

## Emanuela Drago

Fixed-term Research RTDA

### EDUCATION AND TRAINING

2019-2022

**PhD in Chemical, Materials, and Process Engineering**

Development of biomaterials for active food packaging using green technologies.

University of Genoa – Polytechnic School

2015-2018

**Master's degree in Chemical and Process Engineering**

Implementation of a fluid dynamics model for the study of the spray drying process.

University of Genoa – Polytechnic School

2011-2015

**Bachelor's Degree in Chemical and Process Engineering**

Study of the production process of fermented milk and the effect of probiotics on health.

University of Genoa – Polytechnic School

2006-2011

**High School Diploma**

Andrea D'Oria Classical High School

### PROFESSIONAL HISTORY

2023-2025

**RTDA in ICHI/02 – Chemical Plants**

Agritech Project – PNRR

University of Genoa – Polytechnic School

2024

**Visiting Researcher at Imperial College London**

Development of biodegradable and flexible sensors to monitor gases in packaged food and agricultural products.

Imperial College London

2022-2023

**Post-Doc in ING-IND/25 – Chemical Plants**

Study of systemic resilience models for managing emerging risks in the context of a pandemic.

University of Genoa – Polytechnic School

## ACADEMIC APPOINTMENTS

2025

**Member of the scientific committee for the organization of the Olioliva Conference - Frantoio delle idee.**

Organized in collaboration with the Chamber of Commerce of the Ligurian Riviera on May 23 and 24, 2025, in Imperia.

University of Genoa and Chamber of Commerce of the Ligurian Riviera

2024-2025

**Reference professor and tutor for the degree program in Mediterranean Agri-Food Sciences and Cultures - L/GASTR.**

University of Genoa – Polytechnic School

2024-2025

**Professor for the course Elements of Industrial Chemical Plant Engineering, Bachelor's Degree (L-P03) in Industrial Technologies.**

University of Genoa – Polytechnic School

2023-2025

**Appointed member of the Advisory Committee of the Department of Global Health, Bioethics, and Technology Research of the International Chair of Bioethics ICB.**

University of Genoa – Polytechnic School

## EXPERIENCE

SCIENTIFIC RESPONSIBILITY FOR RESEARCH PROJECTS ACCEPTED FOR FUNDING ON THE BASIS OF COMPETITIVE CALLS INVOLVING PEER REVIEW

2024-2026 Institutional coordinator with European and African partners and Head of Development for Task 2.2 for the NEEMA Project – Capacity Building in Higher Education through the development of a Food and Nutritional Resilience curricula adapter to the European Green Deal, Farm to Fork Strategy and to the needs of West Africa.

Erasmus-LS Project funded by the European Commission. Duration: 36 months.

PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES

2024 ESG Challenge IREN 2024

Award for the best PhD thesis on sustainability and ESG challenges.

Iren