Iolanda-Veronica Ganea

Date of birth: 29/08/1992

Nationality: Romanian

Gender: Female

CONTACT

Cluj-Napoca, Romania **(Work)**

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europass

WORK EXPERIENCE

National Institute for R&D of Isotopic and Molecular Technologies Cluj-Napoca, Romania

Recognised Researcher (R2) - Biotechnical Engineer
01/2026 – Current

Academia.Edu Cluj-Napoca, Romania

Peer-Review Assistant
12/2024 – Current

MDPI Romania Cluj-Napoca, Romania

English Assessor
04/2024 – 09/2024

MDPI Romania Cluj-Napoca, Romania

Section Managing Editor
04/2021 – 05/2023

MDPI Romania Cluj-Napoca, Romania

Assistant Editor
10/2020 – 01/2025

Romanian Environmental Association - 1998 Bucuresti, Romania

Member
01/2020 – Current

National Institute for R&D of Isotopic and Molecular Technologies Cluj--Napoca, Romania

Scientific Researcher - Biotechnical Engineer
03/2019 – 12/2025

National Institute for R&D of Isotopic and Molecular Technologies Cluj-Napoca, Romania

Assistant Researcher - Biotechnical Engineer
11/2016 – 03/2019

Students' Academic Performance College Babes-Bolyai University Cluj-Napoca, Romania

Member
08/2016 – 10/2017
Institute of Advanced Studies in Science and Technology Babeș-Bolyai University (STAR-UBB) - The Virtual College of Excellence "Next Generation"

Operation Wallacea & ADEPT Foundation

Guide & Translator
06/2016 – 08/2016

EnviroTeam Association Cluj-Napoca, Romania

Assistant Manager
01/2015 – 07/2018

SC.ICPE.SA Bistrita, Romania

Wastewater Treatment Engineer (Internship)
05/2015 – 06/2016

SC.VARD a Fincantieri.SA Braila, Romania

Environmental Protection Inspector (Internship)
08/2014 – 09/2014

National Administration "Romanian Waters" Braila, Romania

Water Management & Emergency Situations Expert (Internship)
07/2014 – 08/2014

EDUCATION AND TRAINING

10/2018 – 09/2025 Cluj-Napoca, Romania

PhD in Environmental Science Babeș - Bolyai University, Doctoral School of Environmental Science

PhD Thesis Title: "The Hybrid Solution: Efficient Wastewater Remediation With Innovative Sustainable Adsorbents".

2019 – 2021 Cluj-Napoca, Romania

MSc - Drugs and Environmental Toxicology "Iuliu Hatieganu" University of Medicine and Pharmacy - Faculty of Pharmacy

MSc Thesis Title: "Responsiveness Assessment of Cell Cultures Exposed to Polymers and Their Corresponding Magnetic Nanostructures"

2019 – 2019 Baton Rouge (Louisiana), United States

Scientific Researcher - Research Internship Nanomaterials with applications in environmental protection and agriculture Louisiana State University, Department of Biological and Agricultural Engineering

2016 – 2018 Cluj-Napoca, Romania

MSc - Risk Assessment and Environment Safety Babeș - Bolyai University, Faculty of Environmental Science and Engineering

MSc Thesis Title: "Reducing exposure to heavy metals from contaminated water by applying new synthesized materials based on poly(benzofurane-*co*-arylacetic acid)".

07/2016 – 09/2016 Arcalia, Romania

Certificate of Participation - European Civil Protection Mechanism - National and Regional Disaster Management Systems International Summer School on Disaster Management

02/2016 – 07/2016 Sighisoara, Romania

YouthPass - Mobility of Youth Workers Higher Youths and Fundatia ADEPT Transilvania

The "PECT (Protecting the Environment through Conservation Techniques) for Future Generations" learning mobility project

09/2015 – 11/2015 Praga, Czechia

YouthPass - Mobility of Youth Workers Youth and Environment Europe & Asociatia Ecouri Verzi

"How to be a green entrepreneur" learning mobility project

2012 – 2018 Cluj-Napoca, Romania

Teachers Training - Ist and IInd Levels in Pedagogy Department for Teacher Training (Babes-Bolyai University)

Thesis Title: "Education level regarding natural disasters among students from VIIIth-XIIth grade in Romania"

2012 – 2016 Cluj-Napoca, Romania

BSc - Biotechnical and Ecological Systems Engineering Babeș - Bolyai University, Faculty of Environmental Science and Engineering

BSc Thesis Title: "The environmental impact in Lacu-Sarat area, Braila County, in the last 200 years: A Multidisciplinary Analysis"

2008 – 2012 Braila, Romania

Highschool Diploma - Humanities and Social Sciences Specialist "Gh.M.Murgoci" National College

LANGUAGE SKILLS

MOTHER TONGUE(S): Romanian

Other language(s):

English

Listening C1
Spoken production C1
Reading C1
Spoken interaction C1
Writing C1

French

Listening B1
Spoken production A2
Reading B1
Spoken interaction A2
Writing B1

Spanish

Listening A1
Spoken production A1
Reading A1
Spoken interaction A1
Writing A1

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

SKILLS

European Computer Driving License (ECDL - Complete) | Microsoft Office Suite (Advanced) | Layout Skills | Editing and Proofreading | LaTeX skills | Project Management Tools - JIRA , Redmine | basic knowledge of Origin Lab, PAST,

Effects, RiskCurves, ChemDraw, Spectra Manager | advanced knowledge of bibliometric&systematic reviews (VOSviewer,Flourish Studio,Microsoft Copilot) | basic statistics knowledge (SPSS, Past, etc.) | basic photo & video editing skills (Adobe Lightroom, Adobe Photoshop, Canva, etc.) | basic knowledge of AI & LLM tools (ChatGPT, Claude, Midjourney, etc.) | basic knowledge of Python and Anaconda | bibliographic reference management skills (Mendeley, EndNote)

JOB SKILLS

Job skills

- multitasking and task prioritization skills
- close attention to details
- fast manuscript processing skills
- projects writing skills
- time management
- decision-making
- creative problem-solving
- professionalism
- leadership skills
- initiative
- flexibility and adaptability to intercultural environments

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- good communication skills gained through involvement in various projects and scientific competitions
- team spirit
- intercultural skills: I have studied and collaborated with a large variety of ethnic minorities (good ability to adapt to multicultural environments)

ORGANISATIONAL SKILLS

Organisational skills

- leadership (vice president of the "Vox Historiae" journal redaction committee during 2008-2012)
- good organisational and team-leading skills gained as responsible for the coordination of different activities/ projects/events