

Anno	Ciclo			Dottore	link profilo	Titolo	Relatore (Tutore)			Settore Scientifico	Correlatore (Co-tutore)		Co-correlatore (Co-cotutore)		Note	
				Nome			Cognome	Nome	Cognome		Curricula	Disciplinare (SSD)	Nome	Cognome		Nome
Year	Cycle			Name	IRIS public	Title	Name	Surname	Curricula	Italian University Research	Name	Surname	Name	Surname	Notes	
					profile link					and Teaching						
2025	XXXVII		1	Andrea	Bortoli	<a href="https://iris.uniu-po.it/cris/rp/rp/39858">https://iris.uniu-po.it/cris/rp/rp/39858</a>	New materials for an efficient PFAS removal in industrial water treatments	Leonardo	Marchese	E	CHIM/02					
		*	2	Laura	Cagna	<a href="https://iris.uniu-po.it/cris/rp/rp/29318">https://iris.uniu-po.it/cris/rp/rp/29318</a>	Development, improvement, and application of new eco-sustainable friction materials: from laboratory development to the finished green product	Leonardo	Marchese	E	CHIM/02					
			3	Sara	Camorali	<a href="https://iris.uniu-po.it/cris/rp/rp/26680">https://iris.uniu-po.it/cris/rp/rp/26680</a>	Development of multidentate ligands selective for metal ions used in diagnostic or theranostic imaging	Lorenzo	Tei	C	CHIM/06					
			4	Daniela Cristina	Campana	<a href="https://iris.uniu-po.it/cris/rp/rp/28620">https://iris.uniu-po.it/cris/rp/rp/28620</a>	Isolation, characterization, and identification of plant-growth promoting bacteria from Morocco for the production of cactus pear in intercropping systems	Guido	Lingua	E	BIO/01					
			5	JulioCesar	Fernandes Pape Brito	<a href="https://iris.uniu-po.it/cris/rp/rp/22123">https://iris.uniu-po.it/cris/rp/rp/22123</a>	Development of functional structured materials in a green chemistry context	Enrica	Gianotti	C	CHIM/02					
			6	Marianna	Genta	<a href="https://iris.uniu-po.it/cris/rp/rp/28618">https://iris.uniu-po.it/cris/rp/rp/28618</a>	Biochemical and structural characterization of macromolecular complexes involved in DNA repair mechanisms in Mycobacterium tuberculosis	Riccardo	Miggiano	C	BIO/10					
		*	7	Maria Ludovica	Macchia	<a href="https://iris.uniu-po.it/cris/rp/rp/29320">https://iris.uniu-po.it/cris/rp/rp/29320</a>	Novel Fe(III)-based MRI diagnostic probes as a sustainable and environmentally friendly alternative to the current use of Gd(III) complexes	Mauro	Botta	C	CHIM/03					proroga 3 mesi
		*	8	Martina	Nasuelli	<a href="https://iris.uniu-po.it/cris/rp/rp/22747">https://iris.uniu-po.it/cris/rp/rp/22747</a>	Functional Biodiversity in Agroecosystems: characterization of microbes and fauna assemblages in rice paddy soils through eDNA metabarcoding (BioDivRice)	Marco	Cucco	E	BIO/05 BIO/19	Elisa	Bona			
			9	Marco	Ricci	<a href="https://iris.uniu-po.it/cris/rp/rp/25524">https://iris.uniu-po.it/cris/rp/rp/25524</a>	Development and characterization of novel metal-based nanosystems as diagnostic probes for molecular imaging	Mauro	Botta	C	CHIM/03					
		*	10	Maddalena	Roncoli	<a href="https://iris.uniu-po.it/cris/rp/rp/29322">https://iris.uniu-po.it/cris/rp/rp/29322</a>	Development of methods for the analysis of contaminants in polymeric samples	Valentina	Gianotti	E	CHIM/01					
		*	11	Davide	Rotondo	<a href="https://iris.uniu-po.it/cris/rp/rp/29324">https://iris.uniu-po.it/cris/rp/rp/29324</a>	Integrated Approaches to Testing and Assessment (IATA) of Per and poly-FluoroAlkyl Substances (PFAS)	Francesco	Dondero	E	BIO/07					
			12	Anna	Sategna	<a href="https://iris.uniu-po.it/cris/rp/rp/23558">https://iris.uniu-po.it/cris/rp/rp/23558</a>	Protein structure and dynamics by NMR: decoding the DNA replication mechanisms in mycobacteria	Daniela	Lalli	C	CHIM/03					proroga 5 mesi
			13	Valerio	Zippo	<a href="https://iris.uniu-po.it/cris/rp/rp/28622">https://iris.uniu-po.it/cris/rp/rp/28622</a>	Monitoring and optimization of processes in the metallurgical industry through advanced multivariate statistical chemometric methods	Elisa	Robotti	C	CHIM/01					
2024	XXXVI		1	<a href="#">Gregorio</a>	<a href="#">Bonsignore</a>	<a href="https://iris.uniu-po.it/cris/rp/rp/20128">https://iris.uniu-po.it/cris/rp/rp/20128</a>	ER Stress Response and induction of Apoptosis in Malignant Pleural Mesothelioma	Enrico	Boccaleri	C	BIO/10 BIO/06	Elia	Ranzato			
			2	<a href="#">Giorgio</a>	<a href="#">Celoria</a>	<a href="https://iris.uniu-po.it/cris/rp/rp/24784">https://iris.uniu-po.it/cris/rp/rp/24784</a>	Adsorbent Materials prepared from natural resources for environmental applications	Mauro	Patrone	C	CHIM/03					
			3	<a href="#">Stefano</a>	<a href="#">Kuschlan</a>	<a href="https://iris.uniu-po.it/cris/rp/rp/24786">https://iris.uniu-po.it/cris/rp/rp/24786</a>	Periodic modulation of phosphorous in silicon using block copolymer lithographic masks	Valentina	Gianotti	C	CHIM/01					
			4	<a href="#">Viviana Maria</a>	<a href="#">Ospina</a>	<a href="https://iris.uniu-po.it/cris/rp/rp/26438">https://iris.uniu-po.it/cris/rp/rp/26438</a>	Polypeptoids for the deterministic doping of semiconductors	Michele	Laus	C	CHIM/04					
			5	<a href="#">Edoardo</a>	<a href="#">Podda</a>	<a href="https://iris.uniu-po.it/cris/rp/rp/22514">https://iris.uniu-po.it/cris/rp/rp/22514</a>	Amphiphilic Star Copolymers Obtained by RAFT Polymerization	Katia	Sparnacci	C	CHIM/04					
2023	XXXV		1	<a href="#">Laura</a>	<a href="#">Confalonieri</a>		Medical applications for Boron containing compounds.	Luigi	Panza	D	CHIM/06					
			2	<a href="#">Luca</a>	<a href="#">Ilahiane</a>		Genetic characterization of Italian animal populations and related endoparasites.	Marco	Cucco	E	BIO/05					proroga 3 mesi
			3	<a href="#">Arash</a>	<a href="#">Foroutan</a>		Pharmacological assessment of novel chemotherapeutics.	Armando	Genazzani	D	BIO/14					presa di servizio posticipata
			4	<a href="#">Alice</a>	<a href="#">Marchetti</a>		Antimicrobial and bioactive biological scaffolds in tissue regeneration.	Michela	Bosetti	D	BIO/16					proroga 3 mesi
			5	<a href="#">Katia</a>	<a href="#">Marconato</a>		Release of a marketed drug: development and validation of potency bioassays.	Simona	Martinotti	D	BIO/09					proroga 3 mesi
			6	<a href="#">Vanessa</a>	<a href="#">Miglio</a>		Optimization of porous materials for environmental purposes.	Chiara	Bisio	C	CHIM/02					

		7	<a href="#">Alessandro</a>	<a href="#">Nucera</a>	Iron(III)-Complexes as MRI Contrast Agents.	Mauro	Botta	D	CHIM/03								
		8	<a href="#">Laura</a>	<a href="#">Pulcini</a>	Microbiota of <i>Vitis vinifera</i> cv. Barbera grapes: a look at the whole community and a focus on culturable indigenous <i>Saccharomyces spp.</i> Strains.	Elisa	Gamalero	E	BIO/19								proroga 12 mesi
2022	XXXIV	1	<a href="#">Valentina</a>	<a href="#">Bonetto</a>	From cell to organism: an overview of responses to simulated hypergravity and microgravity.	Maria Angela	Masini	C	BIO/06								proroga 6 mesi
		2	<a href="#">Celia</a>	<a href="#">Cordero Sanchez</a>	Characterization of a mouse model for Tubular Aggregate Myopathy and development of small molecules.	Armando	Genazzani	D	BIO/14								
		3	<a href="#">Mattia</a>	<a href="#">Lopresti</a>	Non-destructive X-ray based characterization of materials assisted by multivariate methods of data analysis: from theory to application.	Marco	Milanesio	C	CHIM/02								proroga 2 mesi
		4	<a href="#">Candida</a>	<a href="#">Lorusso</a>	A safe by design approach for carbon nanomaterial biotechnological applications.	Francesco	Dondero	E	BIO/07								proroga 6 mesi
		5	<a href="#">Davide</a>	<a href="#">Marchi</a>	Multiscale modelling of organic molecules interacting with solids.	Maurizio	Cossi	C	CHIM/02								proroga 3 mesi
		6	<a href="#">Irene</a>	<a href="#">Masante</a>	Human neural stem cells as a relevant model for brain disorders.	Pier Luigi	Canonico	D	BIO/14								proroga 12 mesi
		7	<a href="#">Chiara</a>	<a href="#">Pandolfo</a>	Deciphering the epigenetic basis of myeloid-derived immunosuppression in cancer and therapy.	Antonio	Sica	D	MED/04								
		8	<a href="#">Sara</a>	<a href="#">Timo</a>	Exploring biological mechanisms and biomarkers through lipidomics.	Emilio	Marengo	D	CHIM/01								
2021	XXXIII	1	<a href="#">Flavio</a>	<a href="#">Anastasia</a>	Study of the growth, artemisinin production and leaf volatilome of some micropropagated <i>Artemisia annua</i> clones inoculated or not with beneficial soil microorganisms.	Guido	Lingua	E	BIO/01								proroga 5 mesi
		2	<a href="#">Federico</a>	<a href="#">Begni</a>	Development of Hyper Cross-linked Polymers for environmental applications.	Giorgio	Gatti	C	CHIM/02								proroga 2 mesi
		3	<a href="#">Masho Hilawie</a>	<a href="#">Belay</a>	Evaluation of contaminants of emerging concern and their transformation products in water.	Elisa	Robotti	E	CHIM/01								proroga 3 mesi
		4	<a href="#">Riccardo</a>	<a href="#">Chiarcos</a>	Polymeric deterministic doping.	Valentina	Gianotti	C	CHIM/01								
		5	<a href="#">Giorgia</a>	<a href="#">Colombo</a>	Targeting extracellular nicotinamide phosphoribosyltransferase (eNAMPT) in Inflammatory Bowel Disease.	Armando	Genazzani	D	BIO/14								
		6	<a href="#">Edoardo Luigi Maria</a>	<a href="#">Gelardi</a>	Biochemical studies of proteins involved in the vitamin A metabolism: from the structural investigation to the development of potential tools for cancer treatment and diagnosis.	Silvia	Garavaglia	D	BIO/10								proroga 2 mesi
		7	<a href="#">Chiara</a>	<a href="#">Ivaldi</a>	Hybrid catalysts based on N-heterocyclic carbene anchored on hierarchical zeolites.	Enrica	Gianotti	C	CHIM/02								
		8	<a href="#">Daiana</a>	<a href="#">Mattoteia</a>	Phytocannabinoids: Novel chemistry of Biological relevance.	Giovanni Battista	Appendino	D	CHIM/06								proroga 2 mesi
		9	<a href="#">Silvia</a>	<a href="#">Mola</a>	Tumor Associated Macrophages (TAMs) a pivotal orchestrator in cancer-related inflammation and a new important target in cancer-therapy.	Chiara	Porta	D	MED/04								proroga 2 mesi
		10	<a href="#">Castrese</a>	<a href="#">Morrone</a>	Biochemical and structural characterization of proteins involved in prokaryotic DNA metabolism as source of novel drug targets and biotechnological solutions.	Menico	Rizzi	D	BIO/10								proroga 2 mesi
		11	<a href="#">Marta</a>	<a href="#">Serafini</a>	Discovery and development of small molecules targeting IDO1 and SOCE.	Tracey	Pirali	D	CHIM/08								
		12	<a href="#">Enza</a>	<a href="#">Torre</a>	Effect of probiotic supplementation on immune system and microbiota composition in allergic patients with rhinitis and asthma: a pilot study. Biologic evaluation of new IDO1 inhibitors as possible hit compounds useful against	Silvia	Fallarini	D	BIO/14								proroga 5 mesi
		13	<a href="#">Fabio</a>	<a href="#">Travagin</a>	Synthesis of new contrast agents for biomedical applications.	Giovanni Battista	Giovenzana	C	CHIM/03								
		14	<a href="#">Federico</a>	<a href="#">Villa</a>	The determinants of market access for medicines: theoretical issues and empirical evidence.	Armando	Genazzani	D	SECS-P/07								
2020	XXXII	1	<a href="#">Elettra</a>	<a href="#">Barberis</a>	New non-invasive approaches for proteomics and metabolomics analyses.	Emilio	Marengo	C	CHIM/03								proroga 3 mesi
		2	<a href="#">Mauro</a>	<a href="#">Barbero</a>	Chemistry of APIs: Synthesis and Solid-State Properties.	Giovanni Battista	Giovenzana	C	CHIM/03								
		3	<a href="#">Augusto</a>	<a href="#">Bleve</a>	Decoding of epigenetic and metabolic events driving immune diversion of myeloid cells in cancer.	Antonio	Sica	D	MED/04								

		4	<a href="#">Michele</a>	<a href="#">Castaldi</a>		Development of innovative synthetic processes for the industrial production of APIs.	Giovanni Battista	Giovenzana	C	CHIM/03							
		5	<a href="#">Marianna</a>	<a href="#">Dionisi</a>		Involvement of ionic channels in chemically-induced neurotoxicity: examples of different molecular mechanisms.	Carla	Distasi	D	BIO/09							
		6	<a href="#">Simone</a>	<a href="#">Gaeta</a>		Tigliane diterpenoids: isolation, chemistry and preliminary biosynthetic studies of a medicinal relevant class of natural compounds.	Giovanni Battista	Appendino	D	CHIM/06							
		7	<a href="#">Martina</a>	<a href="#">Guarneri</a>		Biochemical, inhibitory and structural investigation of plasmodium falciparum nad(p) biosynthesis: a key pathway for parasite survival and a potential source of novel anti-malarial drugs target.	Silvia	Garavaglia		BIO/10							proroga 3 mesi
		8	<a href="#">Stefano</a>	<a href="#">Marchesi</a>		Improving the multifunctional properties of clay materials through combination of lanthanides and synthetic saponites: from environmental to Nanotechnology Applications.	Chiara	Bisio	C	CHIM/02 CHIM/03	Fabio	Carniato					
		9	<a href="#">Beatrice</a>	<a href="#">Rangone</a>		Anticancer activity of bifunctional Pt(IV) prodrugs.	Domenico	Osella	D	CHIM/03							
		10	<a href="#">Maria Elisa</a>	<a href="#">Salvalai</a>		Trisomic neural progenitor cells as novel pharmacological targets in Down Syndrome.	Mariagrazia	Grilli	D	BIO/14							
		11	<a href="#">Anna</a>	<a href="#">Volta</a>		Ecotoxicological effects of atmospheric particulate on aquatic and edaphic organisms.	Aldo	Viarengo	E	BIO/07							
2019	XXXI	1	Michele	Bianchi		LC-MS applications in Pharmaceutical Analysis, Bioanalysis and Proteomics.	Erika	Del Grosso	D	CHIM/08							
		2	<a href="#">Elisa</a>	<a href="#">Calà</a>		Authentication and traceability of valuable food of regional excellence production from Piemonte and Liguria.	Maurizio	Aceto	E	CHIM/01							
		3	<a href="#">Romina</a>	<a href="#">Cannata</a>		The role of different photoprotection mechanisms in preventing photoinhibition of Photosystem II.	Roberto	Barbato	E	BIO/04							proroga 8 mesi
		4	Alessia	Griglio		Toward the development of small molecules for unconventional targets and diseases.	Tracey	Pirali	D	CHIM/08							
		5	Diana Francia	Olivas Olivera		Silica Based Materials for Groundwater Depollution.	Chiara	Bisio	E	CHIM/02							
		6	Federica	Rogati		Synthesis of biotinilated betulinic acid hydroxamate. Synthesis of new terpene strigolactone derivatives. deoxygenation of ursolic, oleanolic and betulinic acid to their corresponding c-28 methyl derivatives ( $\alpha$ -amyrin, $\beta$ -amiryn, lupeol). Synthesis of a library of triterpenic acids with epoxyketones pharmacophore.	Giovanni Battista	Appendino	D	CHIM/06							
		7	<a href="#">Er</a>	<a href="#">Xia</a>		Human ISPC-derived neural stem cells: an innovative source to study brain pathologies and for drug discovery.	Mariagrazia	Grilli	D	BIO/14							proroga 4 mesi
2018	XXX	1	Bianca	Bolfi		Target and non-target LC-MS/MS analysis of cosmetic, food and environmental samples.	Emilio	Marengo	E	CHIM/01							
		2	Alvaro	Brittoli		"In vitro" and "in vivo" studies on innate immune cells.	Grazia	Lombardi	D	BIO/14							
		3	Gabriele	Daglio		Use of biotic elicitors of resistance against Flaccescence dorée on <i>Vitis vinifera</i> cv. Dolcetto and application of a commercial optical sensor for disease symptom detection.	Graziella	Berta	E	BIO/01							
		4	Tommaso Jacopo	Giammaria		Self-Assembly of Cylinder-Forming Block Copolymers by means of High-Temperature thermal treatments.	Michele	Laus	C	CHIM/04							
		5	Rahma	Goussi		Analysis of mechanisms of resistance to extreme environmental conditions using Thellungiella as a model system.	Roberto	Barbato		BIO/04							COTUTELA Tunisia-Italia proroga 1 anno
		6	Sara	Icardi		Lignocellulose degradation: a proteomic and metagenomic study.	Maria	Cavaletto	E	BIO/10							
		7	Valentina Azzurra	Papillo		Formulation and characterization of spray-dried polyphenol-rich ingredients for functional foods.	Marco	Arlorio	E	CHIM/10							presa di servizio dic 2015
		8	Arianna	Russo		Increasing Eukaryotic Initiation Factor (eIF6) gene dosage stimulates global translation and induces a transcriptional and metabolic rewiring that blocks Programmed Cell Death.	Mauro	Patrone	D	BIO/10							
		9	Simone	Torretta		Extracellular Nicotinamide phosphoribosyltransferase (eNAMPT): a cytokine with a still unknown receptor.	Armando	Genazzani	D	BIO/14							
		10	<a href="#">Valentina</a>	<a href="#">Toson</a>		Preparation of functional nanostructured materials by facile and green methods.	Enrico	Boccaleri	C	CHIM/03 CHIM/02 CHIMICA FISICA	Marco	Milanesio					
		11	<a href="#">Chiara</a>	<a href="#">Vittoni</a>		Hybrid Organic-Inorganic Materials for CO <sub>2</sub> Capture and Utilization.	Leonardo	Marchese	E	CHIM/02							

2017	XXIX		1	Giulia	Aprile	Direct self-assembly of di-block copolymers for a new idea of length standards at the nanoscale.	Michele	Laus	C	CHIM/04					
			2	<a href="#">Francesca Maria</a>	<a href="#">Consonni</a>	Inflammation and cancer: relevance of myeloid cells recruitment and plasticity in tumor biology.	Antonio	Sica	D	MED/04					
			3	Danilo	Del Prete	Chemistry and bioactivity of isoprenoids from agro-industrial biomasses: toward a 3rd-generation biorefinery.	Giovanni	Appendino	D	CHIM/06					
			4	Attila	Forgacs	Thermodynamic, kinetic and nmr relaxometric studies of Mn(II) complexes as MRI probes.	Mauro	Botta	C	CHIM/03					
			5	Valentina	Mercalli	Nitrile N-oxides and nitrile imines as electrophilic partners for the discovery of novel isocyanide multicomponent reactions: an innovative strategy for the synthesis of molecular scaffolds useful in medicinal chemistry.	Gian Cesare	Tron	D	CHIM/08					
			6	Cristina	Merla	PCR-based methods for the detection of toxigenic bacteria and filamentous fungi and alternative methods for toxins detection in foods.	Marco	Arlorio	E	CHIM/10					
			7	Giorgia	Novello	Exploring the microbiome of <i>Vitis vinifera</i> cv. Pinot noir in two vineyards with different soil management: metagenomic and metaproteomic analysis.	Elisa	Gamalero	E	BIO/19					
			8	Elena	Perin	Passive drug targeting and delivery of antitumour Pt(IV) prodrugs.	Mauro	Ravera	D	CHIM/03					
			9	Fabio	Quasso	Elemental profiling as a chemical investigation approach: application to health studies and food authentication.	Emilio	Marengo	E	CHIM/01					proroga 1 anno
			10	Igor	Saggese	NSG data analysis approaches for clinical applications.	Flavio	Mignone	E	BIO/11					
			11	Rita	Salem	Adult hippocampal neural progenitor cells: an important <i>in vitro</i> tool for studying complex mechanisms regulating adult neurogenesis.	Maria Grazia	Grilli	D	BIO/14					
			12	Stefano	Tinello	Synthesis, characterization, reactivity and biological evaluation of octahedral Pt(IV) prodrugs with active axial ligands.	Elisabetta	Gabano	D	CHIM/03					
			13	Sara	Zonca	Mechanisms driving response to hypoxia in MPM derived cell lines.	Laura	Moro	D	BIO/13					

**Curricula:**

**C** Chemical methodologies for new molecules and nanomaterials

**D** Drug discovery and development

**E** Energy, environmental and food sciences