



Curriculum vitae Europass



Personal information

First name(s) / Surname(s) **Mitulețu Mihai**
Adress
Mobile
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E-mail mihai.mituletu@umft.ro
Nationality romanian
Date of birth
Gender M

Work experience

Dates 2020-present day
Occupation or position held Lecturer
Main activities and responsibilities • I coordinate practical laboratory activities in the discipline of Cellular and Molecular Biology and teach the course in the same discipline at the the following specializations: AMG (General Medical Assistance) Timisoara, MD (Dentistry) and MG (General Medicine). Student volunteer program coordinator (VADA) and student scientific circle coordinator. I coordinate undergraduate work for students of MG (General Medicine) and Pharmacy.
Name and adress of employer Victor Babes University of Medicine and Pharmacy Timisoara, Faculty of Medicine, Eftimie Murgu Square no. 2, Timisoara
Type of business or sector Higher Education
Dates 2015-2020
Occupation or position held Assistant professor
Main activities and responsibilities • I coordinate practical laboratory activities in the discipline of Cellular and Molecular Biology and teach the course in the same discipline at the AMG (General Medical Assistance) section in Lugoj. Student volunteer program coordinator (VADA) and student scientific circle coordinator.
Name and adress of employer Victor Babes University of Medicine and Pharmacy Timisoara, Faculty of Medicine, Eftimie Murgu Square no. 2, Timisoara
Type of business or sector Higher Education
Dates 2014-2015
Occupation or position held Assistant professor
Main activities and responsibilities • I coordinate practical laboratory activities in the disciplines General Cytology, Cell Biology, General Genetics, Ecological Genetics
Name and adress of employer West University of Timișoara, Faculty of Chemistry, Biology and Geography, Str. Pestalozzi 16, 300115, Timisoara
Type of business or sector Higher Education

Dates | **2010-2013**

Occupation or position held | Research assistant

Main activities and responsibilities | I worked as a member of a research team in a project with European funds.
• Activities: DNA extraction, PCR, sequencing, phylogenetic analysis, protein extraction, Western Blot.

Name and address of employer | Biological Research Institute Cluj Napoca, Str. Republicii 48, 400015 Cluj Napoca

Type of business or sector | Research

Dates | **2008-2013**

Occupation or position held | Junior Assistant professor

Main activities and responsibilities | I coordinated practical activities in the disciplines of General Cytology, Cell Biology

Name and address of employer | West University of Timișoara, Faculty of Chemistry, Biology and Geography, Str. Pestalozzi 16, 300115, Timisoara

Type of business or sector | Higher Education

Education and training**Dates** | **2010-2013**

Title of qualification awarded | • PhD in biology

Principal subjects / occupational skills covered | •

Name and type of organisation providing education and training | • Faculty of Biology and Geology, Babeș-Bolyai University Cluj Napoca

Level in national or international classification | • Higher Education

Dates | **2007-2008**

Title of qualification awarded | • Masters degree in Cell Biology and Molecular Biotechnology

Principal subjects / occupational skills covered | •

Name and type of organisation providing education and training | • Faculty of Biology and Geology, Babeș-Bolyai University Cluj Napoca

Level in national or international classification | • Higher Education

Dates | **2003-2007**

Title of qualification awarded | • Bachelor's degree in Biology

Principal subjects / occupational skills covered | •

Name and type of organisation providing education and training | • Faculty of Chemistry, Biology and Geography, West University of Timisoara

Level in national or international classification | • Higher Education

Personal skills

Membership in professional bodies | • Member in RSCB (Romanian Society of Cell Biology)

Native language | **Romanian**

Other language(s)

Self assessment

	Understanding		Speaking		Writing	
	Listening	Reading	Spoken interaction	Spoken production	Written production	
English	C1	C1	C1	C1	C1	
French	A2	A2	A1	A1	A1	
Italian	B1	B1	A1	A1	A1	

(*) [Common European framework of Reference \(CEF\) level](#)

Social skills and competences

- I coordinated and coordinate undergraduate papers and dissertations.
- Member of the admission commission to the bachelor's and master's degree cycle 2008-2010 UVT.
- Member of the UMF admission commission 2016,2016,2020,2021
- I work well in a team: I was a member of research teams in Cluj Napoca, Szeged and Timisoara.

Computer skills and competences

PC operation: Windows, MS Office, graphic editing, video editing (Camtasia Studio)
 Use of e-learning teaching and assessment software (Case Center) of the Cellular and molecular biology discipline
 Use of bioinformatics programs: Clustal W, Bioedit, MEGA 5.1; CLC Sequence Wiewer, Vector NTI Advanced v. 9.0, blastn within the BLAST algorithm - NCBI (National Center for Biotechnology Information)

Other skills and competences**A. Research grants**

- POS-CCE: 236 / 16.08.2010-2013 - Biotechnology for the conversion of solar energy into hydrogen through the use of photosynthetic microorganisms
- Research grant SC Bioclinica SA, 12403 / 12.10.2015, Analysis of molecular markers for diagnosis and prognosis in colorectal neoplastic pathology
- CNFIS-FDI-2023-F-0345, Abordarea integrată a învățământului superior medical de calitate, bazată pe promovarea echității și incluziunii sociale, Domeniul vizat: FDI 2023, Domeniul 1: creșterea echității sociale, în vederea incluziunii sociale și sporirea accesului la învățământul superior, Sursa de finanțare Fondul de dezvoltare instituțională
- CNFIS-FDI-2024-F-0449, Echitate, diversitate și incluziune în educația medicală, Domeniul 1 Creșterea echității sociale, în vederea incluziunii sociale și sporirii accesului la învățământul superior, 2024, Sursa de finanțare Fondul de dezvoltare instituțională
- SMIS 323275, OPORTUN - Oportunități de includere și creștere a accesului la învățământul superior medical prin intervenția timpurie asupra grupurilor dezavantajate

B. Awards

First prize "Corneliu Dragomirescu" for the best paper: mRNA Adiponectin Expression in the Molecular Profile of Morbidly Obese Patients presented at the IX ARCE congress, 23-25.11.2017, Bucharest

C. List of representative papers

1. Marioara Nicoleta Filimon, Sorin Octavian Voia, Roxana Popescu, Despina Maria Bordean, Diana Larisa Vladoiu, **Mihai Mituletu**, Vasile Ostafe. The effect of chlorsulfurone and MCPB-Na on the enzymatic activity of microorganisms. *J. Serb. Chem. Soc.*, 2014, 79(0):1-14
2. Kiss, E., **Mituletu, M.**, Vass, I. Transcriptional regulation of the bidirectional hydrogenase by oxygen and light in two *Anabaena* species. *New Zealand Journal of Botany*, 2014, **52**(1):28-35
3. Marioara Nicoleta Filimon, Sorin Octavian Voia, Roxana Popescu, Gabi Dumitrescu, Liliana Petculescu Ciocina, **Mihai Mituletu**, Daliborca Cristina Vlad. The effect of some insecticides on soil microorganisms based on enzymatic and bacteriological analyses. *Romanian Biotechnological Letters*, 2015, 20(3): 10439-10447
4. Verdes G, Duta CC, Popescu R, **Mituletu M**, Ursoniu S, Fulger OL. Adiponectin mRNA and Metabolic Profile in Malignant Obesity. *Revista de Chimie*. 2017, 68(7):1501-1505
8. Verdes G, Duta CC, Popescu R, **Mituletu M**, Ursoniu S, Lazar OF. Correlation between leptin and ghrelin expression in adipose visceral tissue and clinical-biological features in malignant obesity. *Romanian Journal Of Morphology And Embryology*. 2017, 58(3):923-929
5. Gabriel Verdes, Ciprian Constantin Duta, Roxana Popescu, **Mihai Mituletu**, Marioara Nicoleta Filimon, Gabi Dumitrescu, Fulger Octavian Lazar. KINETICS OF TNF- α AND IL-6 IN OBESITY PATIENTS AFTER BARIATRIC SURGERY. *Annales of West University of Timisoara. Series of Biology*. 2017, 20(1) 571-78.
6. Amadeus Dobrescu, Laurian Stoica, **Mihai Mituletu**, Alexandru Isaic, Ciprian Duta, Gabriel Verdes, Cristi Tarta, Alina Heghes, Lazar Fulger. Metabolic and Weight Changes After Bariatric Surgery in a Rat Model of Induced Type 2 Diabetes Mellitus and Obesity. *Revista de Chimie*. 2018, 69(4): 1030-1033
7. **Mihai Mituletu**, Marioara Nicoleta Filimon, Daliborca Cristiana Vlad, Adinela Cimporescu, Eugenia Dumitrescu, Gabi Dumitrescu, Cristian Nica, Adrian Sinitean, Doina Verdes. Effect of Lead Toxicity on the Structure and Function of Organs in Rats. *REVISTA DE CHIMIE*. 2019, 70(5), 1639- 1642
8. Alexandru O. Doma, Roxana Popescu, **Mihai Mituletu**, Delia Muntean, János Dégi, Marius V. Boldea, Isidora Radulov, Eugenia Dumitrescu, Florin Muselin, Nikola Puvaca, and Romeo T. Cristina. Comparative Evaluation of qnrA, qnrB, and qnrS Genes in Enterobacteriaceae Ciprofloxacin-Resistant Cases, in Swine Units and a Hospital from Western Romania. *Antibiotics*. 2020, 9, 698; doi:10.3390/antibiotics9100698
9. Marioara Nicoleta Filimon, Gabi Dumitrescu, Ion Valeriu Caraba, Adrian Sinitean, Doina Verdes, **Mihai Mituletu**, Marioara Cornianu, Roxana Popescu. Effects of mine waste water on rat: bioaccumulation and histopathological evaluation. *Environmental Science And Pollution Research*. 2021, **28**, 20222-20239
10. Nan, A.; **Mituletu, M.**; Dumitrescu, G.; Caraba, I.V.; Pet, I.; Sinitean, A.; Matica, M.A.; Liliana, P.C.; Pet, E.; Popescu, R.; Caraba M.N., Antimicrobial and Biofilm Inhibiting Potential of Two Romanian Linden Honeys. *Foods* 2025, 14, 3594. <https://doi.org/10.3390/foods14213594>

Driving licence(s) -

Additional information

- **Mai 2017**- Speaker at the molecular biology techniques workshop at the student conference HEART (Healthcare Education and Research Tools) 2nd Edition
- **May 2012-Oct 2012** (6 months)- Internship at Biological Research Centre Szeged, in the research group of dr. Imre Vass
- **Sept 2009**: Lecturer at the postgraduate course of Initiation in cell culture techniques organized within UMF „Victor Babeș” Timișoara, together with Prof. Dr. Doina Verdeș and Assistant. Dr. Roxana Popescu.
- **Specializations**: February 2009, Introduction to electron microscopy techniques, followed at the Center for Electron Microscopy Cluj Napoca, under the leadership of Prof. Dr. Constantin Crăciun, Faculty of Biology-Geology, UBB Cluj Napoca;

Date 26.02.2026

Signature