INTERNATIONAL DOCTORATE
IN
STRUCTURAL BIOLOGY

Director prof. Roberta Pierattelli

XXXIX cycle – academic year 2023/2024

SCIENTIFIC AREA	
ADMINISTRATIVE OFFICE	Department of Chemistry "Ugo Schiff"
	POSITIONS AVAILABLE: 7 Positions with Scholarship: 7 Position without Scholarship: *not available*
RANKING LIST FOR STANDARD POSITIONS SCHOLARSHIPS AVAILABLE: 5	**1** - University of Florence **4** - **NRRP** - European Union - NextGenerationEU **Thematic**: "Preparation and structural and dynamic characterization of biomolecules at the atomic level using cutting-edge biophysical and spectroscopic techniques for understanding biological processes at the molecular level" Missione 4 "Istruzione e Ricerca" - Componente 2 "Dalla ricerca all'impresa" - "Fondo per la realizzazione di un sistema integrato di infrastrutture di ricerca e innovazione" – ITACA.SB "Potentiating the Italian Capacity for Structural Biology Services in Instruct-ERIC" - CUP B53C22001790006 co-funded by Department of Chemistry "Ugo Schiff" and Magnetic Resonance Center (CERM) by project INEXTFRAGAI2020 "Infrastructure for transnational access and discovery in structural biology" - CUP B53C22001790006 and by project HIRES_MULTIDYN_TERZA_PARTE_PARIGI "Multiscale Dynamics with Ultrafast High-Resolution Relaxometry" - CUP B94G20000310006
RANKING LISTS FOR POSITIONS WITH SPECIFIC RESEARCH TOPICS SCHOLARSHIPS AVAILABLE:	**1** - **NRRP** - European Union - NextGenerationEU **Thematic**: "Structural Biology of proteins and metallo-proteins, potential pharmacological targets". Missione 4 "Istruzione e Ricerca" - Componente 2 "Dalla ricerca all'impresa" – "Creazione e il rafforzamento degli "ecosistemi dell'innovazione", costruzione di "leader territoriali di R&S" (Ecosistemi dell'Innovazione) - THE - Tuscany Health Ecosystem" - CUP B83C22003920001 co-funded by Department of Chemistry "Ugo Schiff" and Magnetic Resonance Center (CERM) by project SERVATARIFFBIOENABLE. **1** - **NRRP** - European Union - NextGenerationEU **Thematic**: "Rational design and synthesis of small molecules as MerTK (Myeloidepithelial-reproductive Tyrosine Kinase) inhibitors"

	Missione 4 “Istruzione e Ricerca” - Componente 2 “Dalla ricerca all’impresa” – “Creazione e il rafforzamento degli “ecosistemi dell’innovazione”, costruzione di “leader territoriali di R&S” (Ecosistemi dell’Innovazione) - THE - Tuscany Health Ecosystem” - CUP B83C22003920001 co-funded by Department of Chemistry “Ugo Schiff” by project AIRC IG21 - CUP B99J21025210007
STUDY/RESEARCH PERIODS ABROAD	1-6 months
DOCUMENTS REQUIRED FOR THE ADMISSION (under penalty of exclusion)	• 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 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 within the 31/10/2023*
DOCUMENTS REQUIRED FOR THE EVALUATION	**MANDATORY** • Curriculum vitae • Research Project **OPTIONAL** • List of publication • Qualification documents All the documentation requested must be written in English.
RESEARCH PROJECT	The research project, of maximum length of 1000 words, references excluded, should describe a possible research activity that could be developed during the Ph.D. course. 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.
FURTHER INFORMATION ON THE SELECTION	The research project will be evaluated and discussed. During the interview, the candidate can present the research project using electronic supports (PowerPoint presentations), for maximum 5 minutes. During the interview, the Commission will also evaluate the ability of the candidate to perform a scientific research in structural biology or related fields, in consideration of the received training, of the reasoning skills on a thematic of interest of the candidate and on the submitted research project.
INTERVIEW MODE	**In person** (In the application form candidates residing abroad may ask to conduct the interview remotely) **The interview is conducted in English language**

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<tr><td>EVALUATION MARKS</td><td>
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<tr><th>parameter</th><th>minimum score</th><th>maximum score</th></tr>
<tr><td>Evaluation of Curriculum vitae, research project redaction, publications and qualification documents</td><td>40/120</td><td>60/120</td></tr>
<tr><td colspan="3">Applicants who obtain a mark of at least 40/120 in the evaluation of the above parameters will be admitted to the interview</td></tr>
<tr><td>Interview</td><td>40/120</td><td>60/120</td></tr>
<tr><td colspan="3">Eligibility is achieved with a minimum score of 80/120</td></tr>
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<tr><td colspan="2">Further information available at the following web page:
www.phdstructuralbiology.unifi.it</td></tr>
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<tr><th colspan="4">EXAMINATION SCHEDULE</th></tr>
<tr><th></th><th>DATE</th><th>TIME</th><th>PLACE</th></tr>
<tr><td>INTERVIEW</td><td>July 17th 2023</td><td>10:00 a.m.</td><td>Magnetic Resonance Center (CERM)
Via Luigi Sacconi, 6
Sesto Fiorentino (Florence)</td></tr>
<tr><td colspan="4">The list of candidates admitted to the interview and the final ranking will be published at the following web page: https://www.unifi.it/p12341.html</td></tr>
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