

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 Areas:	Gene therapy in cardiovascular diseases; regenerative cardiac medicine; molecular mechanisms of nutraceuticals; angiogenesis and cancer; cardiac, vascular, and renal biomarkers; neurohormonal control of cardiovascular system; coronary and systemic circulation; amyloidosis; anaesthesiology; renal function and hyperparathyroidism; cardiac metabolism; cardiovascular imaging; brain-heart axis; microgravity; models of health care and management of chronic patients; 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	<p>9 positions with scholarship (1 position is reserved for candidates who obtained abroad the academic degree necessary for the admission to a doctorate program) of which:</p> <ul style="list-style-type: none"> - n. 5 positions funded by Scuola - n. 1 position funded by the Laboratory for Management and Health of the Scuola Superiore Sant'Anna for project proposals falling in the area of "Clinical networks and management of complex care pathways" - n. 1 position funded by Fondazione Pisana per la Scienza ONLUS, is available and reserved for candidates submitting a research project on: "Detection and characterization of circulating biomarkers associated with oncological and cardiovascular diseases" - n. 2 positions funded by the Italian Institute of Technology Institute Genova are available and reserved for candidates submitting a research project on: <ul style="list-style-type: none"> a) Selective modulation of autophagy signalling by intra-cellularly targeted carriers and its therapeutic applications b) Role of e-box binding proteins in regulating the circadian clock.
	<p>Gross salary in monthly instalments: Euro 15.343,00</p> <p>The sum includes the social security contribution being paid by the recipient.</p>
Submission deadline for the online application	May, 22nd 2020 at 12:00 (Midday, Italian time)
Documents required (to be attached to the online application under penalty of exclusion)	<ol style="list-style-type: none"> 1. photocopy of a valid document of identification; 2. curriculum Vitae et Studiorum; 3. 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 Italian



	<ol style="list-style-type: none"> 1. 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 thesis as a final draft or an abstract of the same; 2. 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: <ol style="list-style-type: none"> a. title of the project; b. scientific premises and relevant bibliography; c. aims and expected results; d. methodologies employed and data analysis; e. articulation 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 PhD course.</p> 3. only for candidates who have obtained their qualifying academic degree abroad: copy of the certificate attesting to a post-graduate degree (Master degree, Medical degree or equivalent) translated into Italian or English
<p>Other documents, if any</p>	<ul style="list-style-type: none"> - Copy of any other qualification 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, by the deadline of this announcement, the reference letters.
<p>Selection Procedure</p>	<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 Curriculum Vitae et Studiorum 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 Areas" 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. An interview will be done only to verify the knowledge of English.</p> <p>Candidates obtaining a score below 21/30 in the interview will be excluded from selection.</p> <p>Subject to the Committee's approval, 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 that required hardware (PC, webcam) and that there is a reliable internet connection.</p>



	Minimum prescribed mark for inclusion in the rank list is 70/100.
Test schedule and ranking list	The test schedule and the final merit ranking list will be published at https://www.santannapisa.it/en/admissions/phd-translational-medicine-1
Information	info-phdlifesciences@santannapisa.it tel. +39 050.882.604