

PERSONAL INFORMATION **Fiorella Meneghetti**

PERSONAL STATEMENT **Associate Professor**

WORK EXPERIENCE

2019-present **Associate Professor**  
Department of Pharmaceutical Sciences

2006-2019 **Permanent researcher**  
[Scientific-disciplinary sector CHIM/08](#)

Dipartimento di Scienze Farmaceutiche (DISFARM) dell'Università degli Studi di Milano

▪ The scientific competences concern the study of the biological ligand-target interactions and the discussion of the structure-pharmacological activity relationships. An aspect that has characterized the chemical-pharmaceutical research is represented by the use of structural analysis methodologies. The scientific production focused mainly on the crystallographic investigation of macromolecules and compounds of pharmaceutical interest, in order to obtain structural information useful for the development of new drugs and to understand the fundamental geometrical parameters for receptor recognition of new molecules with promising biological activity.

[Scientific-disciplinary sector CHIM/08](#)

01/10/2002-31/12/2005 **Post-Doctoral Research Associate**

▪ Project title: "Structural investigations of redox proteins engineered for nanobiotechnologies"  
Supervisor Prof.ssa Gabriella Bombieri.

[Sector Scienze Farmaceutiche e Farmacologiche \(Area 10\).](#)

01/10/2001-30/09/2002 **Graduate visitor**

Research activities in the field of crystallography at Istituto di Chimica Farmaceutica e Tossicologica - Università degli Studi di Milano.

▪ Project title: "Structural investigations of molecules of pharmaceutical interest"  
Supervisor Prof.ssa G. Bombieri

[Scientific-disciplinary sector CHIM/08](#)

01/11/1998-31/10/2001 **PhD student**

PhD in Bio-Chemical Sciences (XIV cyclo) at Università degli Studi di Torino. Supervisor Prof.ssa Gabriella Bombieri.

Project title: "Indagini strutturali di macromolecole e di composti di interesse farmaceutico"

[Scientific-disciplinary sector CHIM/08](#)

01/09/1998-31/10/1998 **Graduate visitor**

Research activities at Dipartimento di Processi Chimici dell'Ingegneria - Università degli Studi di Padova. Supervisor Prof.ssa Roberta Bertani.

▪ Project title: "Synthesis of phosphazene materials containing metallic systems".

[Scientific-disciplinary sector CHIM/07](#)

01/06/1998-31/08/1998 **Research fellow**

Fellowship at Laboratorio F.R.A.E. del C.N.R. -Sezione di Legnaro (PD). Supervisor dott. Piero Gleria

▪ Project title : "Synthesis of phosphazene materials containing metallic systems"

[Scientific-disciplinary sector CHIM/07](#)

01/04/1998-30/06/1998 **Graduate visitor**

Research activities at Centro di Chimica e Tecnologia dei Composti Metallorganici degli Elementi di Transizione del C.N.R. di Padova. Supervisor Prof.ssa Roberta Bertani.

▪ Project title: "Synthesis of oxazoline complexes of Pt (II)".

[Scientific-disciplinary sector CHIM/07](#)

EDUCATION

- 28/02/2002 **PhD in Bio-Chemical Sciences**  
 Università degli Studi di Torino
  - Thesis title: "Structural investigations of macromolecules and compounds of pharmaceutical interest"
- 30/11/1998 **Authorization to practice the Pharmacist profession**  
 Università degli Studi di Padova
  - State examination for obtaining the qualification to practice the profession of the Pharmacist
- 30/03/1998 **Master's degree in Medicinal Chemistry and Pharmaceutical Technologies**  
 Università degli Studi di Padova
  - Thesis title: "Chiral oxazoline-complexes of Pt (II)". Supervisor Prof. Rino A. Michelin

TRAINING

- Luglio 2013 Research activity in the field of protein crystallography at University College London - School of Pharmacy. 29-39 Brunswick Square, London WC1N 1AX (supervisor: Prof Gary Parkinson)

PERSONAL SKILLS

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Other languages					
English	good	excellent	good	excellent	excellent
German	intermediate	intermediate	intermediate	intermediate	intermediate

- Organisational/managerial skills
  - Ability to coordinate a research group and specific skills on the design of strategies to study the structure-activity relationships of ligands of different receptor and enzymatic systems within the scientific-disciplinary sector CHIM08, establishing national and international scientific collaborations.

Job-related skills Structural analysis methodologies

Mother tongue Italian

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
intermediate	intermediate	intermediate	intermediate	intermediate

- good skills of office suite tools (word processor, presentation software).
- good skills of crystallographic suite tools

Driving licence B

ADDITIONAL INFORMATION

**Publications**

- Co-author of 81 scientific publications in peer reviewed and SCOPUS indexed international journals, one contribution in conference proceedings published in a journal with ISSN and 67 contributions to national and international congresses. Three other scientific publications are awaiting to be indexed.

- Author ID: ORCID ID: 0000-0002-6511-7360; Scopus Author ID: 7004283439

**Courses**

- From a.y. 2006/2007, institutional teaching activity (over 1000 hours) as aggregate professor was divided into lectures and laboratory exercises within the degree courses in Pharmaceutical Biotechnology, Environmental Toxicology, Pharmaceutical Chemistry and Technology, Pharmacy, Science and Herbal Technologies of the University of Milan.

- From a.y. 2010/2011, didactic activity for professional training courses (Radiopharmaceuticals, School of Specialization in Hospital Pharmacy).

**Projects**

- Scientific responsibility of peer-reviewed research projects:

- 2015-2018 Piano “sostegno alla ricerca” University of Milan - Linea 2 - Project title: “Inhibitors of Salicylate Synthase (Mtbl) from Mycobacterium tuberculosis: a novel strategy to antitubercular drugs”.

- 2017 Fondo per il Finanziamento delle Attività Base di Ricerca - FFABR.

- 2016-2017 Consorzio Milano Ricerche. Project title: “Inhibitors of Salicylate Synthase (Mtbl) from Mycobacterium tuberculosis: a novel strategy to antitubercular drugs”

**Memberships**

- Division of Pharmaceutical Chemistry of the Italian Chemical Society.

- Italian Crystallography Association (Italian Chemical Society). Interdisciplinary Group of Macromolecules.

**PhD school**

Students Tutor of the PhD in Pharmaceutical Sciences (University of Milan)

Member of the teaching committee of the PhD in Pharmaceutical Sciences

**Institutional responsibilities**

Secretary of the degree course in Herbal Sciences and Technologies (University of Milan).

Member of the Commission for the Re-examination of the degree course in Herbal Sciences and Technologies (University of Milan).

Member of the Supervisory Committee for the practical tests of dosing and recognition of drugs within the State Exams for the qualification to practice as a pharmacist.

**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



Milan, 4 ottobre 2019