

PERSONAL INFORMATION

**FRANCESCA MAPELLI**

Department of Food, Environmental and Nutritional Sciences  
 Università degli Studi di Milano  
 francesca.mapelli@unimi.it

CURRENT POSITION

Research Fellow

WORK EXPERIENCE

- From December 2018 - today **Research Fellow (Ricercatore a tempo determinato - lettera B)- Agricultural Microbiology (AGR/16)**  
 Department of Food, Environmental and Nutritional Sciences  
 Università degli Studi di Milano
- November 2016 - December 2018 **Research Fellow (Ricercatore a tempo determinato - lettera A) - Agricultural Microbiology (AGR/16)**  
 Department of Food, Environmental and Nutritional Sciences  
 Università degli Studi di Milano
- January 2012 - October 2016 **Post Doc**  
 Department of Food, Environmental and Nutritional Sciences  
 Università degli Studi di Milano
- January 2009 - December 2011 **PhD student - Agricultural Ecology**  
 Department of Food, Environmental and Nutritional Sciences  
 Università degli Studi di Milano
- July 2006-June 2008 **Post-graduate research contract**  
 Dipartimento di Scienze e Tecnologie Alimentari e Microbiologiche (DiSTAM)  
 Università degli Studi di Milano

EDUCATION AND TRAINING

- 10 February 2012 **PhD - Agricultural Ecology** t  
 Università degli Studi di Milano
- 06 April 2005 **Laurea diploma in Agricultural Biotechnology** t  
 Università degli Studi di Milano

PERSONAL SKILLS

Mother tongue Italian

Other language

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

**Organisational / managerial skills** Excellent organisational and managerial skills.  
 Expertise in European Project Management.  
 Supervisor/Co-supervisor of B. Sc. And M. Sc. Students.  
 Member of organizing committees of scientific meetings/conferences.

OTHER INFORMATION

Publications

Publication list is available through:

- ID ORCID: ORCID Unique Identifier: 0000-0002-2928-6538
- IRIS-AIR database [https://air.unimi.it/cris/rp/rp24061#.XHfCkrgo\\_IU](https://air.unimi.it/cris/rp/rp24061#.XHfCkrgo_IU)
- Scopus Author ID 24773642800

Presentations at conferences and seminars

Author of more than 70 works presented at national and international conferences as oral communications and posters.

Projects

Partner and principal investigator of the UNIMI team

- NATURE - A gnotobiotic-based approach to unravel the role of the plant microbiome and develop synthetic communities increasing plant growth and stress tolerance. Progetto PRIN 2017. Funding approved by MIUR.
- WARFARE - Novel wastewater disinfection treatments to mitigate the spread of antibiotic resistance in agriculture. Funding approved by Fondazione Cariplo.

Principal investigator of the following projects

- NURTURE - Exploiting plant-bacterium interaction in agriculture and bioremediation. Piano Sviluppo UNIMI: Linea 2- Azione A. Ongoing.
- Finanziamento Annuale Individuale delle Attività base di Ricerca (FFABR). Ente finanziatore: MIUR. Ongoing.
- ARTE - Antibiotic Resistance in wastewater treatment. Piano Sviluppo UNIMI: Linea 2- Azione A. Ongoing.
- MAPS - Microbial diversity and Antibiotic resistance in Polluted Soils. Piano Sviluppo UNIMI: Linea 2- Azione A. February 2017- June 2018.

Participation to ongoing International Projects

- MADFORWATER (progetto EU-H2020) “Development and application of integrated technological and management solutions for wastewater treatment and efficient reuse in agriculture tailored to the needs of Mediterranean African Countries”. Co-writer and team member of the UNIMI team. Ongoing.

Reviewer

Reviewer for the journals: Plos One; Frontiers in Microbiology; Science of the Total Environment; The ISME Journal; Research in Microbiology; Applied Microbiology and Biotechnology; Marine Pollution Bulletin; BioMed Research International; Journal of Environmental Management; Annals of Microbiology.

Member of the Review Editorial Board of “Frontiers in Microbiology”, Section “Microbiotechnology, Ecotoxicology and Bioremediation”.

Project Reviewer (Open Programme of the NWO Research Council for Earth and Life Sciences, The Netherlands; African Academy of Sciences (AAS), Kenya; National Science Center Poland (NCN), Poland).

## Honours and awards

- Entitled as Associate Professor of Agricultural Microbiology (March 2017) according to MIUR standard (Abilitazione Scientifica Nazionale, settore concorsuale 07/11 Microbiologia Agraria).
- February 2019. Prize “Best publication award on journal of excellence 2018” (IF > 8), SIMTREA.
- June 2018. Chairperson of the “Session 4B: Constructed wetlands / phytoremediation of organic contaminants”, EBC-VII Conference, Chania, Grecia (25-28 Giugno 2018).
- March 2018. Prize “Best publication award on journal of excellence 2017” (IF > 8), SIMTREA.
- September 2017. Journal Cover. From the article Mapelli et al. “Biotechnologies for Marine Oil Spill Cleanup: Indissoluble Ties with Microorganisms”, Special Issue “Environmental Biotechnology”. Trends in Biotechnology (vol 35, n° 9, ISSN 0167-7799).
- January 2016. Prize “Best publication award of young SIMTREA fellow 2015”, SIMTREA.
- October 2015. “FEMS young scientist meeting grant”, FEMS. Grant for the participation to the 3rd International Conference on Microbial Diversity “The challenge of complexity”. Perugia, Italy 27-29 October 2015.
- September 2015. “Stage 2015 SIMTREA”. Award by SIMTREA. The grant (1000,00 €) gave me the possibility to spend 1-month stage in the lab of a SIMTREA partner (Prof. Carlo Viti, Università di Firenze), working on the Biolog platform.
- September 2013. “FEMS young scientist meeting grant”, FEMS. Grant for the participation to the EMBO Conference- Aquatic Microbial Ecology SAME13. Stresa, Italia 8-13 September 2013.
- June 2013. Selected by the EU-FP7 project MG4U, “Marine genomics for users” for the participation to the workshop “Unlocking the Potential of Genomics for Marine Monitoring and Biodiversity Mapping: from Concept to Realisation”. Dublin, Ireland.
- July 2010. Selected by the EU-FP7 project CAREX, “Coordination Action for Research Activities on life in Extreme Environments” for the participation to the “Life in Extreme Environments CAREX Summer School”, Pieve Tesino (Italy).
- July 2010. Best oral presentation at the “Life in Extreme Environments CAREX Summer School”, Pieve Tesino (Italy).
- June 2010. Selected by the EU-FP7 project CAREX, “Coordination Action for Research Activities on life in Extreme Environments” for the participation to the “CAREX Icelandic Field Trip”.
- July 2008. “ESF EuroDEEP grant for Short Term visit”. Award by the European Science Foundation (ESF) to perform a research stage in the laboratory of Prof. Gert de Lange, Utrecht University (The Netherlands).
- May 2008. Selected by the European Science Foundation for the participation to the workshop “Microbial Metagenomics”, organized in the ambit of the project “Ecosystem functioning and biodiversity in the deep sea” (Giardini Naxos, Italy).

## Memberships

Società Italiana di Microbiologia Agraria, Alimentare e Ambientale (SIMTREA)

## Courses

- From 2017. Teacher of the course “Microbial biotechnology applied to crop production” in the M. Sc. Programme “Crops and Plant Sciences”. Università degli Studi di Milano.

## 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.

 Date  
 04 April 2019

Signature

