

## Annex 8

### Ph.D. in Translational Medicine

<http://www.santannapisa.it/en/education/phd-biomedical>

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<b>Language</b>	Italian, English	
<b>Duration</b>	3 years	
<b>Curricula</b>	<b>Molecular Biomedicine, Experimental and Clinical Physiology and Pathophysiology</b>	Research lines in the following areas: regenerative cardiac medicine; molecular mechanisms of nutraceuticals; molecular mechanisms of disease caused by the use of biomedical devices; angiogenesis and cancer; endothelial function and microgravity; identification and pathophysiological significance of vascular, cardiac and renal biomarkers; chemoreflexes and baroreflexes in heart failure; coronary and systemic circulation; renal function and hyperparathyroidism; cardiac mechanics; cardiovascular prosthesis; cardiac metabolism; microgravity and endothelial function; advanced cardiovascular imaging systems. Models of care and management of highly complex chronic patients.
	<b>Drug Discovery</b>	Research lines in the following areas: pharmacogenomics; transcription factors and their role in drug discovery; biochemical and molecular techniques for the characterisation of new drug targets; sphingolipids as targets for cancer treatment; neurodegenerative diseases and obesity; biological and synthetic nanovectors as research tools or therapeutic agents.
<b>Number of positions available</b>	<p><b>8 positions with scholarship</b> (1 position is reserved for candidates who obtained abroad the academic degree necessary for the admission to a doctorate program):</p> <ul style="list-style-type: none"> <li>- <i>n. 2 positions funded by the Italian Institute of Technology Institute Genova</i></li> <li>- <i>n. 1 position funded by the Laboratory for Management and Health of the Scuola</i></li> </ul>	
<b>Scholarship</b>	Gross stipend in monthly instalments: <b>Euro 14,000.00</b> , The sum includes the social security contribution being paid by the recipient.	
<b>Submission deadline for the online application</b>	<b>18 June 2018</b> at 24.00 (Italian time)	
<b>Documents required (to be attached to the online application)</b>	<ol style="list-style-type: none"> <li>1. photocopy of a valid document of identification;</li> <li>2. curriculum vitae;</li> <li>3. self-certification on examinations in the post-graduate degree course (Master or Medical Degree or equivalent) with relative marks;</li> </ol>	



<p><b>under penalty of exclusion)</b></p>	<p>4. copy of the graduation thesis (or an abstract of the thesis, with a photocopy of the cover page); candidates who will obtain their degree by October 31 should attach a copy of the final draft of the thesis or an abstract of the same;</p> <p>5. a detailed research plan written in Italian or English. It should be prepared as a three-year program including the following information:</p> <ol style="list-style-type: none"> <li>title of the project with scientific premises and relevant bibliography;</li> <li>aims and expected results;</li> <li>methodologies employed and data analysis;</li> </ol> <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> <p>6. <b>only for candidates who have obtained their qualifying academic degree abroad:</b> copy of the certificate attesting to a post-graduate degree (Master Degree, Medical degree or equivalent) translated into Italian or English, unless written in French, German or Spanish;</p> <p>7. two letters of reference from prior academic supervisors</p> <p>the two letters of reference, duly signed, should be prepared by faculty members or other academicians who had the opportunity to assess the applicant's work during his/her university studies. <u>These letters must be sent via e-mail by the referees to the address <a href="mailto:info-phdlifesciences@sssup.it">info-phdlifesciences@sssup.it</a> by the date when the Examination Committee will evaluate the candidates' curriculum and qualifications.</u></p> <p>e-mail should report as Subject the candidate's surname, name and PhD course. References that do not satisfy this requirement may not be taken into consideration.</p>
<p><b>Other documents, if any</b></p>	<p>- Copy of any other qualification or publication that the candidate deems relevant to the programme (typewritten works are permitted)</p>
<p><b>Selection Procedure</b></p>	<p><b>Qualifications and Interview</b></p> <p>The selection process will be based on the <b>assessment of the candidate's qualifications and an interview.</b></p> <p>The Examination Committee will assign a score over a range of 1 to 100.</p>
	<p><i>Assessment of qualifications – maximum score possible: 70</i></p> <p><i>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 "Curricula" 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.</i></p> <p><i>Presence of the candidates is not required through the assessment of qualifications.</i></p> <p><i>Interview–maximum score possible: 30</i></p> <p><i>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 oral test will be done to verify the knowledge of English.</i></p> <p><i>Candidates obtaining a score below 21/30 in the interview will be excluded from selection.</i></p> <p><i>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</i></p>



	<p><i>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.</i></p> <p><i>Minimum prescribed marks for inclusion in the rank list is 70/100.</i></p> <p><i>The School will notify the outcome only to the successful candidates, using the email address given in the application. The awardees will be required to confirm their acceptance within 7 days, Failing this, the position will be passed to the first suitable candidate in the ranking list.</i></p>
	<p><b>Qualifications</b></p> <p>The selection process will be based on the <b>assessment of the candidate's qualifications</b>. The Examination Committee will assign a score over the range of 1 to 100.</p>
<b>Test schedule and ranking list</b>	<p>The test schedule and the final merit ranking list will be published at <a href="http://www.santannapisa.it/en/education/phd-translational-medicine">http://www.santannapisa.it/en/education/phd-translational-medicine</a></p>
<b>Information</b>	<p>info-phdlifesciences@santannapisa.it tel. +39 050.883.182</p>