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| PhD in | Scienze della Vita – Life Sciences <i>Administrative seat</i> Università degli Studi di Siena - in cooperation with Università di Pisa e INGV |
| Coordinator | Massimo Valoti , massimo.valoti@unisi.it |
| Department | Scienze della Vita DSV |
| Curricula | Curriculum 1: <i>Conservation and biodiversity</i> Curriculum 2: <i>Cell biology, Physiopathology and Pharmacology</i> |
| Open positions | 14 - Applicants may apply for more than one research topic. |
| of which: | |

| n. | Funding institution(s) | Research topic | |
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| Positions with scholarship | | | |
| A. | 1 | University of Siena | Functional Proteomics in Disease Profiling and biomarker discovery (FPDisProf) |
| B. | 1 | University of Siena | Bioplastics: solution or new problem? (BIOPLASTIC) |
| C. | 1 | University of Siena | Trophic networks in a Mediterranean area (TROPIC-NET) |
| D. | 1 | University of Pisa | Development of novel cell membrane camouflaged nanocarriers for drug targeting to metastatic tumors (NANOCANCER) |
| E. | 1 | INGV | Magnetic methodologies applied to biomonitoring of atmospheric particulate matter and environmental ecosystem services (Mag-Bio-Eco) |
| F. | 1 | DSV UniSI (Ulivieri) | Advanced In vitro Human Immune Profiling of GMMA-based vaccines (GAIPRO) |
| G. | 1 | Seqirus | Influenza vaccination policies in Italy: The role of biomedical science specialists in a complex public–private partnership paradigm. The study case of a Medical Affairs Department in a biopharmaceutical company (InfluVITaly_sec) |
| H. | 1 | Chiesi Farmaceutici | Characterization of a high translational power bronchopulmonary dysplasia model by morphological and morphometric analysis (<i>BPD-MMA</i>) |
| Positions with DM 351 scholarship | | | |
| I. | 1 | MUR/ University of Siena | PNRR Research: Modulation of innovative targets for neurodegenerative diseases: synthesis and pharmacological evaluation of new modulators of the GPR55 receptor (MIND55) |
| Positions with DM 352 scholarship | | | |
| J. | 1 | MUR/VisMederi Srl | Evaluation of immune responses elicited by SARSCov2 vaccine administration by different validated analytical assays (COVIMMUNI) |
| K. | 1 | MUR/VisMederi Srl | Development and validation of bioanalytical method for evaluation of the efficacy of new vaccines against SARSCov2 (COVASSAY) |
| L. | 1 | MUR/Bio4Nature | Proteomic analysis of cell wall’s proteins in some economically relevant fungi (ProteoFun) |
| Positions without scholarship | | | |
| M. | 1 | DSV UniSI | Ecological parameters of wild boar in protected areas (ECO-BOAR) |
| Positions reserved for employees (with salary maintenance) | | | |
| N. | 1 | Seqirus | Real-world evidence role in the development of drugs (<i>ReWorldEvi</i>) |

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| Type of rankings | Stand-alone ranking lists for every position (positions A-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 • Cover letter in English: description of motivations for attending the PhD in <i>Scienze della Vita</i> - Life Sciences with any references to the interest in the project(s) for which the candidate intends to apply. The cover letter can be the same for each project. • 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 Laurea Magistrale/Specialistica/vecchio or equivalent foreign degree translated into Italian, English or French (max. 2 pages) |

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| | <ul style="list-style-type: none"> 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> <ul 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 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> <ul 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 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.dsv.unisi.it/it/didattica/post-laurea/dottorati |
| Selection modalities | <ul style="list-style-type: none"> Evaluation of qualifications and curriculum vitae Interview |
| 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. Minimum score for admission to the interview: 20 (maximum 40).</p> <p>Interview: during interview, the willingness to accept the research topic will be ascertained. Minimum score for passing the oral examination: 40 (maximum 60).</p> <p>Candidates admitted to the interview and residing or domiciled in Italy or abroad will be allowed to take the test online via videoconference. The virtual classroom on the Google Meet platform to connect to will be notified on the PhD website: https://www.dsv.unisi.it/it/didattica/post-laurea/dottorati</p> <p>The candidates who are eligible for the interview after the evaluation of qualifications will be convened by the selection committee.</p> <p>The results of each test will be published on the PhD website (see link above).</p> |
| Dates of evaluation and exam(s) | <p>Evaluation of qualifications: 25 August 2022</p> <p>Interview: 12-13-14 September 2022, 9:00 hrs, Nuovi istituti biologici Siena</p> |
| Selection committee | The composition of the committee will be published after the deadline for application. |