

**DOCTORAL PROGRAMME IN  
CHEMICAL SCIENCES  
CYCLE XL  
Academic year 2024/2025**

**FINAL RANKINGS**

In accordance with the Decree signed by the Rector of the University of Florence:

**POSITIONS AVAILABLE: 13**

Positions with scholarship: **13**

Positions without scholarship: *not available*

**RANKING - STANDARD POSITIONS**

**1 - Department of Chemistry "Ugo Schiff" (DICUS), Progetto Ministeriale "Dipartimenti di Eccellenza 2023-2027" (58503\_DIPECC\_23\_27, CUP B97G22000740001)**

**RANKING - POSITIONS WITH SPECIFIC RESEARCH TOPIC**

**1 - Department of Chemistry "Ugo Schiff" (DICUS)**

**1 - Cofunded by University of Florence and CNR/ICCOM - Consiglio Nazionale delle Ricerche - Istituto di Chimica dei Composti OrganoMetallici**

**10 - Cofunded by University of Florence and Department of Chemistry "Ugo Schiff" (DICUS)**

**RANKING - STANDARD POSITIONS**

	<b>SURNAME</b>	<b>NAME</b>	<b>FINAL SCORE</b>	<b>RESULT</b>
1.	LUNGHY	Irene	110,76/120	Position with scholarship
2.	BALDI	Chiara	107,18/120	Eligible
3.	SARTINI	Daniele	102,86/120	Eligible
4.	MORANO	Alessio	102,41/120	Eligible
5.	BRIGANTI	Debora	102,40/120	Eligible
6.	BERTO	Alessandro	101,71/120	Eligible
7.	GIOVANI	Claudia	101,70/120	Eligible
8.	OSTENDI	Chiara	97,34/120	Eligible
9.	MURGIONI	Elisa	92,88/120	Eligible
10.	BONIFAZI	Sara	89,40/120	Eligible

**RANKING FOR POSITION WITH SPECIFIC RESEARCH TOPIC****Department of Chemistry "Ugo Schiff" (DICUS)****Thematic:** "Study of the magnetic anisotropy of metal complexes using ab initio methodologies"

Funded by PERFETTI\_ERC\_ELECTRA - Electrically Controlled Magnetic Anisotropy CUP B95F22000160006 Progetto UE Horizon Europe

	<b>SURNAME</b>	<b>NAME</b>	<b>FINAL SCORE</b>	<b>RESULT</b>
1.	BIGELLI	Consuelo	108,04/120	Position with scholarship
2.	GENG	Yiqi	84,80/120	Eligible

**RANKING FOR POSITION WITH SPECIFIC RESEARCH TOPIC****Cofunded by University of Florence and CNR/ICCOM - Consiglio Nazionale delle Ricerche - Istituto di Chimica dei Composti OrganoMetallici****Thematic:** "Synthesis of Organic and Hybrid Organic-Inorganic Functional Materials for Heterogeneous Catalysis, Gas Storage and Molecular Sensing"

	<b>SURNAME</b>	<b>NAME</b>	<b>FINAL SCORE</b>	<b>RESULT</b>
1.	ISIDORO	Lorenzo	93,50/120	Position with scholarship
2.	NAWAZ	Aqsa	91,16/120	Eligible
3.	ZULFIQAR	Amina	88,06/120	Eligible
4.	ZULFIQAR	Anam	84,09/120	Eligible
5.	GUZZO	Beniamino	83,86/120	Eligible

**RANKINGS FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC****Cofunded by University of Florence and Department of Chemistry "Ugo Schiff" (DICUS)****Thematic:** "Study of the magnetic properties of metal complexes"

Cofunded by PERFETTI\_ERC\_ELECTRA - Electrically Controlled Magnetic Anisotropy CUP B95F22000160006 Progetto UE Horizon Europe

	<b>SURNAME</b>	<b>NAME</b>	<b>FINAL SCORE</b>	<b>RESULT</b>
1.	SARTINI	Daniele	108,78/120	Position with scholarship

**Thematic:** "Circular economy and sustainable development in plastics and end-of-life biomass, including waste and industrial biowaste"

Cofunded by ROSI-CRF-RICERCATORIAFIRENZE - A Second life for waste plastics and residual biomasses Economia circolare e sviluppo sostenibile nel settore delle materie plastiche a fine vita e delle biomasse residuali CUP B99J21021900007 finanziato da Fondazione Cassa di Risparmio Firenze

	<b>SURNAME</b>	<b>NAME</b>	<b>FINAL SCORE</b>	<b>RESULT</b>
1.	GOBBO	Mariasole	106/120	Position with scholarship
2.	BATOOL	Fatima	87,90/120	Eligible

**Thematic:** “Study of electrodeposited or vapor phase deposited (PVD) metals in the technological, energy and Made in Italy fields”  
Cofunded by INNOCENTI-3M

	SURNAME	NAME	FINAL SCORE	RESULT
1.	MONTANARI	Francesco	102,13/120	Position with scholarship
2.	GIOVANI	Claudia	99,63/120	Eligible
3.	OSTENDI	Chiara	94,99/120	Eligible

**Thematic:** “Paramagnetic complexes for optical and chirality-induced spin polarization”  
Cofunded by SESSOLI\_ERC-2022-SYG\_CASTLE - Chirality and spin selectivity in electron transfer processes: from quantum detection to quantum enabled technologies CUP B97G21000120006 Project EU Horizon Europe

	SURNAME	NAME	FINAL SCORE	RESULT
1.	BALDI	Chiara	108,45/120	Position with scholarship

**Thematic:** “Molecular recognition of Fusobacterium envelope components by Siglecs”  
Cofunded by PRIN2022\_FRAGAI - Molecular recognition of Fusobacterium envelope glycans by Siglecs – GLYDOME CUP B53D23015790006 FRAGAI\_GSK\_2022 CUP B97G22000470007

	SURNAME	NAME	FINAL SCORE	RESULT
1.	CALLOZZO	Sara	96,17/120	Position with scholarship

**Thematic:** “Materials from renewable sources: production and functionalization of nanostructured materials and their applications”  
Cofunded by 1) CICCHI\_ITALFIMET\_2024 ITALFIMET\_CICCHI\_2023 CUP B97G22000730007; 2) RICHICILIBERALITA19 and 3) CSGI - Consorzio Interuniversitario per lo sviluppo dei Sistemi a Grande Interfase

	SURNAME	NAME	FINAL SCORE	RESULT
1.	BIANCHI	Elisa	100,23/120	Position with scholarship
2.	AFZAL	Aiman Noor	87,80/120	Eligible
3.	ASHFAQ	Mushabbah	87,50/120	Eligible

**Thematic:** “Design and synthesis of modified peptides of SARS CoV-2 Spike protein to characterize the immune response”  
Cofunded by RF\_2021\_SARSCOV2\_PAPINI - Persistence and magnitude of adaptive immune response to anti-SARS-CoV-2 vaccine, including assessment of cross reaction to virus variants, in healthy children and in immunocompromised paediatric and adult patients: implication for vaccination strategy - Research Type: a) Theory-enhancing - Project Type: Progetti ordinari di Ricerca Finalizzata - Project Code: RF-2021-12374177 CUP: B95E22000780001 Applicant institution: Regione Toscana - Ente finanziatore: Ministero della Salute

	SURNAME	NAME	FINAL SCORE	RESULT
1.	SIADOHONI	shima	91,72/120	Position with scholarship

**Thematic:** “Discovering the SEcret woRld of pOlyseroTONin for green molecular ImprINting and its application in bioanalytics (SEROTONIN)”

Cofunded by “Ministero dell'Università e della Ricerca” PRIN2022\_PNRR\_SCARANO - Discovering the SEcret woRld of pOlyseroTONin for green molecular ImprINting and its application in bioanalytics (SEROTONIN) CUP B53D23025250001 and SCARASIR2015 - Early diagnosis of acute myocardial infarction by nanosensing: coupling emerging bioreceptors for Troponin T to Localized Surface Plasmon Resonance (LSPR) for a high sensitive point-of-care testing CUP B12I15001040008

	SURNAME	NAME	FINAL SCORE	RESULT
1.	SESTIONI	Davide	106,70/120	Position with scholarship

**Thematic:** “Realization of smart control systems to determine the freshness of fish and seafood”

Cofunded by MARRAZZA\_FlpSHEUTRUST\_2022 Programma Horizon Europe - Cluster 6 Food, Bioeconomy, Natural Resources, Agriculture and Environment CUP B53C22001690006 Progetto UE Horizon Europe

	SURNAME	NAME	FINAL SCORE	RESULT
1.	CARBONE	Mattia	88,57/120	Position with scholarship

**Thematic:** “Circular and sustainable Made-in-Italy: synthesis of nitrogen-containing glycomimetics from biomass for eco-design strategies”

Cofunded by 1) PNRR\_PE11\_PHD Progetto PE11 - Made-in-Italy circolare e sostenibile - Piano Nazionale di Ripresa e Resilienza, Missione 4 Componente 2 - Investimento 1.3 - Partenariati estesi - finanziato dall'Unione europea - NextGenerationEU CUP: B83C22004890007; 2) MARRADIETRUSCA19

	SURNAME	NAME	FINAL SCORE	RESULT
1.	MORANO	Alessio	104,84/120	Position with scholarship
2.	DELLA NAVE	Giulio	103,30/120	Eligible
3.	BERTO	Alessandro	101,16/120	Eligible

Florence, 07<sup>th</sup> August 2024