TUSCANY Ph.D.

IN

NEUROSCIENCES

Director prof. Maria Pia Amato

XXXIX cycle - academic year 2023/2024

CUP Pegaso Scholarships 2023	B11I23000140006

BIOMEDICAL AREA	
ADMINISTRATIVE OFFICE	Department of Neuroscience, Psychology, Drug Research and Child Health
PARTNER INSTITUTIONS	University of Pisa University of Siena
	POSITIONS AVAILABLE: 10 Positions with Scholarship: 9 Positions without Scholarship: 1* ** standard ranking only*
RANKING LIST FOR STANDARD POSITIONS SCHOLARSHIPS AVAILABLE: 5	**2** - University of Florence **1** - University of Pisa **1** - University of Siena **1** - Università di Pisa funded by HORIZON-EIC Project "PathFinder Open NAP - twin on a chip brains for monitoring individual sleep habits" - GA 101099310 - CUP I53C22002990006
RANKING LISTS FOR POSITIONS WITH SPECIFIC RESEARCH TOPICS SCHOLARSHIPS AVAILABLE: 4	**Regione Toscana Pegaso Scholarships 2023**** 1. **Thematic:** "BigData and machine learning analysis technologies for monitoring the progression and course of neurometabolic disease in the developmental age and related milestones relevant to the patient". 2. **Thematic:** "Development of new portable technologies for retinal imaging and their application in the field of territorial screening of patients with diabetic retinopathy". 3. **Thematic:** "Development of new personalized tele-rehabilitation approaches in the field of cerebral palsy based on action observation (AO) and motor imagery (motor imagery, MI)". 4. **Thematic:** "Autism and substance use disorder. Study of possible pathophysiological modifications in the reward circuit in autism spectrum experimental models". *** For the Regione Toscana's Pegaso Scholarships 2023 Thematic n. 1, 2 and 3 is **mandatorily** required a period of **6 months** in training/research abroad.*

	*For Regione Toscana Pegaso Scholarships 2023 a period of **training/research** in an enterprise, a public research institution or other public institution (not a university) of at least **3 months** is **mandatorily** required.*
STUDY/RESEARCH PERIODS ABROAD	- **3 months** for scholarships - **6 months** for Pegaso scholarship 2023 (thematics n. 1, 2 and 3) - **1-3 months** for Pegaso scholarship 2023 (thematic n. 4)
DOCUMENTS REQUIRED FOR THE ADMISSION	- Copy of the Identification Document - Self-declaration for qualifications obtained in Italy (laurea Triennale, Specialistica o Magistrale o ciclo unico) with a list of all exams taken and their marks, title of the thesis and graduation mark (download the form **here** make sure you **fill in in all the fields**) - Qualifications obtained abroad (Bachelor's and Master Degrees or combined cycle Degree) with a list of all exams taken and their marks, title of the thesis and graduation mark. *The same documentation except for the final mark must be submitted by those who will graduate by 31/10/2023*
DOCUMENTS REQUIRED FOR THE EVALUATION	**MANDATORY** - Curriculum vitae (European format), with indication of qualifications and all publications of the applicant - Research Project **OPTIONAL** - Publications (if any) - Certificate of English proficiency at level B2 or higher
RESEARCH PROJECT	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. The candidate may present the same project for the standard scholarship and for any scholarship with specific research topic and separate ranking lists he/she intend to apply to, or alternatively may present different projects for each scholarship, indicating clearly to which scholarship each project refers.
INTERVIEW MODE	**In-person** (In the application form candidates residing abroad may ask to conduct the interview remotely) The interview can be taken in Italian or in English language. If in Italian, the English language knowledge is tested during the interview.
FURTHER INFORMATION	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). **Step 1) Preselection for admission to the interview:** The Committee will evaluate: 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. 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. 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). Applicants receiving a score of at least 30/40 will be admitted to the interview. **Step 2) Interview:** The **interview** will focus on a discussion of the research project presented. **Good knowledge of spoken and written English is required.**
EVALUATION MARKS	<table><tr><td>**parameters**</td><td>**minimum score**</td><td>**maximum score**</td></tr><tr><td>Curriculum vitae, qualifications, publications, Research Project redaction</td><td>30/120</td><td>40/120</td></tr><tr><td colspan="3">**Applicants who obtain a mark of at least 30/120 in the evaluation of the above parameters will be admitted to the interview**</td></tr><tr><td>Interview: discussion of the research project to assess applicant's aptitude for research</td><td>50/120</td><td>80/120</td></tr><tr><td colspan="3">**Eligibility is achieved with a minimum score of 80/120**</td></tr></table>
Further information available at the following web page: https://www.neurofarba.unifi.it/vp-26-dottorati.html	

EXAMINATION SCHEDULE			
	DATE	**TIME**	**PLACE**
INTERVIEW	September 18th - 19th - 20th ,2023	09:30 am	Department of NEUROFARBA V.le Pieraccini, 6, - Florence Cubo 2, Aula A
The list of candidates admitted to the interview and the final ranking will be published at the following web page: https://www.unifi.it/p12398			