

PERSONAL INFORMATION

Daniela Ghimpeteanu



PSCR / QA-QC Manager / Internal auditor / Project manager /
Responsible for Quality, Environmental, Occupational Health and
Safety

WORK EXPERIENCE

Aug 2023 - Present

Product Safety and Conformity Representative

Harman Development Center Romania

- PSCR contributes, develops and sets priorities for eliminating or avoiding product safety-relevant deficiencies in the product development phase (error prevention) based on customer and legal requirements.
- Participates in design / process FMEA's on safety-relevant scopes (Product Safety).
- Ensures validation of product safety relevant requirements together with the System Test and Validation group.
- Reviews of "lessons learned" checklists for qualified verification of constructions and processes under aspects of product safety.
- The PSCR also collaborates with the plant leader, head of operational quality assurance and head of development quality to ensure the product requirements are met.

Nov 2020- Aug 2023

Quality Assurance Manager

Promateris SA

- Responsible for maintaining the certification of the integrated management system (quality, environment, health and safety, product safety), in accordance with the requirements of the standards ISO 9001: 2015, 14001: 2015, 45001: 2018, FSSC 22000; IFS, Smeta 4-Pillar;
- Manage and monitor the implementation of the organization's system documentation;
- Informs the management about the occurrence of problems related to quality, environmental protection, health and safety and product safety;
- Analyses the product, process and system nonconformities, the complaints from the customers (establishing the root cause), establishing the corrective and preventive actions, implementing, and verifying their effectiveness;
- Reports the performance of the quality management system to the company management and proposes improvement measures.

Quality Control Manager

- Coordinates the Quality Control Team and the Quality Control Laboratory;
- Creates and follows the department's documentation/procedures/reports;
- Successful resolution of customer complaints to ensure customer satisfaction;
- Responsible for the application of measures to prevent the occurrence of any non-conformities related to products, processes and the quality system;
- Responsibilities for environmental protection, emergency situations, safety and health at work.
- Good knowledge of chemical production processes and safety instructions related to production.
- Good knowledge of physical and mechanical laboratory tests, laboratory equipment and related techniques, as well as safety instructions related to laboratory activity.

Dec 2018 – Dec 2022

Assistant Researcher

Politehnica University of Bucharest

- Worked within a team of research assistants and coordinating professors to deliver experiments for the research projects.
- Making laboratory book reports, good laboratory practice and experimental results. All of these were marked according to predefined marking criteria established beforehand.
- Participating and presenting experiments at presentations within the department and conferences.

EDUCATION AND TRAINING

2018 - Present

PhD Student

Politehnica University of Bucharest, Faculty of Applied Chemistry and Materials Science, Bucharest (Romania)

- Intensification of physico-chemical processes with the help of microwaves and ultrasounds;

2016 - 2018

Master`s Degree

Politehnica University of Bucharest, Faculty of Applied Chemistry and Materials Science, Bucharest (Romania)

- Biotechnology

2012 - 2016

Bachelor of Engineering

Politehnica University of Bucharest, Faculty of Applied Chemistry and Materials Science, Bucharest (Romania)

- Chemical Engineering

PERSONAL SKILLS

Mother tongue(s)

Romanian

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | B2 | B2 | B2 | B2 | B2 |
| French | A2 | A2 | A2 | A2 | A2 |

Communication skills

- Good communication skills gained through my experience as a speaker in ARDOR - Romanian Association for Debates, Oratory and Rhetoric.

Organisational / managerial skills

- I am a methodical, rigorous person, with a desire for performance.

Job-related skills

- Good for teamwork and independent gained through my experience.

Digital skills

- Good command of Office Suite, AutoCAD, Mathcad, Origin, ERP;

Driving licence

- B

ADDITIONAL INFORMATION

- Publications**
- Calinescu, I., Vinatoru, M., Ghimpețeanu, D., Lavric, V., Mason, T.J., A new reactor for process intensification involving the simultaneous application of adjustable ultrasound and microwave radiation, *Ultrasonics Sonochemistry*, 2021, 77, p. 105701, <https://doi.org/10.1016/j.ultsonch.2021.105701>, IF = 9.336;
 - Ghimpețeanu, D., Lavric, V., Calinescu, I., Vinatoru, M., Patrascu, M., Efficiency of microwave applicators: rezonant, multimod and monomod, *U.P.B. Sci. Bull., Series B*, Vol. 83, Iss. 2, 2021;
 - Vasile, S., Calinescu, I., Vinatoru, M., Popa, I., Ghimpețeanu, D., Mason, T.J., The efficient extraction of β -carotene from sea buckthorn berries with FAEE using a combination ultrasounds and microwaves, *Agronomy*, 2024, 14, (3), 416; <https://doi.org/10.3390/agronomy14030416>; IF 3,95;
 - Calinescu, I., Ghimpețeanu, D., Vinatoru, M., Lavric, V., Ignat, N., Installation for the combined use of ultrasound and microwaves in order to intensify physical-chemical processes, RO134747A0 (51) B01J 19/10, B01J 19/12, publicat in BOPI nr. 2/2021
- Conferences**
- Ghimpețeanu, D., Lavric, V., Calinescu I., Patrascu, M., Calorimetric determination of microwave energy absorption in - resonant or multimod applicators in a continuous-flow reactor, 21st Romanian International Conference on Chemistry and Chemical Engineering, 4-7 September 2019, Constanța, Romania.
 - Ghimpețeanu, D., Lavric, V., Calinescu I., Patrascu, M., Intensification of physico-chemical processes using microwaves by calorimetric determination of microwave energy absorption in resonant or multimodal applicators in a continuous flow reactor, Chemistry Conference for Young Scientists (Chemcys 2020), 19-21.02.2020, Blankenberge, Belgia.
 - Ghimpețeanu, D., Calinescu, I., Vinatoru, M., Temperature measurement in the ultrasonic bath, 4th International Caparica Conference on Ultrasonic based Applications: from analysis to synthesis, 20-23 July 2020, Caparica, Portugal.
 - Ghimpețeanu, D., Lavric, V., Calinescu, I., Vinatoru, M., The effect of the position and shape of the reaction vessel on the transfer of ultrasonic energy from the coupling fluid to the reaction mixture, *Materials, Methods &, Technologies*, 14-26 August 2020 in Burgas, Bulgaria.
 - Training in Open Science – Sapienza University of Rome
- Courses**
- Product Safety and Conformity Reprezentative, VDA QMC;
 - Complaint handling through the 8D, A3 or PDCA methodologies;
 - Energy efficiency in an unpredictable economy;
 - IFS PACSecure V2 industry training;
 - Auditor BRCGS / HACCP / ISO 22000 / FSSC 22000;
 - Quality, Environmental, Occupational Health and Safety (ISO 9001, 14001, 45001);
 - Quality and Development by Design (QDbD) - Dr. Andrei A. Zlota
 - Project manager - Avangarde Business Academy
 - Occupational Health and Safety Inspector - Avangarde Business Academy.