

Annex 2

PhD in	Biochemistry and Molecular Biology - BiBiM 2.0 Administrative seat Università degli Studi di Siena - in cooperation with Università degli Studi di Firenze, Università di Pisa e CNR/IFC
Coordinator	Lorenza Trabalzini (lorenza.trabalzini@unisi.it)
Department	Biotechnologie, Chimica e Farmacia (DBCF)
Open positions	20
of which:	

	n.	Funding institution(s)	Research topic
Positions with scholarship			
A.	3	University of Siena	No research topic restriction
B.	1	University of Pisa	No research topic restriction
C.	1	University of Florence	No research topic restriction
D.	1	CNR IFC	No research topic restriction
Positions with DM 351 scholarship			
E.	1	MUR/University of Siena	Specific research topic: PNRR research (see art. 7 D.M. 351/2022) Multi-omics profiling toward a precision medicine approach to rare diseases.
Positions with DM 352 scholarship			
F.	1	MUR/Toscana Life Sciences	OMICS investigation by mass spectrometry approach
G.	1	MUR/Vismederi Research	Evaluation of various immunological responses toward influenza and emerging viruses (vaccine-induced/natural infection) through immunoassays (enzyme immunoassays and viral and/or pseudoviral neutralization assays)
H.	1	MUR/Food Contact Center srl	Contaminants from packaging: assessment of content, migration into food, exposure, and metabolic impact
I.	1	MUR/ARS Automation	Development of a digital architecture based on Artificial Intelligence for the search and optimization of functional parameters for flexible component feeding in robotic production lines
J.	2	MUR/Kedrion S.p.A.	Identification and development of new protein replacement therapies for rare diseases
Positions without scholarship			
K.	4	//	No research topic restriction
Positions reserved for employees (with salary maintenance)			
L.	1	Toscana Life Sciences	No research topic restriction
M.	1	Philochem AG	No research topic restriction
N.	1	Magi's Lab Srl	No research topic restriction

Type of rankings	<ul style="list-style-type: none"> • Single ranking list for positions with and without scholarship with no research topic restriction (positions A, B, C, D & K) • Stand-alone ranking list for position with DM 352 scholarship (position E) • Stand-alone ranking list for each position with DM 352 scholarship (positions F-J) • Stand-alone ranking list for each position reserved for employees (positions L-N)
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> • Curriculum vitae et studiorum, containing a statement of the access title held with the issuing institution in addition to a list of any publications • Research project (max. 3 pages) - the research project is not binding to the research activity that will be carried out during the doctoral course • Thesis abstract of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian or English (max. 1 page) • English language certification, level B2, if available (optional) • Only for applicants for positions reserved for employees: Employment contract or letter of commitment from the enterprise guaranteeing employment for the entire duration of the PhD course (1 November 2022-31 October 2025)

	<p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p>Candidates who achieved (or will achieve by 31 October 2022) the <u>diploma di laurea at an Italian university</u> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> 1. University issuing the title 2. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>; 3. degree course name 4. list of examinations with votes 5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022). <p>Candidates who achieved (or will achieve by 31 October 2022) their <u>degree at a foreign university</u> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> 1. University issuing the title 2. type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i> 3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022). <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> • transcript – certification of the title with the list of exams and votes – with a translation in Italian or English • Diploma supplement (if available).
Web site for further information	https://www.dbcf.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca
Selection modalities	Evaluation of qualifications Interview in English language
Admission requirements	All masters' degrees (<i>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</i>)
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p>Evaluation of qualifications: Candidates are not allowed to be present during the evaluation. Up to a maximum of 20 points.</p> <p>Interview: presentation (duration 10-15 minutes) and discussion of the research project to be carried out in English. The interview will be conducted via videoconference. Up to a maximum of 80 points.</p> <p>The results of each test will be published on the PhD website.</p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications: 5 September 2022</p> <p>Interview: 8 and 9 September 2022, 9,00 a.m., https://unisi.webex.com/meet/lorenza.trabalzini</p>
Selection committee	The composition of the committee will be published after the deadline for application.