

Curriculum Vitae – Europass

Personal Information

- Name: Zaharie Mihaela
- Address: Timișoara, Timiș County, Romania
- Email: mihaela.zaharie@umft.ro
- Nationality: Romanian
- Date of Birth: 2 July 1991

Current Positions

- Assistant Lecturer – Victor Babeș University of Medicine and Pharmacy, Timișoara (October 2023 – Present)
- Specialist Physician in Neonatology – Emergency Clinical Hospital for Children “Louis Turcanu”, Timișoara (January 2022 – Present)

Education and Training

- Doctoral Student (PhD Candidate) in Medicine – Victor Babeș University of Medicine and Pharmacy, Timișoara – Ongoing
- Postgraduate Psycho-Pedagogical Training Program (Level I & II) – West University of Timișoara (2024 – 2025)
- Doctor of Medicine (MD), General Medicine – Victor Babeș University of Medicine and Pharmacy, Timișoara (2010 – 2016)
- High School Diploma (Baccalaureate) – National College “C.D. Loga”, Timișoara (2006 – 2010)

Medical Training

- Resident Physician in Neonatology – County Emergency Clinical Hospital “Pius Brînzeu”, Timișoara (2017 – 2022)

Research Activities

- Participant in international clinical study: INSPIRE Study – International Neonatal Transfusion Point Prevalence Study (2023)

Publications

- **Zaharie M.**, Manea A.M., Boia M., Costescu O., Cioboată D., Brandibur T., Iacob D. Clinical Characteristics and Early Evolution of Neonates with Perinatal Gram-Negative Bacterial

Infections. Children. 2025;12(12):1692. DOI: 10.3390/children12121692. Indexed in PubMed/PMC.

- Boia M., Cioboată D., Brandibur T., Lungu N., Costescu O., **Zaharie M.**, Manea A., Doandeu F. Convulsive Syndrome in the Newborn within NICU – Diagnostic and Therapeutic Actualities. Ginecologia. 2022; Supplement 1. DOI: 10.26416/Gine.35.1.2022.
- Doandeu F.M., Manea A.M., Lungu N., Brandibur T., Cioboată D., Costescu O.C., **Zaharie M.**, Boia M. The Role of Amplitude-Integrated Electroencephalography (aEEG) in Monitoring Infants with Neonatal Seizures and Predicting Their Neurodevelopmental Outcome.
- Costescu O.C., Manea A.M., Cioboată D.M., Doandeu F.M., **Zaharie M.**, Dinu M., Iacob D., Boia M. The Effects of Iron Administration on Anemia Development during the 7th and 21st Day of Life in Premature Newborns: A Prospective Cohort Study.
- Lungu N., Manea A.M., Popescu D.E., Miok K., Doandeu F.M., Costescu O.C., **Zaharie M.**, Pop D.M., Jura A.M.C., Boia M. The Role of Biomarkers and Correlated Conditions in the Diagnosis of Neonatal Sepsis.
- Lungu N., Popescu D.E., Jura A.M.C., Zaharie M., Jura M.A., Roşca I., Boia M. Enhancing Early Detection of Sepsis in Neonates through Multimodal Biosignal Integration.
- Cioboată D.M., Costescu O.C., Manea A.M., Doandeu F.M., **Zaharie M.**, Popa Z.L., Costescu S., Stoica F., Boia M. Predicting Retinopathy of Prematurity Risk Using Plasma Levels of IGF-1, TNF- α and Neonatal Parameters.
- Jeleriu R.M., Hajaj R.K., Trăilă I.A., **Zaharie M.**, Puiu M. Theoretical Models and Simulations of Gene Delivery with Polyurethane: The Importance of Polyurethane as a Vector in Personalized Therapy.

Scientific Meetings and Conferences

- 21st National Conference of Neonatology – Current Topics in Neonatology – Braşov (2019)
- National Congress of Cystic Fibrosis and Pediatric Pulmonology Symposium – Timişoara (2019)
- Seminar “INTENSIV – An Additional Chance for Life for Critically Ill Children” – Timişoara (2019)
- Current Topics in Neonatology – Cluj-Napoca (2022)
- Congress of Fetal and Neonatal Medicine – Cluj-Napoca (April 2024)
- Congress of Fetal and Neonatal Medicine – Timişoara (2025)

Awards

- 2nd Prize – Best E-Poster – Congress of Fetal and Neonatal Medicine, Cluj-Napoca (April 2024)
- Poster: Maternal Fetal Infections with Gram-Negative Pathogens

Professional Courses and Certifications

- S.T.A.B.L.E. Learner Course – June 2022
- Sensorimotor Disorders in ENT – Diagnosis and Treatment (2022)

Professional Memberships

- Member – Romanian Society of Fetal and Neonatal Medicine
- Member – European Society of Human Genetics
- Member – Romanian Society of Medical Genetics

Teaching Activities

- Assistant Lecturer involved in clinical teaching in neonatology and practical training of medical students at Victor Babeş University of Medicine and Pharmacy, Timișoara.
- Activities include clinical teaching, practical sessions, and participation in academic training programs.

Languages

- Romanian – Native
- English – B2
- Italian – B2
- Spanish – A2

Digital Skills

- Microsoft Office (Word, Excel, PowerPoint)
- Basic image editing (Photoshop)
- Internet applications

Additional Skills

- Strong organizational and communication skills
- High adaptability and ability to assimilate new information quickly
- Teamwork and leadership abilities in clinical environments

Personal Interests

- Traveling
- Swimming