


PERSONAL INFORMATION **Florentina-Miruna POPA**
 popamiruna1@gmail.com

Sex Female | Nationality Romanian

WORK EXPERIENCE

 (2021 -2024) **Assistant professor**

„Lucian Blaga” University of Sibiu

- Biochemistry
- Toxicology
- Enzymology
- Immunology

 (2019- 2020) **Biologist**

Bioclinica, Sibiu

- Program used to store analysis information was BioSQL
- Operation of biochemistry, immunology, hematology and bacteriology analyses
- Clinical chemistry and immunochemistry by Cobas Integra
- Tumoral markers by Cobas E411
- AVL Electrolyte Analyzer (Na, Ca, K) 9180 Roche
- Cobas U 411 Urine analyzer
- Enzyme analysis, specific protein, calcium, glucose, magnesium, iron by Cobas Integra 400 plus

EDUCATION AND TRAINING

 (2020 - 2023) **PhD degree (industrial engineering)**

„Lucian Blaga” University of Sibiu

- Research on macrofungi bioactive compounds with application in industrial food technology
- ISCED 8

 (2017 - 2019) **Master degree (applied biology)**

„Lucian Blaga” University of Sibiu

- Research on invasive plants
- ISCED 7

 (2014 - 2017) **Bachelor degree (biology)**

„Lucian Blaga” University of Sibiu

- Research on heavy metal elements in macrofungi
- ISCED 6

 (2019 - 2020) **Pedagogy (compulsory and university)**

„Lucian Blaga” University of Sibiu

- ISCED 5

 (14.01.2016 - 30.06.2016) **Erasmus +**

University of Burgundy, Dijon, France

- Microbiology
- Ecology
- Macroevolution
- Biochemistry
- Genetics
- ISCED 6

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	B1	B1	B1	B1	B1
English	B2	B2	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2: Proficient user
 Common European Framework of Reference for Languages

Communication skills

- Representative student in „Lucian Blaga” University of Sibiu Senate (2015-2020)

Organisational / managerial skills

- Member in My Transylvania Association

Job-related skills

- Foraging biologist guide in Transylvania
- Ski monitor (accredited course)

Computer skills

- Good command of Microsoft Office™ tools

Other skills

- Painting
- Photography (2 accredited courses from s.c. image art s.r.l.)

Driving licence

- A, B

ADDITIONAL INFORMATION

Publications
 Presentations
 Projects
 Conferences
 Seminars
 Honours and awards
 Memberships
 References

Popa, M.F., Cocîrlea, M. D., Miclăuș, S., & Oancea, S. (2022). The Influence Of Microwave Exposure Of *Boletus* Mushroom-Solvent Mixtures On The Extractability Of Phenolics And Antioxidant Activity. *Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry*, 23(3), 243-254. <https://pubs.ub.ro/?pg=revues&rev=csc6&num=202203&vol=3&aid=5474> impact factor: 0,08

Popa, M., Tăușan, I., Drăghici, O., Soare, A., & Oancea, S. (2022). Influence of Convective and Vacuum-Type Drying on Quality, Microstructural, Antioxidant and Thermal Properties of Pretreated *Boletus edulis* Mushrooms. *Molecules*, 27(13), 4063. <https://doi.org/10.3390/molecules27134063> Impact factor: 4,927

Oancea, S., **Popa, M.**, Socaci, A. S. & Dulf F.V. (2023). Comparative Study of Raw and Dehydrated *Boletus edulis* Mushrooms by Hot Air and Centrifugal Vacuum Processes: Functional Properties and Fatty Acid and Aroma Profiles. *Applied Sciences-Basel*, 13(6), 3630. <https://doi.org/10.3390/app13063630> Impact factor: 4,5

Popa, F.M., & Oancea, S. (2020). An overview on edible mushrooms with health benefits and applications in the food industry. Simpozionul Național „Agricultura și implicațiile ei în alimentația și sănătatea omului”, 08 octombrie 2020, publicată în revista indexată în ISI Master Journal List *Acta Musei Brukenthal*, 15(3), 525-536. <https://www.brukenthalmuseum.ro/pdf/BAM/BAM%20XV3.pdf>

Popa, M. & Oancea, S. (2020). Studies On Bioactive Compounds Of Mushrooms And Their Potential Antiviral Effects Against Covid-19, 44th Conference For Students Of Agriculture And Veterinary Medicine With International Participation, 15 December 2020, At: University Of Novi Sad, Serbia

Popa, M., Maria, G., Danci, O., Banciu, C., & Oancea, S. (2021). Evaluation Of Relevant Mineral Content Of Medicinal Wild-Grown Mushroom *Ganoderma Lucidum* From Different Romanian Areas, 45th Conference For Students Of Agriculture And Veterinary Medicine With International Participation, 18 November 2021, At: University Of Novi Sad, Serbia

Oancea, S., **Popa, F. M.**, & Răcuciu, M. (2021). Effects of non-thermal postharvest irradiation of dried mushrooms on their antioxidant content and activity. *Romanian Reports in Physics*, 73, 712. <https://rrp.nipne.ro/2021/AN73712.pdf> Impact factor: 0,51