

PERSONAL INFORMATION

Clelia Dallanoce



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 University of Milan
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CURRENT POSITION

Associate Professor

WORK EXPERIENCE

- 2018- [Associate Professor of Medicinal Chemistry](#)
 Department of Pharmaceutical Sciences - Faculty of Drug Sciences - University of Milan
- 1996-2018 [Assistant Professor of Medicinal Chemistry](#)
 Department of Pharmaceutical Sciences - Faculty of Drug Sciences - University of Milan
- 1993-1996 [Research Chemist](#)
 Marion-Merrel Dow Research Institute - Gerezano (VA)
- 1991-1993 [Associate Research Chemist](#)
 Marion-Merrel Dow Research Institute - Gerezano (VA)
- 1990-1991 [Analytical Laboratory Specialist for Marketing support](#)
 Pierrel S.P.A. - Milan

EDUCATION AND TRAINING

- 1995 [Master Degree in Pharmacy](#)
 Faculty of Pharmacy - University of Milan
 Degree Thesis: "Derivati semisintetici della purpuroomicina e loro attività sui patogeni del tratto vaginale"
- 1990 [Master Degree in Chemistry and Pharmaceutical Technologies](#)
 Faculty of Pharmacy - University of Milan
 Degree Thesis: "Sintesi totale di agonisti muscarinici chirali"
- 1984 [High School Diploma](#)
 Classical high School "Alessandro Manzoni" - Milan

PERSONAL SKILLS

Mother tongue Italian

Other language(s)

SELF-ASSESSMENT

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user Common European Framework of Reference for Languages

Communication skills Good communication skills gained through teaching activities carried out since 1998/1999 in academic courses of graduation in Chemistry and Pharmaceutical Technologies, Pharmacy and Biotechnology (Faculty of Drug Sciences - University of Milan) and with seminars and congress presentations.

Organisational/managerial skills

- Coordination of the scientific activities of a medicinal chemistry group at the Department of Pharmaceutical Sciences of the University of Milan.
- Tutoring and mentoring activity for undergraduate students (Chemistry and Pharmaceutical Technologies, Pharmacy and Biotechnology), PhD students and Post-Docs.
- Participation to local research units in national projects and scientific responsibility of research contracts.
- Scientific cooperation with qualified national and international research groups.

Job-related skills The scientific activity focuses on the study of the ligand-biological target interactions and the discussion of the structure/pharmacological activity relationships. At present, the research topics more in-depth investigated are:

- The activation mechanism of muscarinic acetylcholine receptors through the design and synthesis of novel ligands simultaneously acting at the orthosteric and allosteric recognition sites (bitopic derivatives) of M₁ and M₂ receptor subtypes.
- The activation modes of nicotinic acetylcholine receptors through the design and synthesis of new subtype-selective ligands endowed with agonist, partial agonist or silent agonist pharmacological profiles.
- The design and synthesis of photoswitchable ligands for studying the optical spatio-temporal control of receptor activity.
- The design and synthesis of cold precursors for the preparation of PET radiotracers to investigate biological targets involved in inflammatory and fibrotic processes.

Digital skills

SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Basic user

Levels: Basic user - Independent user - Proficient user Digital competences – Self-assessment grid

Driving licence B

ADDITIONAL INFORMATION

Publications Restricted to the five most relevant

- Allosteric ligands for G protein-coupled receptors: a novel strategy with attractive therapeutic opportunities. *Med. Res. Rev.* **2010**, *30*, 463-549. M. De Amici, C. Dallanoce, U. Holzgrabe, C. Tränkle, K. Mohr.
- The allosteric vestibule of a seven transmembrane helical receptor controls G-protein coupling. *Nat. Commun.* **2012**, *3*:1044. A. Bock, N. Merten, R. Schrage, C. Dallanoce, Julia Bätz, J. Klöckner, J. Schmitz, C. Matera, K. Simon, A. Kebig, L. Peters, A. Müller, J. Schrobang-Ley, C. Tränkle, C. Hoffmann, M. De Amici, U. Holzgrabe, E. Kostenis, K. Mohr.
- Dynamic ligand binding dictates partial agonism at a G protein-coupled receptor. *Nat. Chem. Biol.* **2014**, *10*, 18-20. A. Bock, B. Chirinda, F. Krebs, R. Messerer, J. Bätz, M. Muth, C. Dallanoce, D. Klingenthal, C. Tränkle, C. Hoffmann, M. De Amici, U. Holzgrabe, E. Kostenis, K. Mohr.
- Involvement of $\alpha 7$ nAChR subtype in rat oxaliplatin-induced neuropathy: effects of selective activation. *Neuropharmacology* **2014**, *79*, 37-48. L. Di Cesare Mannelli, A. Pacini, C. Matera, M.

Zanardelli, T. Mello, M. De Amici, C. Dallanoce, C. Ghelardini.

- Identification of $\alpha 7$ nicotinic acetylcholine receptor silent agonists based on the spirocyclic quinuclidine- Δ^2 -isoxazoline scaffold: Synthesis and electrophysiological evaluation. *ChemMedChem* **2017**, *12*, 1335-1348. M. Quadri, C. Matera, A. Silnović, M.C. Pismataro, N.A. Horenstein, C. Stokes, R.L. Papke, C. Dallanoce.

The full list of publications is available on the AIR database of the University.

Scopus – Author ID: 6603118858 <http://orcid.org/0000-0002-7383-1484>

Memberships

- Member of the PhD Committee of the Doctoral Course in Pharmaceutical Sciences at the University of Milan
- Member of the Division of Medicinal Chemistry of the Italian Chemical Society

Personal data

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

April 11, 2019

Signature