

**DOCTORAL PROGRAMME IN  
CHEMICAL SCIENCES  
NEXTGENERATIONEU - PNRR 2022  
CYCLE XXXVIII  
Academic year 2022/2023**

**FINAL RANKINGS**

In accordance with the D.R. n. 1558 (prot. n. 291893) signed on 16<sup>th</sup> December 2022 by the Rector of the University of Florence:

**“Research activity aimed at the use of computational methods for the study of the correlations between the structure and the magnetic and electronic properties of hybrid systems containing organic molecular magnets and / or based on coordination compounds”**

Centri Nazionali – CN\_1 - CUP: B83C22002830001

	<b>SURNAME</b>	<b>NAME</b>	<b>FINAL SCORE</b>	<b>RESULT</b>
1.	SAHU	PREM PRAKASH	86,93/100	Position with Scholarship
2.	GOKDEMIR	TUGCE	76,54/100	Eligible
3.	EHSAN	MAHNOOR	65,44/100	Eligible

**“Computational and theoretical study of structural and dynamic properties of molecular systems on solid surfaces”**

Centri Nazionali – CN\_1 - CUP: B83C22002830001

	<b>SURNAME</b>	<b>NAME</b>	<b>FINAL SCORE</b>	<b>RESULT</b>
1.	RICCARDI	MARIANO	78,36/100	Position with Scholarship
2.	FANCIULLINI	LUCA	73,02/100	Eligible

**“Design, characterization and optimization of nanostructured vectors for the delivery of RNA (siRNA and miRNA) - Smart nanomaterials for the delivery of therapeutic nucleic acids”**

Centri Nazionali – CN\_3 - CUP: B13C22001010001

	SURNAME	NAME	FINAL SCORE	RESULT
1.	CONTI	LAURA	90,16/100	Position with Scholarship

**“Design, characterization and optimization of nanostructured vectors for the delivery of RNA (siRNA and miRNA) - Development and optimisation of intelligent vectors for RNA delivery to treat autoimmune/ inflammatory based diseases”**

Centri Nazionali – CN\_3 - CUP: B13C22001010001

	SURNAME	NAME	FINAL SCORE	RESULT
1.	CHIARUGI	ILARIA	85,67/100	Position with Scholarship

**“Design, characterization and optimization of nanostructured vectors for the delivery of RNA (siRNA and miRNA) - Characterization of nanostructured vectors for the delivery of siRNA, miRNA and other biologics at the atomic level by means of cutting-edge biophysical and spectroscopic techniques”**

Centri Nazionali – CN\_3 - CUP: B13C22001010001

Not assigned				
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**“Development and characterization of theranostic nanosystems for targeted cancer therapy”**

Ecosistemi dell’Innovazione – THE Tuscany Healthcare Ecosystem system - CUP: B83C22003920001

	SURNAME	NAME	FINAL SCORE	RESULT
1.	SAJJAD	SHAGUFTA	77,55/100	Position with Scholarship
2.	FIANI	SILVIA	72,43/100	Eligible
3.	MARIYAM	LAIBA	65,96/100	Eligible

**“Synthesis and surface engineering of a biocompatible nanomaterial for precision cancer therapy”**

Ecosistemi dell’Innovazione – THE Tuscany Healthcare Ecosystem system - CUP: B83C22003920001

	SURNAME	NAME	FINAL SCORE	RESULT
1.	MANGINI	CHIARA	85,58/100	Position with Scholarship
2.	SAJJAD	SHAGUFTA	77,55/100	Eligible
3.	AVINO	GIULIA	77,32/100	Eligible
4.	TASNEEM	SEHAR	70,36/100	Eligible

**“Structural characterization of tumor associated enzyme complexes with new ligands for drug development of theranostics”**

Ecosistemi dell’Innovazione – THE Tuscany Healthcare Ecosystem system - CUP: B83C22003920001

	<b>SURNAME</b>	<b>NAME</b>	<b>FINAL SCORE</b>	<b>RESULT</b>
1.	BARONI	CHIARA	85,55/100	Position with Scholarship

**“Carbohydrate-conjugated nanostructured platforms for selective interaction with enzymes and targeted delivery”**

Ecosistemi dell’Innovazione – THE Tuscany Healthcare Ecosystem system - CUP: B83C22003920001

	<b>SURNAME</b>	<b>NAME</b>	<b>FINAL SCORE</b>	<b>RESULT</b>
1.	MILANO	FRANCESCA	86,34/100	Position with Scholarship
2.	SCIBETTA	SEFORA ALESSANDRA	83,98/100	Eligible

**“Smart nanomaterials in diagnosis and therapy”**

Ecosistemi dell’Innovazione – THE Tuscany Healthcare Ecosystem system - CUP: B83C22003920001

	<b>SURNAME</b>	<b>NAME</b>	<b>FINAL SCORE</b>	<b>RESULT</b>
1.	MANCUSI	FRANCESCA	88,32/100	Position with Scholarship
2.	MANGINI	CHIARA	85,58/100	Eligible
3.	ASHRAF	RABIA	71,61/100	Eligible
4.	ZAHEER	FATIMA	65,43/100	Eligible

**“Nanofunctionalized architectures for diagnosis and therapy: from neurodegenerations to coronavirus diseases”**

Ecosistemi dell’Innovazione – THE Tuscany Healthcare Ecosystem system - CUP: B83C22003920001

Not assigned
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**“Innovative analytical platforms for personalized, anticipated and low-cost diagnostics”**

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Not assigned
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**“Metallo drugs and Biomolecules”**

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	SURNAME	NAME	FINAL SCORE	RESULT
1.	ZINEDDU	STEFANO	85,24/100	Position with Scholarship
2.	KHEIBARIAN	ZAHRA	65,44/100	Eligible

**“NMR of Metalloproteins”**

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	SURNAME	NAME	FINAL SCORE	RESULT
1.	QUERCI	LEONARDO	86,50/100	Position with Scholarship

**“Advanced Sensors / Materials - Development of innovative materials and advanced sensors for life sciences”**

Ecosistemi dell’Innovazione – THE Tuscany Healthcare Ecosystem system - CUP: B83C22003920001

	SURNAME	NAME	FINAL SCORE	RESULT
1.	FUOCHI	NERI	82,61/100	Position with Scholarship
2.	SAJJAD	SHAGUFTA	78,55/100	Eligible
3.	ZAFAR	MARIA	65,38/100	Eligible

**“Advanced Sensors / Materials - Development of wearable sensors for clinical parameter monitoring”**

Ecosistemi dell’Innovazione – THE Tuscany Healthcare Ecosystem system - CUP: B83C22003920001

	SURNAME	NAME	FINAL SCORE	RESULT
1.	VITALE	ILARIA ANTONIA	81,93/100	Position with Scholarship
2.	SAJJAD	SHAGUFTA	75,55/100	Eligible

**“(Micro)-plastics and emerging contaminants in aquatic environments”**

Partenariati Estesi – PE\_3 - CUP: B83C22004820002

	SURNAME	NAME	FINAL SCORE	RESULT
1.	SFORZI	LAURA	77,96/100	Position with Scholarship
2.	SAJJAD	SHAGUFTA	65,55/100	Eligible
3.	ZAHEER	FATIMA	65,43/100	Eligible