

PERSONAL INFORMATION

Lucia Tamborini
 Department of Pharmaceutical Sciences
 Università degli Studi di Milano
 lucia.tamborini@unimi.it



CURRENT POSITION

Associate Professor

WORK EXPERIENCE

- 2019 – present **Associate Professor**
 Department of Pharmaceutical Sciences
 Università degli Studi di Milano
- 2016 – 2019 **Assistant Professor**
 Department of Pharmaceutical Sciences
 Università degli Studi di Milano
- 2007 – 2012 **Post-Doctoral Research Associate**
 Department of Pharmaceutical Sciences
 Università degli Studi di Milano
- 2006 – 2007 **Visiting PhD student**
 Innovative Technology Centre, Department of Chemistry
 University of Cambridge, UK
- 2004 – 2006 **PhD student**
 Institute of Medicinal and Toxicological Chemistry
 Università degli Studi di Milano

EDUCATION AND TRAINING

- 2007 **PhD in Medicinal Chemistry**
 Università degli Studi di Milano
- 2005 **State certification for the Profession of Pharmacist**
 Università degli Studi di Milano
- 2004 **Master’s degree in Medicinal Chemistry and Pharmaceutical Technologies**
 Università degli Studi di Milano

PERSONAL SKILLS

Mother tongue Italian
 Other language

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Organisational / managerial skills

Principal Investigator of a Flow Chemistry and Medicinal Chemistry research team. Excellent organisational and managerial skills. Supervisor of undergraduate Students and PhD Students.

ADDITIONAL INFORMATION

Research activity The research activity is mainly focused on the following topics:

- development of innovative and sustainable synthetic methodologies based on the use of flow reactors combined with immobilized reagents, enzymes and scavengers, for the preparation of biologically active compounds;
- design, synthesis and structure-activity relationships of conformationally constrained analogues of excitatory amino acids as neuroprotective and anticonvulsant agents;
- design and synthesis of enzymatic inhibitors as antiparasitic and antitumor agents.

Publications Author of 67 papers in peer-reviewed international journals.
[Link IRIS-AIR database](#)
ORCID ID: 0000-0002-9755-7846

Presentations at conferences and seminars Author of more than 60 works presented at national and international conferences as invited oral communications, oral communications or poster presentation

Projects Financed projects obtained as project leader:
2018 and 2019 Research contract with Olon Spa entitled “Studies of flow chemistry applications in processes for the synthesis of molecules with biological activity” (12 months).
2018 Research contract with Chiesi Farmaceutici S.p.a. entitled “Development and application of synthetic methodologies for the preparation of new chemical entities or their intermediates having a potential biological activity as kinase inhibitors” (12 months).
2017 Finanziamenti di Ateneo per la ricerca - Piano sviluppo Unimi - Linea 2- Development of innovative downstream procedures for the in-line purification and isolation of nucleosides analogues of pharmaceutical interest (12 months).
2016 Research contract with Olon Spa entitled “Studies of flow chemistry applications in processes for the synthesis of molecules with biological activity” (12 months).
2016 Finanziamenti di Ateneo per la ricerca - Piano sviluppo Unimi - Linea 2- Biotransformations in continuous flow reactors: an innovative approach for the synthesis of high value chemicals (12 months).

Honours and awards
2017 Admitted to “Finanziamento delle attività base di ricerca (FFBAR)”.
2017 Catalysis Science & Technology Poster Prize for the poster “Biocatalytic oxidations in a flow system” V. De Vitis, D. Romano, F. Dall’Oglio, L. Tamborini, F. Molinari, BioTrans 2017, Budapest, Hungary, July 2017 (awarded to Valerio De Vitis).
2017 Recognition “Highly Read Article of 2015” by Journal of Medicinal Chemistry for the publication “Characterization of 2,4-Diamino-6-oxo-1,6-dihydropyrimidin-5-yl Ureido Based Inhibitors of Trypanosoma brucei FoD and Testing for Antiparasitic Activity”, J. Med. Chem. Vol. 58, Issue 20, 2015.
2016 Best Poster Prize for Chemical Innovation and Technologies for the poster “The chemoenzymatic flow synthesis of Captopril”, F. Dall’Oglio, A. Pinto, V. De Vitis, F. Molinari, D. Romano, P. Conti, L. Tamborini, “XXIV National Meeting on Medicinal Chemistry”, Perugia (awarded to Dr Federica Dall’Oglio).
2014 Farindustria Prize for the excellence in medicinal chemistry research.
2014 Winner of the “Young medicinal chemist meeting” in Italy.
2014 Winner of a fellowship to attend the “1st EFMC Young Medicinal Chemist Symposium”, Lisbon, September, 2014.
2012 Winner of a fellowship to attend the “XXI National Meeting on Medicinal Chemistry”, Palermo, July, 2012.
2008 Winner of a fellowship to attend the XXVIII edition of the “European School of Medicinal Chemistry”, Urbino, July, 2008.

Reviewer activity
- Reviewer for International journals such as European Journal of Medicinal Chemistry, Nature Communications, Food Chemistry, Applied Microbiology and Biotechnology, Journal of King Saud University, Arabian Journal of Chemistry, Organic Process Research & Development.
- Evaluator for BBSRC - Biotechnology and Biological Sciences Research Council (2014).
- Evaluator for the Czech Science Foundation (2016).

Memberships From 2005, Member of the Italian Chemical Society, Medicinal Chemistry Division.
Courses Academic year 2017/2018 and 2018/2019. Teacher of the courses “Biotechnological approaches in drug design and optimization” and “Development and preparation of drugs with biotechnological methods” (Degree course in Degree course in Pharmaceutical Biotechnologies).

Academic year 2016/2017. Teacher of the course “Laboratory of quantitative analysis” (Degree course in Pharmacy).

Academic year 2016/2017. Lecture on “Biocatalysis in flow chemistry reactors” for the PhD course in Chemistry and Industrial Chemistry at the University of Milan.

Academic years 2013/2014 and 2014/2015. Teacher of the course “Advanced analysis of active plant ingredients” (Degree course in Degree course in Herbal Sciences and Technology).

Academic year 2013/2014 and 2014/2015. Lecture on “Flow chemistry in drug discovery” for the PhD course in Chemistry and Industrial Chemistry at the University of Milan.

Academic year 2012/2013. Teacher of the course “Laboratory of chemical-toxicological analysis” (Degree course in Pharmacy).

Institutional responsibilities

2017-present: Member of the Board of Teachers of the Doctorate course in Chemistry, Università degli Studi di Milano.

2015-present: Member of COSP Commission.

2012-present: Member of Commission of the State certification exam for the Profession of Pharmacist, Department of Pharmaceutical Sciences, University of Milan.

Personal information

I authorize the handling of personal information in this curriculum, according to D.Lgs n. 196/03 and following modifications and Regulations EU 679/2016 (General Regulations concerning Data Protection or GRDP) and art. 7 of University Regulations concerning protection of personal information.

I authorize, according to D.lgs 14/03/2013 n. 33 concerning transparency, in case of conferment of the position and of the fellowship, the publication of this curriculum in the web site of Università degli Studi di Milano in the section “Amministrazione trasparente”, “Consulenti e collaboratori”.

Date 01/06/2019

Signature

