

Second selection notice for doctoral courses of the University of Siena – 38<sup>th</sup> cycle

## Annex 1

PhD in	<b>Biochemistry and Molecular Biology -BiBiM 2.0</b> <b>Administrative seat</b> Università degli Studi di Siena - <b>in convenzione con</b> 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	<b>4</b>

	n.	Funding institutions	Research topics
<b>Positions with scholarships</b>			
A.	1	Ateneo/PNRR CN3 National Center for Gene Therapy and Drugs based on RNA Technology – Affiliato Spoke 5 CUP B63C22000610006	Smart lipid Nanocarriers design (referente scientifico Jlenia Brunetti)
B.	1	Ateneo/PNRR THE (Tuscany Health Ecosystem), ECS00000017, Affiliato Spoke 6, CUP B63C22000680007	Multi- and inter-disciplinary development of a Precision Medicine Ecosystem (referente scientifico Annalisa Santucci)
C.	1	Ateneo/PNRR THE (Tuscany Health Ecosystem), ECS00000017, Affiliato Spoke 7, CUP B63C22000680007	Development of a neutralizing antibody to CD93 for antiangiogenic therapy. (referente scientifico Maurizio Orlandini)
D.	1	Ateneo/PNRR THE (Tuscany Health Ecosystem) ECS00000017, Affiliato Spoke 7, CUP B63C22000680007	Selection and development of Sclerostin peptide inhibitors for bone regeneration (referente scientifico Luisa Bracci)

Type of rankings	<ul style="list-style-type: none"> <li>• Stand-alone ranking list for each position (A-D)</li> </ul>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum (to be signed)</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project</b> (max. 3 pages)</li> <li>• <b>Thesis abstract</b> of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian or English (max. 1 page)</li> <li>• English language certification, level B2, if available (optional)</li> </ul> <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 December 2022) the <b>diploma di laurea at an Italian university</b> 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"> <li>1. University issuing the title</li> <li>2. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>3. degree course name</li> <li>4. list of examinations with votes</li> <li>5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 December 2022).</li> </ol> <p>Candidates who achieved (or will achieve by 31 December 2022) their <b>degree at a foreign university</b> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> <li>1. University issuing the title</li> <li>2. type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i></li> <li>3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 December 2022).</li> </ol> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Sito web di approfondimento	<a href="https://www.dbcf.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca">https://www.dbcf.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca</a>
Selection modalities	<b>Evaluation of qualifications</b> <b>Interview in English language</b>
Admission requirements	<b>All masters' degrees</b> ( <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><b>Evaluation of qualifications:</b> Candidates are not allowed to be present during the evaluation. Up to a maximum of 50 points. Candidates who have passed the evaluation of qualifications with a minimum score of 30 will be admitted to the interview.</p> <p><b>Interview:</b> 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 50 points. The interview will be considered passed if the candidate obtains the minimum score of 30.</p> <p>The results of each test will be published on the PhD website.</p>
Dates of evaluation and exam(s)	Evaluation of qualifications: 15 November 2022. Interview: <b>18 November 2022</b> , ore 9,00. <a href="https://unisi.webex.com/meet/lorenza.trabalzini">https://unisi.webex.com/meet/lorenza.trabalzini</a>
Selection committee	The composition of the committee will be published after the deadline for application.