



## TUSCANY Ph.D.

IN

## NEUROSCIENCES

Director prof. Nicoletta Berardi

XXXVII cycle - academic year 2021/2022



Regione Toscana

GIOVANI si



The Pegaso Scholarships are financed with the resources of the Region of Tuscany that can represent an advance of POR FSE TOSCANA 2021/27 funds. The Pegaso Scholarships are the Region of Tuscany's project to promote the autonomy of the youth falls within the sphere of "GiovaniSi" ([www.giovanisi.it](http://www.giovanisi.it)).

<b>BIOMEDICAL AREA</b>	
<b>ADMINISTRATIVE OFFICE</b>	Department of Neuroscience, Psychology, Drug Research and Child Health
<b>REGIONE TOSCANA PEGASO PROJECT 2021</b>	University of Florence University of Pisa University of Siena
<p><b>POSITIONS AVAILABLE: 15</b>            Positions with Scholarship: 13            Positions without Scholarship: 2*            * standard ranking only</p>	
<b>RANKING LIST FOR STANDARD POSITIONS SCHOLARSHIPS AVAILABLE: 6</b>	<p>5 - University of Florence</p> <p>1 - Regione Toscana Pegaso Scholarships 2021</p>
<b>RANKING LISTS FOR POSITIONS WITH SPECIFIC RESEARCH TOPICS SCHOLARSHIPS AVAILABLE: 7</b>	<p>4 - Regione Toscana Borse Pegaso 2021**</p> <ol style="list-style-type: none"> <li><b>Thematic:</b> "Non invasive neuromodulation for central fatigue treatment, on earth and in space".</li> <li><b>Thematic:</b> "New diagnostic approaches in morphological and functional evaluation of visual system in patients with glaucomatous opticopathy undergoing therapy via intraocular medical devices".</li> <li><b>Thematic:</b> "Automated analysis of neonatal and infant behaviour: development of low-cost biomarkers for early detection of neurodevelopmental disorders in Low and Middle Income Countries".</li> <li><b>Thematic:</b> "New robotic approaches for the assessment and rehabilitation of upper limb in children with Cerebral Palsy".</li> </ol> <p>1- Fondazione San Sebastiano Onlus  <b>Thematic:</b> "Intellectual disability and Autistic Spectrum Disorders in adults".</p>

	<p><b>2 - European Research Council (ERC – H2020)</b></p> <ul style="list-style-type: none"> <li>- Dipartimento di Neuroscienze, Psicologia, Area del farmaco e Salute del Bambino (NEUROFARBA) funded by project H2020 ERC- GenPercept - G.A.832813 <b>Thematic:</b> “Spatiotemporal mechanisms of generative perception”.</li> <li>- Dipartimento di Ricerca Traslazionale e nuove Tecnologie in Medicina e Chirurgia - Università di Pisa funded by project H2020 ERC-STG - PUPILTRAITS - G.A. 801715 <b>Thematic:</b> “Virtual reality tools to quantify inter-individual differences in perceptual styles”.</li> </ul> <p><i>** For Regione Toscana Pegaso Scholarships 2021 a period of <b>training/research</b> in an enterprise, a public research institution or other public institution (not a university) of at least <b>3 months</b> is <b>mandatorily</b> required.</i></p>
<p><b>STUDY/RESEARCH PERIODS ABROAD</b></p>	<p>Mandatory for Pegaso Scholarships 2021 in standard ranking and for scholarships funded by ERC projects</p>
<p><b>MANDATORY PERIOD REQUIRED</b></p>	<ul style="list-style-type: none"> <li>- <b>6 months</b> for Pegaso Scholarships 2021 in standard ranking</li> <li>- <b>3 months</b> for scholarships funded by ERC projects</li> </ul>
<p><b>DOCUMENTS REQUIRED FOR THE ADMISSION</b> (under penalty of exclusion)</p>	<ul style="list-style-type: none"> <li>• Copy of the Identification Document</li> <li>• Self-declaration for qualifications (bachelor’s/Master’s/combined cycle degree) obtained in Italy with a list of all exams taken and their mark, title of the thesis and graduation mark (download the form <a href="#">here</a> make sure you <b>fill in in all the fields</b>)</li> <li>• Foreign qualification required to access with a list of all exams taken and their mark, title of the thesis and graduation mark.</li> </ul> <p><i>The same documentation except for the final mark must be submitted by those who will graduate by 31/10/2021</i></p>
<p><b>DOCUMENTS REQUIRED FOR THE EVALUATION</b></p>	<p><b>MANDATORY</b></p> <ul style="list-style-type: none"> <li>• Curriculum vitae (European format), with indication of qualifications and all publications of the applicant</li> <li>• Research Project</li> </ul> <p><b>OPTIONAL</b></p> <ul style="list-style-type: none"> <li>• Publications (if any)</li> <li>• Certificate of English proficiency at level B2 or higher</li> </ul>
<p><b>RESEARCH PROJECT</b></p>	<p>The Research Project has to be written in English (max 6 pages, references included) and must include also a statement of feasibility, where also the host laboratory is specifically indicated. In the application forms, the candidate should indicate whether he/she wants to participate to the selection for the “standard positions”, the “positions with specific topics”, or both. In the latter case, the candidate may submit two different research projects indicating, in the file name of the additional one, “specific research topic scholarship”.</p>

<b>EVALUATION PROCEDURE</b>	<ul style="list-style-type: none"> <li>• <b>Evaluation of curriculum vitae, research project, publications and other qualification documents</b></li> <li>• <b>Interview</b></li> </ul> <p>As detailed in the section below <b>“Evaluation Marks”</b>.</p>															
<b>OTHER LANGUAGE FOR THE INTERVIEW</b>	English															
<b>INTERVIEW MODE</b>	<b>Remotely</b> (videocall)															
<b>FURTHER INFORMATION</b>	<p>The interview is also intended to verify candidate knowledge of the English language (level B2 or higher). Selection of applicants will follow a two-step evaluation (see scheme below).</p> <p><b>Step 1) Preselection for admission to the interview:</b> The Committee will evaluate:</p> <ol style="list-style-type: none"> <li>1) CV (European format) with indication of qualifications (e.g. awards, certificates of research experience and/or attendance of courses relevant to Neuroscience) and all publications of the applicant.</li> <li>2) Publications by the applicant attached to the application. Publications will contribute for a maximum of 3 (three) points. Technical reports and specialization thesis are not evaluated and <u>should not</u> be uploaded.</li> <li>3) Research project in English. In this phase the project will be evaluated for its clarity, coherence with the Doctorate in Neurosciences and for its feasibility, in general and within the Tuscan Ph.D. in Neurosciences Program. (Note: the project presented will not necessarily be accepted as the final thesis project for the applicant, should he/she be accepted in the Ph.D. Program).</li> </ol> <p>Applicants receiving a score of at least 30/40 will be admitted to the interview.</p> <p><b>Step 2) Interview:</b> The <b>interview</b> will focus on a discussion of the research project presented. <b>Good knowledge of spoken and written English is required.</b></p>															
<b>EVALUATION MARKS</b>	<table border="1"> <thead> <tr> <th data-bbox="507 1420 1098 1509">parameters</th> <th data-bbox="1098 1420 1251 1509">minimum score</th> <th data-bbox="1251 1420 1422 1509">maximum score</th> </tr> </thead> <tbody> <tr> <td data-bbox="507 1509 1098 1599">Curriculum vitae, qualifications, publications, Research Project redaction</td> <td data-bbox="1098 1509 1251 1599">30/120</td> <td data-bbox="1251 1509 1422 1599">40/120</td> </tr> <tr> <td colspan="3" data-bbox="507 1599 1422 1666"><b>Applicants who obtain a mark of at least 30/120 in the evaluation of the above parameters will be admitted to the interview</b></td> </tr> <tr> <td data-bbox="507 1666 1098 1756">Interview: discussion of the research project to assess applicant's aptitude for research</td> <td data-bbox="1098 1666 1251 1756">50/120</td> <td data-bbox="1251 1666 1422 1756">80/120</td> </tr> <tr> <td colspan="3" data-bbox="507 1756 1422 1812"><b>Eligibility is achieved with a minimum score of 80/120</b></td> </tr> </tbody> </table>	parameters	minimum score	maximum score	Curriculum vitae, qualifications, publications, Research Project redaction	30/120	40/120	<b>Applicants who obtain a mark of at least 30/120 in the evaluation of the above parameters will be admitted to the interview</b>			Interview: discussion of the research project to assess applicant's aptitude for research	50/120	80/120	<b>Eligibility is achieved with a minimum score of 80/120</b>		
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<p>Further information available at the following web page:  <a href="https://www.neurofarba.unifi.it/ls-9-ricerca.html">https://www.neurofarba.unifi.it/ls-9-ricerca.html</a></p>																

## EXAMINATIONS SCHEDULE

	DATE	TIME
<b>INTERVIEW</b>	September 13 <sup>th</sup> - 14 <sup>th</sup> – 15 <sup>th</sup> 2021	9:00 a.m.

The list of the candidates admitted to the interview and the final ranking will be published at the following web page: <https://www.unifi.it/p12018.html>