



Annex 8

Ph.D. in Translational Medicine

<https://www.santannapisa.it/en/education/phd-translational-medicine>

Coordinator	Prof. Claudio Passino e-mail: claudio.passino@santannapisa.it
Language	Italian, English
Duration	3 years
Research Topics:	Gene therapy in cardiovascular diseases; regenerative cardiac medicine; molecular mechanisms of nutraceuticals; angiogenesis and cancer; cardiovascular, renal, and cancer biomarkers; neurohormonal control of cardiovascular system; coronary and systemic circulation; amyloidosis; anesthesiology; renal function and hyperparathyroidism; cardiac metabolism; cardiovascular imaging; brain-heart axis; microgravity; models of health care and management of chronic patients; hypertension and diabetes; transcription factors and their role in drug discovery; techniques for the characterization of new drug targets; nanovectors as research tools or therapeutic agents
Number of positions available	n. 5 positions with scholarship funded by Scuola (1 position is reserved for candidates who obtained abroad the academic degree necessary for the admission to a doctorate program)
	Euro 16,243.00 gross beneficiary paid in deferred monthly instalments. The amount is inclusive of social security charges. In addition, students can take advantage: <ul style="list-style-type: none">• 26 free monthly meals at the school canteen excluding academic holiday periods,• an increase of € 4.060 gross beneficiary for the period of study and research abroad, subject to the authorization of the Faculty Board,• a budget of € 4.873 to be allocated to cover expenses related to the research activity,• an additional contribution of € 2,200/year as reimbursement for accommodation costs to be paid based on Equivalent Economic Status Index (ISEE).
Submission deadline for the online application	May, 31st 2023 at 12:00 (Noon, CET, Italian time)
Required documents to be attached to the online application	<ol style="list-style-type: none">1. copy of a valid document of identification;2. <i>curriculum Vitae et Studiorum</i>;3. Transcript or certification of examinations passed in degree courses for M.Sc. or MD Degree indicating the mark received for each one, showing any first-class honors awarded, and specifying the average mark. Those holding a qualification obtained abroad must indicate the minimum and maximum marks required for obtaining the qualification, as well as the minimum and maximum marks possible for each individual examination; these documents have to be provided in English or Italian4. copy of the graduation thesis (or an abstract of the thesis of minimum 5 pages in English or Italian); candidates who have not yet obtained the qualification should attach a copy of the draft of the thesis or an abstract of the same;



	<p>5. a detailed research plan written in Italian or English (max 5000 words including references). It should be prepared as a three-year program including the following information:</p> <ol style="list-style-type: none">title of the project;scientific premises and relevant bibliography;aims and expected results;methodologies employed and data analysis;time plan of the project over the three years (e.g. Gantt diagram) <p>This research plan, although necessary for the initial evaluation of the candidate's creative, analytical and critical abilities, may be modified through the Ph.D. Course.</p> <p>6. only for candidates who have obtained their qualifying academic degree abroad: copy of the document certifying the academic degree (MSc degree, Medical degree or equivalent) translated into Italian or English</p>
Other documents, if any	<ul style="list-style-type: none">- Copy of any other certificate or publication that the candidate deems relevant to the programme- Should applicants wish to send recommendation letters written and signed by faculty members or other experts who had the opportunity to assess the applicant's work during his/her university studies, they are required to add name, surname and institutional e-mail address of these experts in the application process. Professors will receive a link where they can directly upload the reference letters <u>until three days after the deadline.</u>
Selection	<p>Qualifications and Interview</p> <p>The selection process will be based on the assessment of the candidate's qualifications and an interview.</p> <p>The Examination Committee will assign a score over a range of 1 to 100.</p>
	<p><u>Assessment of qualifications – maximum score possible: 70</u></p> <p>The Committee will assess the <i>Curriculum Vitae et Studiorum</i> and any relevant qualification submitted. The candidate's research plan will be assessed in terms of quality and feasibility and relevance to lines of research specified in the "Research Topics" section of this information sheet. On completing the assessment, the Committee will express a concise evaluation and award a score out of seventy. Candidates with a score of at least 49/70 will be accepted for interview.</p> <p>Presence of the candidates is not required through the assessment of qualifications.</p> <p><u>Oral examination–maximum score possible: 30</u></p> <p>During the interview with the members of the selection committee the candidates will also be asked to present their CV and the research project in a short power point presentation. During the test candidates will be asked to illustrate their CV and the research project. The test aims to verify the vocation to research and the candidate's ability to propose an innovative, coherent and autonomous research program.</p> <p>Candidates obtaining a score below 21/30 in the interview will be excluded from selection.</p> <p>The interview can be conducted as a video conference. In this case, the document of identification provided when registering online must be presented before starting the interview to confirm the identity of the candidate. It is candidate's responsibility to ensure the required hardware (PC, webcam) and a reliable internet connection.</p> <p>Minimum prescribed mark for inclusion in the rank list is 70/100.</p>



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Test schedule and ranking list	The test schedule and the final ranking list will be published at: https://www.santannapisa.it/en/training/call-application-phd-translational-medicine-23-24
Information	info-phdlifesciences@santannapisa.it tel. +39 050.882.604