



PERSONAL INFORMATION

STOIAN ISABELLA IONELA



Timișoara, România  
 [isabella.stoian@umft.ro](mailto:isabella.stoian@umft.ro)  
Nationality Romanian

PROFESSIONAL EXPERIENCE

2024 - Present

**Assistant Professor**

Victor Babeș University of Medicine and Pharmacy Timișoara, Faculty of Medicine, 2 Eftimie Murgu Sq., Timisoara

**Main activities and responsibilities** Coordinating laboratory practical sessions for Cellular and Molecular Biology. Target Groups: General Nursing (AMG) Timișoara, Lugoj an Deva, Dental Medicine (MD), and General Medicine (MG)

**Sector** Higher Education

2023 - Present

**Resident Physician – Laboratory Medicine**

„Pius Brînzeu” Clinical Emergency Hospital Timișoara

**Sector:** Healthcare

EDUCATION AND TRAINING

2023 - Present

**PhD Student**

Field Medicine

Victor Babeș University of Medicine and Pharmacy Timișoara, Faculty of Medicine, 2 Eftimie Murgu Sq., Timisoara

**Scrieți calificarea obținută**

Scrieți denumirea organizației de educație sau formare și localitatea (dacă este relevant, scrieți și țara)

2015 – 2021

▪ Scrieți lista principalelor materii studiate și abilitățile acumulate  
**Doctor of Medicine (MD) – Professional Degree**

General Medicine

Specialization

Name and type of educational institution and organisation providing education

Victor Babeș University of Medicine and Pharmacy Timișoara, Faculty of Medicine, 2 Eftimie Murgu Sq., Timisoara

Principal subjects/occupational skills covered

Clinical and fundamental medical sciences, diagnostic and therapeutic protocols, preventive medicine

Level in national and international classification

Higher Education (EQF Level 7)

PERSONAL COMPETENCES

Mother tongue Romanian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Participare la conversație	Discurs oral	
English	B2	B2	B2	B2	B2
French	B2	B2	B2	B2	B2

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

Job-related skills

- Team spirit, collaborative research aptitude

Communication skills

- Excellent interpersonal and communication skills

Organisational/Managerial skills

- Strong organizational skills and attention to detail

Digital skills

Proficient in Microsoft Office™  
Digital Competence Certificate

Other skills

Creative writing skills developed through participation in national and international competitions

Driving License

Category B

## ADDITIONAL INFORMATION

### Publications

#### Articles indexed in ISI/IDB

1. Bălă GP, Rosca O, Bratosin F, Shetty USA, Vutukuru, **Sanda II**, Marc M, Fira-Mladinescu O, Oancea C. Airborn particulate matter size and COPD exacerbations: a prospective, risk-factor analysis comparing GOLD 3 and GOLD 4 categories. Journal of personalized medicine, 2023
2. Gruescu ACS, Popoiu C, Levai MC, Burtic SR, **Sanda II**, Neda-Stepan O, Rosca O, Fericean RM, Dumitru C, Stelea L. Stress Dynamics in Families with Children with Neuropsychiatric Disorders during the COVID-19 Pandemic: A Three-Year Longitudinal Assessment. Journal of clinical medicine, 2023 Nov
3. **Sanda II**, Hosin S, Vermesan D, Deleanu B, Pop D, Crisan D, Al-Qatawneh M, Mioc M, Prejbeanu R, Rosca O. Impact of Syndesmotic Screw Removal on Quality of Life, Mobility, and Daily Living Activities in Patients Post Distal Tibiofibular Diastasis Repair, Medicina (Kaunas), 2023,

4. **Sanda II**; Caraba I.V.; Caraba M.N.; Dumitrescu G.; Popescu R. In vitro anti proliferative effects of *Ocimum basilicum*. Scientific Papers: Animal Science and Biotechnologies, 2023, 56 (1):1-5
5. **Sanda I.I.**; Caraba M.N.\*; Caraba I.V.; Puscasiu D.; Munteanu I.L.; Popescu R.; Mituletu M.; Mayur Narendrakumar L. Testing the antibacterial potential of *Spirulina platensis* ethanolic extract. Annals of West University of Timișoara, ser. Biology, 2023, 26(2):99-106
6. Matei M, Matei S-C, Dumitru CS, Popescu R, Petrica L, Golu I, Cornianu M, **Stoian II**, Vlad MM. Preoperative Expression Profiles of miR-146a and miR-221 as Potential Biomarkers for Differentiating Benign from Malignant Thyroid Nodules. International Journal of Molecular Sciences. 2025; 26(15):7564.
7. Gherman A, Andrei D, Popoiu CM, Stoicescu ER, Levai MC, **Stoian II**, Bloancă V. Multidisciplinary Telemedicine in Healthcare During and After the COVID-19 Pandemic: A Narrative Review. Life. 2025;
8. **Isabella Ionela Stoian**, Daciana Nistor, Mihaela Codrina Levai, Daian Ionel Popa, Roxana Popescu Directional Modulation of the Integrated Stress Response in Neurodegeneration: A Systematic Review of eIF2B Activators, PERK-Pathway Agents, and ISR Prolongers, Biomedicine, 2026

#### Conference proceedings

1. **Isabella Ionela Sanda**, Tania Vlad, Ion Valeriu Caraba, Marioara Nicoleta Caraba, Gabi Dumitrescu, Roxana Popescu. In vitro anti proliferative effects of *Ocimum Basilicum*. UNIVERSITY OF LIFE SCIENCES "KING MIHAI I" from Timișoara "Young People And Multidisciplinary Research In Applied Life Sciences" November 16 – 17, 2023
2. Tania Vlad, **Isabella Stoian**, Cristian Sebastian Vlad, Caraba Marioara Nicoleta, Gabi Dumitrescu, Popescu Roxana. Testing the antitumor potential of ionic liquids with ammonium group. 41st Annual Conference of The Romanian Society For Cell Biology with International Participation Under the auspices of "George Emil Palade" University of Medicine, Pharmacy, Science, and Technology of Targu Mures. December 11-13, 2024, Targu Mures, Romania. (poster presentation)
3. **Isabella Stoian**, Daniela Pușcașiu, Roxana Popescu, Mihai Mitulețu, Teodor Cerebulescu, Ion Valeriu Caraba, Marioara Nicoleta Caraba. The Antimicrobial Potential of the *Arthrospira platensis* Ethanolic Extract. 41st Annual Scientific Conference of the Romanian Society For Cell Biology, Targu Mures, Romania, 11-13 December, 2024
4. Teodor Cerebulescu, Marioara Nicoleta Caraba, **Isabella Stoian**, Diduta Alina Brie, Roxana Popescu. Application Of Specular Microscopy In Management Of Corneal Disease. 41st Annual Scientific Conference of the Romanian Society For Cell Biology, Targu Mures, Romania, 11-13 December, 2024
5. Daniela Pușcașiu, Roxana Popescu, Nicoleta Caraba, Ioana Muntean, Mihai Mitulețu, Alina Brie, **Isabella Stoian**, Carmen Tatu. The Correlation between Angiogenesis and the Degree of Tumor Differentiation in Renal Carcinomas. 41st Annual Scientific Conference of the Romanian Society For Cell Biology, Targu Mures, Romania, 11-13 December, 2024
6. Cristina Dragomir, **Isabella Stoian**, Daniela Puscasiu, Roxana Popescu, Cristina Adriana Dehelean. The importance of matrix metalloproteinase-9 (mmp-9) for mothers and newborns in the early postpartum. 41st Annual Scientific Conference of the Romanian Society For Cell Biology, Targu Mures, Romania, 11-13 December, 2024
7. Carabenciov E, **Stoian I**, Caraba MN, Dumitrescu G, Puscasiu D, Carabă IV, Popescu R. The Influence of Tumor Microenvironment on the Progression of Glioblastoma. 3ULST Timisoara. Multidisciplinary Conference on Sustainable Development 15-16 May 2025
8. **Isabella Stoian**, Liliana Petculescu Ciocina, Gabi Dumitrescu, Daniela Puscasiu, Ion Valeriu Carabă, Roxana Popescu. Therapeutic potential of synthetic compounds in neurodegenerative

pathology. Multidisciplinary Conference on Sustainable Development, University of Life Sciences "King Mihai I", Timisoara, 15-16 May 2025. Section:- Biotechnology and Animal Science. (poster presentation)

9. **Isabella Stoian**, Crăciunescu Teodora, Tania Vlad, Cristina Marina, Roxana Popescu, Daliborca Vlad, Simona Şipoş, Corina Flangea. Implicații ale antibioterapiei în tratamentul infecției produse de Clostridium difficile. Conferința națională a Societății Române de Farmacologie „Inovația în Farmacologia Fundamentală și Clinică”, Iași, 09-10 Octombrie 2025. (poster presentation)
10. Cristina Marina, Adinela Cimporescu, Tania Vlad, **Isabella Stoian**, Corina Flangea, Roxana Popescu, Victor Dumitrascu, Daliborca Vlad. Eficiența extracției dependente de solvent a compușilor bioactivi din turmeric: extracția soxhlet versus extracția convențională. Conferința națională a Societății Române de Farmacologie „Inovația în Farmacologia Fundamentală și Clinică”, Iași, 09-10 Octombrie 2025. (poster presentation)
11. Marioara Nicoleta Caraba, Dainela Puscasiu, Mihai Mituletu, **Isabella Ionela Stoian**, Ion Valeriu Caraba, Gabi Dumitrescu, Roxana Popescu, Adelina Cheveresan. Natural and synthetic compounds with antimicrobial potential: a review. University of Life Sciences "King Mihai I" from Timisoara "Young people and multidisciplinary research in applied life sciences" 13-14 November, 2025
12. **Stoian Isabella**, Levai Codrina, Vlad Daliborca, Flangea Corina, Popescu Roxana. Molecular pathways involved in the stress response in neurodegenerative diseases. University of Life Sciences "King Mihai I" from Timisoara "Young people and multidisciplinary research in applied life sciences" 13-14 November, 2025

#### Editorial Activity

1. Popescu Roxana, Pușcașiu Daniela Anca, Mitulețu Mihai, Muntean Ioana Liliana, Carabă Mărioara Nicoleta, **Stoian Isabella Ionela**, Vlad Tania. Travaux pratique de biologie cellulaire et moleculaire. Editura Eurobit, 2025, ISBN 978-630-326-199-7
2. Popescu Roxana, Pușcașiu Daniela Anca, Mitulețu Mihai, Muntean Ioana Liliana, Carabă Mărioara, Nicoleta, **Stoian Isabella Ionela**, Vlad Tania. Biologie cellulaire et moleculaire, cours destinée aux étudiants en Medicine. Editura Eurobit, 2025, ISBN 978-630-326-204-8
3. Mitulețu Mihai, Pușcașiu Daniela Anca, Muntean Ioana Liliana, Carabă Mărioara Nicoleta, **Stoian Isabella Ionela**, Brie Diduța Alina, Cerbulescu Teodor, Vlad Tania, Popescu Roxana. Lucrări practice de biologie celulară și moleculară. Editura Eurobit, 2025, ISBN 978-630-326-197-3
4. Muntean Ioana Liliana, Mitulețu Mihai, Popescu Roxana, Pușcașiu Daniela Anca, Carabă Mărioara Nicoleta, **Stoian Isabella Ionela**, Vlad Tania. Lab note book of cell and molecular biology. Editura Eurobit, 2025, ISBN 978-630-326-198-0

#### Affiliations

- Romanian Association of Laboratory Medicine
- Romanian Society for Cell Biology

#### Projects

Project member – Non-discrimination Expert - OPORTUN - Opportunities for inclusion and increasing access to medical higher education through early intervention on disadvantaged groups", Code MySMIS323275

**Date: February 17, 2026**

**Signature:**

