

Curriculum Vitae

Personal information

Name:	Sandu Andreea – Isabela
Date and place of birth	9.05.1993 Săveni, Botoșani, România
Adress:	Grigore Ghica Voda Alley, No. 41A, Iasi, Romania
Gender:	female
Nationality:	Romanian
Phone number:	
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Maternal Language:	Romanian
Foreign language:	English (B2)

Studies

23/05/2019 – 24/05/2019	<ul style="list-style-type: none">• INTERA-3 Summer School: “Smart nanoparticles for targeted delivery of bioactive compounds: preparation, characterization and applications”, Institute of Cellular Biology and Pathology “N. Simionescu” București, România
03/2018 – 11/2018	<ul style="list-style-type: none">• Voluntary internship - Intelcentru, "Petru Poni" Institute of Macromolecular Chemistry, Iași, Romania
2015 – 2017	<ul style="list-style-type: none">• Master's studies - "Alexandru Ioan Cuza" University of Iași, Faculty of Biology, Iași, România, Field of study Biology, specialization Microbial and Cellular Biotechnologies (Dissertation Coordinator: Ștefan Marius)
07/2016 – 08/2016	<ul style="list-style-type: none">• Summer school a+ - Antibiotice S.A., Iași, România
07.2015 – 10.2015	<ul style="list-style-type: none">• Voluntary internship - "MISANO" medical analysis laboratory, Săveni, România
2012 – 2015	<ul style="list-style-type: none">• Bachelor studies - "Alexandru Ioan Cuza" University of Iasi, Faculty of Biology, Iasi, Romania, Biology Field, Biochemistry specialization (Coordinator: Ciornea Elena)
07.2013 – 09.2013	<ul style="list-style-type: none">• Voluntary internship - "MISANO" medical analysis laboratory, Săveni, România

Involvement in projects (director or member)

01/2020 – 12/2020	Technician - Corthotec project, carried out within the Intelcentru, "Petru Poni" Institute of Macromolecular Chemistry, Iași, România
03/2021 – 12/2022	Technician in the project "Ecological nanomaterials based on chitosan for applications of contemporary interest", acronym ECO-MAT, PN-III-P4-ID-PCE-2020-2717, carried out at the "Petru Poni" Institute of Macromolecular Chemistry, Iași, România
11/2022 – prezent	Technician in the project "Innovative, bioactive multifunctional topical formulations for the management of malignant wounds", acronym ARGOS, PN-III-P2-2.1-PED-2021-2193, carried out at the "Petru Poni" Institute of Macromolecular Chemistry, Iași, România

Scientific Domains

- Cell biology, especially *in vitro* cytotoxicity tests for potential drugs and biomaterials.

Personal Skills

- capacity for self-organization and punctuality
- the ability to work in a team
- attitude of critical analysis and curiosity
- positive attitude and observation spirit

Skills related to the research activity

- knowledge of cellular and molecular biology
- knowledge of aseptic technique
- knowledge of equipment use: hood for cell cultures, incubator for cell cultures, microplate reader, optical microscope, fluorescence microscope, autoclaves, centrifuges and ultracentrifuges

Digital skills

- average Windows operating level, Microsoft Office, GraphPad, ImageJ, MetaXpress, OMEGA Analysis

Scientific Contribution

- 11 scientific papers published in ISI rated journals
- 2 posters presented at national and international scientific events

Scientific Vizibility (Hirsh, Citations, etc.)

- H-index: 6 (according to ISI Web of Science, January 2023)
- Total number of citations, without self-citations: 55 (according to ISI Web of Science, January 2023)