

Second selection notice for doctoral courses of the University of Siena – 38th cycle

Annex 2

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| PhD in | Medical Biotechnologies |
| Coordinator | Lorenzo Leoncini (lorenzo.leoncini@unisi.it) |
| Department | Biotechnologie Mediche DBM |
| Open positions | 6 |

| | n. | Funding institution(s) | Research topic |
|-----------------------------------|----|---|--|
| Positions with scholarship | | | |
| A. | 1 | Ateneo/PNRR THE - Tuscany Health Ecosystem, ECS00000017, Affiliato Spoke 3 CUP: B63C22000680007 | Additive Manufacturing for Advanced customized medical devices (referente scientifico: Cecilia Goracci) |
| B. | 1 | Ateneo/PNRR THE - Tuscany Health Ecosystem, ECS00000017, Affiliato Spoke 9 CUP: B63C22000680007 | Developing sensor systems for surgical and medical instruments (referente scientifico: Guido Gabriele) |
| C. | 1 | Ateneo/PNRR THE - Tuscany Health Ecosystem, ECS00000017, Spoke 6, CUP: B63C22000680007 | Tumor microenvironment in lymphomas (referente scientifico: Stefano Lazzi) |
| D. | 2 | Ateneo/PNRR progetto INF-ACT "One Health Basic and Translational Research Actions addressing Unmet Needs on Emerging Infectious Diseases, CUP B63C22001400007 | Characterization of candidate small molecule antivirals and antibodies as inhibitors of virus replication (referente scientifico Maurizio Zazzi) |
| E. | 1 | Ateneo/PNRR progetto INF-ACT "One Health Basic and Translational Research Actions addressing Unmet Needs on Emerging Infectious Diseases, CUP B63C22001400007 | Identification and metagenomics of novel and emergent viruses transmitted by arthropods (referente scientifico Prof.ssa Cusi) |

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| Type of rankings | <ul style="list-style-type: none"> Stand-alone ranking for each position (A-E) |
| Documents required for evaluation (to be attached during online application) | <ul style="list-style-type: none"> Curriculum vitae et studiorum (to be signed), 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 in English) Reference letters (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided) 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) <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><u>Candidates who achieved (or will achieve by 31 December 2022) the 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"> University issuing the title type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>; degree course name list of examinations with votes date of obtaining the title and final vote or expected date of obtaining the title (by 31 December 2022). <p><u>Candidates who achieved (or will achieve by 31 December 2022) their 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"> University issuing the title type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i> date of obtaining the title and final vote or expected date of obtaining the title (by 31 |

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| | <p>December 2022).</p> <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.dbm.unisi.it/it/didattica/post-laurea/dottorati |
| Selection modalities | <ul style="list-style-type: none"> • Evaluation of qualifications • Oral examination |
| 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: minimum score 20 points, maximum score 40 points. A minimum of 20 points is required for admission to the oral examination.</p> <p>Oral examination: minimum score 40 points, maximum score 60 points. The examination will consist of the candidate's presentation of his or her research project in English. English language abilities will be assessed during the test. The presentation should ideally be completed in 7 minutes, but may last up to a maximum of 10 minutes.</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: 15 November 2022</p> <p>Oral examination: 18 November 2022, 9:00 Complesso Didattico del Policlinico le Scotte</p> |
| Selection committee | The composition of the committee will be published after the deadline for application. |