



● **ABOUT ME**

Wastewater treatment;
Anaerobic digestion;
Bio-electrochemical systems (BES);
Biofuels (i.e. Bio-H₂, -CH₄) production.

● **EDUCATION AND TRAINING**

01/01/2022 – CURRENT Rome, Italy

PHD IN CHEMICAL PROCESSES FOR INDUSTRY AND ENVIRONMENT, "INNOVATIVE BIOELECTROCHEMICAL PROCESSES FOR BIOGAS UPGRADING TO BIOMETHANE"
Sapienza University of Rome

Website https://phd.uniroma1.it/web/CLARA-MARANDOLA_nP1551067_.aspx

03/04/2023 – 30/10/2023 Toulouse , France

PHD VISITING Laboratoire de génie chimique - LGC

Website <https://lgc.cnrs.fr/en/>

01/10/2018 – 06/06/2021 Rome, Italy

MASTER DEGREE, INDUSTRIAL BIOTECHNOLOGY Tor Vergata University of Rome

Website <https://www.biotechuniroma2.it/>

01/09/2019 – 30/08/2020 Groningen , Netherlands

MASTER INTERNSHIP, HIGH-PRESSURE ANAEROBIC DIGESTION FOR BIOGAS UPGRADING University of Groningen

Website <https://www.rug.nl/?lang=en>

2019 Rome

BACHELOR DEGREE, BIOTECHNOLOGY Tor Vergata University of Rome

Website <https://scienze.uniroma2.it/2022/biotecnologie/>

● **LANGUAGE SKILLS**

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING	WRITING
	Listening	Reading	Spoken production	Spoken interaction
ENGLISH	B2	B2	B2	B2
FRENCH	A2	A1	A1	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

• CERTIFICATIONS

2021

Professional Biologist

License to lawfully engage in professional practice (Biologist).

• PUBLICATIONS

2024

[**Harvesting Biofuels with Microbial Electrochemical Technologies \(METs\): State of the Art and Future Challenges**](#)

2024

[**Renewable gases production coupled to synthetic wastewater treatment through a microbial electrolysis cell**](#)

2024

[**Enhancing energy efficiency and H₂ production in lab-scale dual chamber microbial electrolysis cells: A focus on catholyte composition and voltage losses**](#)

2020

[**Comparison of the microbial communities in anaerobic digesters treating high alkalinity synthetic wastewater at atmospheric and high-pressure \(11 bar\)**](#)

• CONFERENCES AND SEMINARS

04/07/2024 – 05/07/2024 Naples (NA), Italy

[**PHOENIX \(CA19123\) FINAL CONFERENCE**](#)

Emerging applications in the field of bio-electrochemistry, monitoring, protection and rehabilitation of the environment.

Poster contribution.

Link <https://www.cost-phoenix.eu/2024/06/04/phoenix-final-conference/>

24/06/2024 – 28/06/2024 Sapienza University of Rome, Rome, Italy

[**SYNC2024**](#)

Second Symposium for YouNg Chemists.

Oral presentation contribution.

Link <https://sync2024rome.org/>

29/02/2024 – 29/02/2024 Rome (RM), Italy

PHOENIX MID-TERM CONFERENCE ON BIO-ELETROCHEMICAL SYSTEMS (BES)

Link <https://www.cost-phoenix.eu/2024/02/27/phoenix-mid-term-conference-on-bioelectrochemical-systems-bes/>

06/09/2023 – 08/09/2023 Wageningen, The Netherlands

EU-ISMET 2023

6th European Meeting of the International Society for Microbial Electrochemistry and Technology (EU-ISMET).

Oral presentation contribution.

Link <https://www.wur.nl/en/research-results/chair-groups/agrotechnology-and-food-sciences/environmental-technology/show/6th-european-meeting-of-the-international-society-for-microbial-electrochemistry-and-technology.htm>

19/09/2022 – 23/09/2022 Chania, Crete, Greece

ISMET8 Global Conference

International Society for Microbial Electrochemistry and Technology - GLOBAL CONFERENCE.

Poster contribution.

Link <https://www.ismet8.org/en/home>

03/07/2022 – 09/07/2022 Ischia (NA), Italy

GRICU PhD School 2022

"Centralità dell' Ingegneria Chimica in un Mondo che cambia"

Link <https://www.aidic.it/gricu2022/>

20/06/2022 – 23/06/2022 Sapienza University of Rome, Rome, Italy

SYNC2022

First Symposium for YouNg Chemists: Innovation and Sustainability.

Poster contribution.

Link <https://grupposymposia.it/portfolio-items/sync-2022/?lang=en>

● PROJECTS

07/09/2022 – 14/09/2022

Phoenix CA19123 - Short-Term Scientific Mission (STSM)

LEQUIA, Universitat de Girona, Facultat de Ciències; Girona, Spain

Link <https://www.cost.eu/actions/CA19123/>

● DRIVING LICENCE

Driving Licence: B