

CURRICULUM VITAE

Name and surname: **DUMITRAȘCU LOREDANA**
Date and place of birth: July the 19th 1982, Romania
Address: Domneasca St. 111, E/304, cod 800201, Galati
E-mail: loredana.dumitrascu@ugal.ro



EDUCATION

2014-2015 Postdoctoral associate „Dunarea de Jos” University of Galati POSDRU159/1.5/S/132397.
“*Excellence in research through doctoral and postdoctoral grants- ExcelDoc*”

2008-2012: PhD in Industrial Engineering- Food Science, „Dunarea de Jos” University of Galati
<http://www.arthra.ugal.ro/handle/123456789/2799>

2006-2008: MD in Food Control and Expertise, Faculty of Food Science and Engineering, „Dunarea de Jos” University of Galati;

2001-2006 BS in Food Control and Expertise, Faculty of Food Science and Engineering, „Dunarea de Jos” University of Galati;

PROFESSIONAL EXPERIENCE

Since 2022 – Associate professor, Faculty of Food Science and Engineering, „Dunarea de Jos” University of Galati;

2015-2022 - Lecturer, Faculty of Food Science and Engineering, „Dunarea de Jos” University of Galati;

Since 2019 - The management representative of a quality system – Laboratory of physico-chemical and microbiological analysis – LAFCMA according to ISO 17025:2018, Faculty of Food Science and Engineering, „Dunarea de Jos” University of Galati;

2019 - Expert trainer - Food safety manager in the project entitled "iManager and iEntrepreneurs. Increasing the knowledge capital through the innovation of management tools", Project code: POCU/227/3/8/118372;

2011-2014 - Trainer ISO 9001:2008, ISO 2200:2005 certifications from TUV Cert;

2008-2015 - Teaching Assistant, Faculty of Food Science and Engineering, „Dunarea de Jos” University of Galati;

2006-2008 - Quality Engineer at SC.ApogeuSCom SRL, Brăila.

RESEARCH INTERESTS

- Kinetic approach of thermal inactivation of different proteins and microorganisms;
- Insights into the structure of proteins and their interaction with biological active compounds using fluorescence spectroscopy;
- Encapsulation of biological active compounds using protein matrices;
- Food safety;
- Statistical analysis

INTERNATIONAL EXPERIENCE

Nov. 2017 – Minitab essentials; Statistical Quality Analysis, Factorial Designs – Coventry, UK;

Oct 2011 - Practical training at Agricultural University of Athens, Department of Food Science & Technology Dairy Laboratory, Greece;

Oct 2010 - III Training school on bioencapsulation, Nantes, France;

March 2009 – International BioVision.Nxt. Fellowship Program, France, Lyon.

EXPERIENCE IN PROJECTS MANAGEMENT

2018-2020 - PN-III-P1-1.1-PD-0950 - Development of new functional matrices with desired functionality in food systems (www.fundeliver.ugal.ro).

NATIONAL RESEARCH GRANTS – MEMBER

2021-2023 - 159 PCE/16.02.202 Novel transition from probiotics to metabiotics - New emerging concepts for food functionalization as a health promoting strategy (www.biotics.ugal.ro);

2020-2023 – POC 326/390002/ 30.10.2020 Sistem inovativ de valorificare a materiei prime vegetale

2015-2017 PNII-RU-TE-2014-4-0115 Functional composites based on whey protein and vegetable extracts for food applications;

2008-2011 PN II-PCE-IDEI, 517/2009, Analytical systems for the traceability of Romanian milk and dairy products in order to align to the European food safety requirements;

2009-2011 PN II-PCE-IDEI, 52-132/2008, Strategies to reduce the mycotoxins contamination in order to obtain bakery products rich in fibers.

INTERNATIONAL RESEARCH GRANTS – MEMBER

2017-2022 - **HORIZON 2020-EU.3.2.2.2.ID:727580** Safer food through changed consumer behavior: Effective tools and products, communication strategies, education and a food safety policy reducing health burden from foodborne illnesses (www.safeconsume.eu);

Other information

- 44 articles in ISI indexed journals, out of which 42% - as main author, 9% - as last author, 8% - as corresponding author;
- 4 articles in journal indexed in international data bases;
- 2 international book chapters
- 1 book