic: Mechanisms whereby arsenic trioxide promotes toxicity in tumour cells with a different spatial organization of the er/mitochondria network / Meccanismi attraverso cui il triossido di arsenico promuove tossicità in cellule tumorali con una diversa organizzazione spaziale del network ER/mitocondri. - 1 specific scholarship - Topic Redox modulation of proteostasis in a murine model of aging: focus on macrophages and lymphoid organs / Modulazione redox della proteostasi in macrofagi e organi linfoidi, utilizzando un modello murino di invecchiamento. - 1 specific scholarship - Topic Novel therapeutic approaches to fight bacterial pathogens / Nuovi approcci terapeutici contro i patogeni batterici. - 1 specific scholarship - Topic: Caveolin-1 impact on vesicular secretome / Impatto della Caveolina-1 sulla secrezione vescicolare. <p>4 positions with a free-topic scholarship Of which 2 reserved to candidates holding a foreign degree</p> <p>The candidate must choose whether to apply for a topic specific scholarship (and thus select one topic) or for a free-topic scholarship.</p> <p>Candidates who wish to compete also for the position with scholarship reserved for candidates who have obtained their qualification abroad must select this option in the online application procedure.</p>



	Positions without scholarship	2	Candidates who wish to compete exclusively for the positions without scholarship must choose the relevant option in the online application procedure
	Total number of available positions	11	
Selection procedure	PRESELECTION BASED ON THE EVALUATION OF QUALIFICATIONS AND ORAL EXAMINATION		
Online interview	Candidates will be interviewed online (videoconference tool used: Zoom)		
Criteria for the evaluation of candidates	Points assigned for the evaluation of qualifications: up to 20 Points assigned for the oral examination: up to 60		
Documentation to be attached to the application form	Curriculum vitae	Points: up to 5	The congruence of the curriculum with the Ph.D. programme will be assessed, as well as the experience gained in the research field. Template available at the following link: https://www.uniurb.it/studiaconnoi/laureati/dottorati-di-ricerca/informazioni-perammissione
	Scientific publications	Points: up to 10	Attach a list of publications and workshop communications/posters as well as a PDF copy of them. The Master's thesis can be included amongst the publications; students you have not yet completed their Master's thesis, can include an abstract of it (1 folder, that is max. 1800 characters, including spaces). Up to 5, published within the last 5 years.
	Additional documentation deemed useful for the assessment by the candidate	Points: up to 5	Other scientific and cultural titles, including eventual reference letters (max. 2)
Preliminary meeting of the Selection Board	August 31 st , 2021		
Publication of the results of the evaluation of qualifications	The Selection Board will publish the results of the evaluation of the qualifications on the website www.uniurb.it/biomolecular-and-health-sciences by September 2nd, 2021 . No minimum score at the evaluation of qualifications is foreseen to be admitted to the oral examination.		
Link for the oral interview	The link for the oral interview will be indicated in the file CALENDARIO PROVA ORALE /CALENDAR OF INTERVIEWS which will be published at: www.uniurb.it/biomolecular-and-health-sciences		
Interview date via ZOOM videoconferencing	September 7th, 2021, h 9:00 (Italian time) The oral examination for candidates competing for topic-specific scholarships will consist in the presentation of a research project linked to the chosen specific topic. The presentation, delivered in English preferably using multimedia support (slides) and lasting maximum 15 minutes, will be followed		



	<p>by discussion on the project itself, as well as on the curriculum and the scientific and research interests of the candidate.</p> <p>For candidates competing for free-topic scholarships and positions without scholarships the oral examination will consist in the presentation of a research project in line with one of the general themes of the Ph.D. programme. The presentation, delivered in English preferably using multimedia support (slides) and lasting maximum 15 minutes, will be followed by discussion on the project itself, as well as on the curriculum and the scientific and research interests of the candidate</p>
Language	<p>During the oral examination, the Selection Board will assess the knowledge of the English language. The oral examination will be held in English.</p>
Topics covered in the oral examination	<p>For topic-specific scholarships: thematic areas relevant to the chosen topic. For all the other positions, the thematic areas within which to develop the research project are as follows:</p> <ol style="list-style-type: none">1. Molecular targets and new therapeutic agents2. Cell signaling and intercellular communication3. Molecular mechanisms of disease4. Physiopathology of oxidative stress5. Diagnostic and prevention of infectious and multifactorial diseases6. Nutrition science and food safety7. Neural plasticity in physiology and pathology8. Physical activity and exercise for health promotion, disease prevention and functional rehabilitation9. Statistical and mathematical methods in biology and medicine
Information on the activities of the PhD programme	<p>Information on the activities of the PhD Programme can be found at the following link: www.uniurb.it/biomolecular-and-health-sciences</p>
How to apply	<p>The application must be submitted exclusively via the online procedure available at: https://pica.cineca.it/uniurb/dottorato37 by and no later than August 24th, h 13:00 (Italian time) All documents (max. 30Mb/each) must be attached in pdf format. The application and the attached documents are sent automatically to the University at the submission of the online procedure. No hard copy of the documentation must thus be delivered nor sent to the offices.</p>
For information requests regarding scientific aspects of the Programme	<p>Ph.D. Programme Coordinator: Professor Marco B.L. Rocchi, tel. 0722-303304 Email: marco.rocchi@uniurb.it</p> <p>Please indicate "PhD in BIOMOLECULAR AND HEALTH SCIENCES" in the email subject</p>
For information requests regarding administrative aspects and support with the online application procedure	<p>Ph.D. Office: dottorato@uniurb.it</p> <p>Please indicate "Ph.D. IN BIOMOLECULAR AND HEALTH SCIENCES" in the email subject</p>