

Curriculum vitae

Personal Information

Last Name / First Name **Boia Marioara**
 E-mail(s) marianaboia@yahoo.com
 Nationality Romana
 Sex Female
 Job applied for / Position / Preferred Regional Expert for the Development of Practical Skills in Pediatric/Neonatal Intensive
 job / Field of study applied for Care – Western Region
 The Project POCU/91/4/8/109547

Professional Experience

Period 2017
 Position Held Habilitation Thesis entitled: *“Clinical–Ultrasonographic Correlations in Neonatal Neurological Conditions.”*

Period 2017 - Present
 Position Held Professor
 Main Activities and Responsibilities Teaching and Research Activities
 Name and Address of the Employer Victor Babeş University of Medicine and Pharmacy Timișoara,
 Type of Activity or Sector of Activity 2 Eftimie Murgu Square, 300041, Timișoara, Romania

Period 2006 - 2017
 Position Held Associate Professor
 Main Activities and Responsibilities Teaching and Research Activities
 Name and Address of the Employer Victor Babeş University of Medicine and Pharmacy Timișoara,
 Type of Activity or Sector of Activity 2 Eftimie Murgu Square, 300041, Timișoara, Romania
 Healthcare

Period February 2002 – 2006
 Position Held Senior Lecturer – Department of Pediatrics and Neonatology
 Main Activities and Responsibilities Teaching and Research Activities
 Name and Address of the Employer Victor Babeş University of Medicine and Pharmacy Timișoara,
 Type of Activity or Sector of Activity 2 Eftimie Murgu Square, 300041, Timișoara, Romania
 Healthcare

Period 1991 - 2002

Position Held	Assistant Professor – Discipline of Pediatrics and Neonatology
Main Activities and Responsibilities	Teaching and Research Activity
Name and Address of the Employer	Name and Address of the Employer: Victor Babeş University of Medicine and Pharmacy Timișoara, 2 Eftimie Murgu Square, 300041, Timișoara, Romania
Type of Activity or Sector of Activity	Healthcare
Period	2014 - Present
Position Held	President of the Board of Administration, “Louis Bărceanu” Emergency Clinical Hospital for Children, Timișoara
Period	2006 - Present
Position Held	Head of Department
Main Activities and Responsibilities	Organizational and managerial activities Medical and research activities
Name and Address of the Employer	“Louis Bărceanu” Emergency Clinical Hospital for Children, Neonatology Clinic – Premature Infants Unit, 2 Iosif Nemoianu Street, Timișoara, Romania
Type of Activity or Sector of Activity	Healthcare
Period	1998- Present
Position Held	Senior Consultant in Pediatrics
Name and Address of the Employer	“Louis Bărceanu” Emergency Clinical Hospital for Children, Neonatology Clinic – Premature Infants Unit, 2 Iosif Nemoianu Street, Timișoara, Romania
Type of Activity or Sector of Activity	Healthcare

Period 2011- Present
 Position Held Senior Consultant in Neonatology
 Activities and Responsibilities Medical and Research Activities
 Name and Address of the Employer "Louis Iurcanu" Emergency Clinical Hospital for Children, Neonatology Clinic –
 Premature Infants Unit,
 Type of Activity or Sector of Activity 2 Iosif Nemoianu Street, Timișoara, Romania
 Healthcare

Period
 Position Held 1993 – 1998
 Activities and Responsibilities Specialist in Pediatrics
 Medical and Research Activities
 Name and Address of the Employer
 Type of Activity or Sector of Activity "Louis Iurcanu" Emergency Clinical Hospital for Children, Neonatology Clinic –
 Premature Infants Unit,
 Period 2 Iosif Nemoianu Street, Timișoara, Romania
 Position Held Healthcare
 Type of Activity or Sector of Activity
 Name and Address of the Employer
 2002 - 2011
 Type of Activity or Sector of Activity Specialist in Pediatrics
 Medical and Research Activities
 Period "Louis Iurcanu" Emergency Clinical Hospital for Children, Neonatology Clinic –
 Position Held Premature Infants Unit, 2 Iosif Nemoianu Street, Timișoara, Romania
 Type of Activity or Sector of Activity
 Name and Address of the Employer Healthcare
 1990 -1993
 Type of Activity or Sector of Activity Resident Physician in Pediatrics
 Medical and Research Activities
 Period "Louis Iurcanu" Emergency Clinical Hospital for Children, Neonatology Clinic –
 Position Held Premature Infants Unit,
 Type of Activity or Sector of Activity 2 Iosif Nemoianu Street, Timișoara, Romania
 Healthcare
 Name and Address of the Employer
 Type of Activity or Sector of Activity 1987-1990
 Medical Intern
 Clinical Activity
 Oradea County Hospital, Oradea, Romania
 Healthcare

Education and Training

Period	March 2001 – Present.
Qualification / Diploma Obtained	PhD in Medical Sciences – Thesis: <i>“The Contribution of Transfontanellar Ultrasound in the Diagnosis of Intracranial Disorders in Premature Newborns”</i> Scientific Supervisor: Prof. Dr. Valentin Boliu PhD Diploma: Series A, No. 0000446, confirmed by Order of the Ministry of Education (OMEM) No. 3951 / 05.06.2001
Main subjects studied / Professional skills acquired	Specialization program focused on the development of theoretical, clinical, and research knowledge in the field of neonatal pathology.
Name and type of educational institution/training provider	Victor Babeş University of Medicine and Pharmacy Timișoara
Period	2007
Qualification / Diploma Obtained	Course in “Hospital Management” – Diploma No. 2112/23.04.2007
Main subjects studied / Professional skills acquired	
Name and type of educational institution/training provider	National School of Public Health, Management and Professional Development in Healthcare, Bucharest
Period	1997
Qualification / Diploma Obtained: Main subjects studied / Professional skills acquired	“Competence in Ultrasound” – Diploma No. 1865/17.06.1997 General ultrasound: abdominal, cardiac, pelvic, and genital organs. Pediatric ultrasound: general ultrasound and transfontanellar ultrasound.
Name and type of educational institution/training provider	Victor Babeş University of Medicine and Pharmacy Timișoara
Period	1980-1986
Qualification / Diploma Obtained: Main subjects studied / Professional skills acquired	Medical Doctor - Diploma General Medicine
Name and type of educational institution/training provider	Victor Babeş University of Medicine and Pharmacy Timișoara
Period	1976-1980
Qualification / Diploma Obtained: Main subjects studied / Professional skills acquired	Baccalaureate Diploma
Name and type of educational institution/training provider	“N. Bălcescu” Theoretical High School, Râmnicu Vâlcea, Romania

Personal Skills and Competences

Mother Tongui	Romanian			
Foreign Language(s)	Understanding		Speaking	Writing
Self-assessment	Listening	Listening	Spoken Interaction	Spoken Production Written Expression
European Level (*)				

English B2 Independent User | B2 Independent User | B2 Independent User | B1 Independent User | B2 Independent User
independent independent independent independent independent

Social Skills and Competences Common European Framework of Reference for Languages (CEFR) Level
Communication skills developed during specialist training and clinical and teaching practice; strong advocate of teamwork in the workplace.

Computer Skills and Competences Good command of Microsoft Office tools and Internet use.

Postgraduate Training (postgraduate courses, pre-congress courses, etc.)

- ▣ UENPS Learning – Best Practice in Neonatology, Module 1: Delivery Room Management, 21–22–24 May 2020, live streaming webinar.
- ▣ UENPS Learning – Best Practice in Neonatology, Module 2: Surfactant and Non-Invasive Ventilation, 16–19–23 June 2020, live streaming webinar.
- ▣ UENPS Learning – Best Practice in Neonatology, Module 3: Mechanical Ventilation of the Newborn, 14–15–16 July 2020, live streaming webinar.
- ▣ NIDA Clinical Trials Network Course – Good Clinical Practice, Certificate of Completion, 8 September 2015.
- ▣ Nestlé Nutrition Institute Course – The Role of Nutrition in Protecting Infants and Young Children: Proteins and Probiotics, 9–11 September 2015.
- ▣ Continuing Medical Education Program – “Updates in Neonatology and Pediatrics. Probiotics in Breast Milk and Their Importance in Infant Formula. Management of Acute Gastroenteritis and the Importance of Oral Rehydration”, Timișoara, 28 May 2015 (No. 3575/18.05.2015).
- ▣ Course – “Population Access to Medication: Benefits of Using Generic Medicines”, Timișoara, 7 November 2014.
- ▣ Training Course – “Quality Management in the Medical Sector and Institutional Communication”, Băile 1 Mai, Bihor, 20–22 May 2013 (No. 104/24, 23.05.2013).
- ▣ Workshop – “New Ventilatory Strategies in the Treatment of Neonatal Respiratory Distress – High-Frequency Ventilation”, Târgu Mureș, 2012.
- ▣ Course – “Microsoft Project Advanced”, Victor Babeș University of Medicine and Pharmacy Timișoara, POSDRU Project 21/1.5/G/40712 (Certificate Series H, No. 7173/17.04.2011).
- ▣ Course – “Screening for Early Detection of Scoliosis in Children”, Certificate Series TM No. 017/07.12.2010.
- ▣ Course – “Interdisciplinary Approach to Rare Genetic Diseases”, Victor Babeș University of Medicine and Pharmacy Timișoara, 2010.
- ▣ Course – “Updates in the Diagnosis and Care of Patients with Prader–Willi Syndrome”, 2009.
- ▣ Course – “Optimising Mechanical Ventilation Using Waves and Loops”, 2008.
- ▣ Course – “Neonatal Developmental Care”, Romanian Association of Neonatology, 2008.
- ▣ Course – “Clinical Use and Advantages of CPAP”, Romanian Association of Neonatology, 2008.
- ▣ Course – “Newborn Hearing Screening”, Romanian Association of Neonatology, 2008.
- ▣ Course – “Current Concepts in Neonatal Developmental Care”, Romanian Association of Neonatology, 2008.

- Course – 2005 – Diagnostic Algorithm and Investigations in Congenital Malformations in Children.
- Course – 2001 – “Interpretation and Correlation of Paraclinical (Nr.3816 06.11.2001)
- Course – 2000 – “Early Care of the Newborn” (Seria B, Nr. 0012334/04.10.2000)
- Course – 1999 – “Current Issues in Neonatology” (Seria A,nr.0019567/10.12.1999)
- Course – 1999 – “Perinatal Mortality” A. 105784/09.10.1999)
- Course- 1998 - International Physiotherapy grup for cystic fibrosis (23-28.09.1996)
- Course – 1996 – Pediatric Ultrasound Course (Series A, Nr. 0004111/12.11.1996)
- 1994 - Abdominal Ultrasound Course (Seria K, Nr. 14138/03.04.1996)- Training Stage Neonatal Unit, Kosair Children’s Hospital, Louisville, Kentucky, USA (23 March – 27 April 1998).

Member of Examination Committees

- Chair of the Selection Committee for the position of Senior Lecturer, Victor Babeș University of Medicine and Pharmacy Timișoara (UMFT), Decision No. 15/16.01.2025.
- Member of the Habilitation Thesis Defense Committee for the thesis entitled “Tackling the Complexities of Neonatal and Pediatric Pathology through a Multidisciplinary Approach”, in the doctoral field Medicine, candidate Dr. Roșca Joana, Senior Lecturer at Carol Davila University of Medicine and Pharmacy, Bucharest, Decision No. 4820/14.11.2025.
- Member of the Habilitation Thesis Defense Committee for the thesis entitled “Enhancing Safety in the Care of Critically Ill Neonates”, in the doctoral field Medicine, candidate Dr. Cârîtoveanu Cătălin-Gabriel, Associate Professor at Carol Davila University of Medicine and Pharmacy, Bucharest, Decision No. 2/03.01.2025.
- Member of the PhD Thesis Defense Committee – “Echocardiography as a Screening Method for the Prognosis of Pulmonary Hypertension Associated with Bronchopulmonary Dysplasia in Premature Newborns”, candidate Brănescu E. Irina, Decision No. 4018/25.09.2025, Carol Davila University of Medicine and Pharmacy, Bucharest.
- Member of the PhD Thesis Defense Committee – “Lung Ultrasound: Neonatal Ultrasound vs. Chest X-ray in Newborns with Pulmonary Diseases”, candidate Popa V. Alexandra-Elena, Decision No. 1541/13.05.2025, Carol Davila University of Medicine and Pharmacy, Bucharest.
- Member of the Habilitation Thesis Defense Committee, doctoral field Medicine, candidate Assoc. Prof. Cucerea Manuela-Camelia, George Emil Palade University of Medicine, Pharmacy, Science and Technology of Târgu Mureș, Decision No. 2550/12.11.2024.
- Member of the Habilitation Thesis Defense Committee, doctoral field Medicine, candidate Assoc. Prof. Maria-Livia Ognean, Lucian Blaga University of Sibiu, Decision No. 17/21.10.2024.
- Member of the PhD Thesis Defense Committee – “Comparative Study on the Prognosis of Term and Preterm Newborns Receiving Mechanical Ventilation”, candidate Cioboată Daniela, Decision No. 995/21.08.2024, Victor Babeș University of Medicine and Pharmacy Timișoara.
- Member of the Selection Committee for the position of Professor, UMFT, Decision No. 127/23.01.2024.
- Member of the PhD Thesis Defense Committee – “Implications of In Vitro Fertilization on Pregnancy and Neonatal Prognosis”, candidate Băcilă A. Andreea, Decision No. 2828/02.02.2022, Carol Davila University of Medicine and Pharmacy, Bucharest.

- Member of the Selection Committee for the position of Associate Professor, Iuliu Haieganu University of Medicine and Pharmacy, Cluj-Napoca, Rector's Decision No. 570/04.05.2023.
- Member of the PhD Thesis Defense Committee – “Glucocorticoid Corticoprophylaxis in Fetuses over 36 Weeks: Respiratory Adaptation and Neurological Diagnosis of the Newborn”, candidate Borcan Adriana, Decision No. 677/09.03.2023, Carol Davila University of Medicine and Pharmacy, Bucharest.
- Chair of the Examination Committee for the Position of Associate Professor, UMFT, Department XII, Puericulture–Neonatology Discipline, February 2023.
- Member of the Selection Committee for the position of Assistant Professor, Victor Babeș University of Medicine and Pharmacy Timișoara, Rector's Decision No. 119/10.01.2023.
- Member of the Specialist Physician Examination Committee, session 12.04.2023, specialty Neonatology, Ministry of Health Order No. 1287/11.04.2023.
- Chair of the Selection Committee for the position of Assistant Professor, UMFT, Decision No. 210/01.02.2022.
- Chair of the Selection Committee for the position of Senior Lecturer, Victor Babeș University of Medicine and Pharmacy Timișoara (UMFT), Decision No. 211/01.02.2022.
- Chair of the Examination Committee for the Specialist Physician Examination in Neonatology, Ministry of Health Order No. 3165/10.10.2022.
- Member of the PhD Thesis Defense Committee, Carol Davila University of Medicine and Pharmacy, Bucharest, Decision No. 3026/16.08.2022.
- Member of the PhD Thesis Defense Committee, Carol Davila University of Medicine and Pharmacy, Bucharest, Decision No. 2828/02.08.2022.
- Member of the Selection Committee for the position of Professor, Grigore T. Popa University of Medicine and Pharmacy, Iași, Decision No. 633/27.05.2022.
- Member of the PhD Thesis Defense Committee, Carol Davila University of Medicine and Pharmacy, Bucharest, Decision No. 1233/17.05.2021.
- Member of the Habilitation Thesis Evaluation Committee, Grigore T. Popa University of Medicine and Pharmacy, Iași, No. 26063/21.10.2021 – “From Basic Care to Emergency Diseases and Future Challenges in Neonates – An Integrative Approach”, candidate Luminița Păduraru.
- Member of the Habilitation Thesis Evaluation Committee, Iuliu Haieganu University of Medicine and Pharmacy, Cluj-Napoca, No. 13774/05.05.2020.
- Member of the PhD Thesis Defense Committee, Vasile Goldiș Western University of Arad, Decision No. 33/17.02.2020.
- Chair of the Examination/Selection Committee for the position of Senior Lecturer, Department XII, Discipline of Puericulture and Neonatology, UMFT, Rector's Decision No. 361/24.07.2020.
- Member of the Selection Committee for the position of Head of Department, Neonatology Clinic, Pius Brînzeu County Emergency Clinical Hospital Timișoara, Decision No. 205/09.08.2019.

- Vice-President of the Neonatology Commission of the Ministry of Health, Order No. 100/25.01.2019.
- Chair of the Selection Committee for the position of Specialist Physician in Neonatology, Louis Turcanu Emergency Clinical Hospital for Children, Timișoara, 09.02.2017.
- Chair of the Examination/Selection Committee for the position of Specialist Physician in Pediatrics, Neonatology Clinic – Premature Infants Unit, Louis Turcanu Emergency Clinical Hospital for Children, Timișoara, No. 68/05.01.2016.
- Member of the Specialist Physician Examination Committee in Neonatology, Ministry of Health Order No. 354/24.03.2016.
- Member of the Specialist Physician Examination Committee in Neonatology, Ministry of Health Order No. 1292/15.10.2015.
- Member of the Consultant Physician Examination Committee, Ministry of Health Order No. 735/11.06.2015.
- Member of the PhD Thesis Defense Committee – “Extreme Prematurity – Current and Future Management”, candidate Manea Aniko Maria (Lendecz), Decision No. 504/03.12.2014.
- Member of the PhD Thesis Defense Committee – “The Immunological Pattern of the Premature Newborn, a Major Risk Factor in Systemic Neonatal Infections”, candidate Dima Mirabela, Decision No. 427/30.10.2014.
- Member of the PhD Thesis Defense Committee – “Ventilatory Management in Neonatal Respiratory Distress Syndrome”, candidate Soanea Florica Ramona (Dorobanțu), Decision No. 428/30.10.2014
- Member of the Examination/Selection Committee for the position of Specialist Physician in Neonatology, Neonatology Clinical Department, Oradea Emergency Clinical Hospital, No. 424/29.10.2014.
- Member of the Consultant Physician Examination Committee, Ministry of Health Order No. 672/06.06.2014.
- Member of the Admission Committee for the Faculty of Medicine, Decision No. 3308/25.04.2012.
- Residency Training Coordinator for the specialty Neonatology, Decision No. 30/25.06.2012.
- Member of the Monitoring Committee for Clinical Training Activities, Municipal Hospital Timișoara, Decision No. 4/4352/23.05.2012.
- Alternate Member of the Electoral Committee for the election of the Senate and Rector of the Victor Babeș University of Medicine and Pharmacy Timișoara, Decision No. 3/13723/30.11.2011.
- Member of the Examination Committee for the specialty Neonatology, Decision No. 13218/17.10.2011.
- Member of the Examination Committee for the specialty Neonatology, Decision No. 2960/02.03.2009, Timiș County Public Health Directorate.

- Chair of the Examination Committee for the Specialist Physician Examination in Family Medicine, October 2009 session (Decision No. 12968/13.10.2009, Timiș County Public Health Directorate).
- Member of the Examination Committee for the specialty Neonatology, Decision No. 16158/09.10.2009, Timiș County Public Health Directorate.
- Member of the Examination Committee for the specialty Neonatology, Decision No. 15000/15.10.2007, Timiș County Public Health Directorate.
- Member of the Examination Committee for the position of Specialist Physician in Neonatology, Obstetrics and Gynecology Clinical Hospital, Oradea, Decision No. 4129/04.06.2007, Bihor Public Health Authority.
- Member of the Examination Committee for the position of Specialist Physician in Neonatology, Obstetrics and Gynecology Clinical Hospital, Oradea, examination held on 07.06.2007, in accordance with Ministry of Health Order No. 628/2001 and subsequent amendments.
- Accredited Coordinator for the Training Program in a Second Related Medical Specialty (fee-based program), Ministry of Health Order No. 180/02.03.2006.
- Member of the Examination Committee for the position of Teaching Assistant, Discipline of Puericulture and Neonatology, December–January sessions 2004–2006.
- Member of the Examination Committee for the position of Assistant Professor, Discipline of Puericulture and Neonatology, January 2005 session.
- Member of the Examination Committee for the specialty Neonatology, Neonatology Clinical Department, Timișoara Emergency Clinical Hospital, according to Decision No. 15000/15.10.1997, Timiș County Public Health Directorate.
- Member of the Examination Committee for the specialty Neonatology, Discipline of Puericulture and Neonatology, Victor Babeș University of Medicine and Pharmacy Timișoara, according to Decision No. 223/23.06.1997, Timiș County Public Health Directorate.

Lecturer at Scientific Meetings / Postgraduate Courses

1. Pneumoped 2025 – National Conference with International Participation in Pediatric Pulmonology and Cystic Fibrosis. Influenza Vaccination in Children and Adolescents: Efficacy and Safety of Intranasal Administration.
2. 3rd National Congress of the Romanian Society of Fetal and Neonatal Medicine, Timișoara, 27–29 March 2025. Clinico-Imaging Correlations in Cerebral Malformations.
3. 8th Perinatology Forum – “Hot Topics in Perinatology”, Bucharest, 13–14 February 2025. Hypo- and Hyperglycemia in the Neonatal Period.
4. 9th National Conference of the Romanian Association for Pediatric Education in Family Medicine (AREPMF), Poiana Brașov, 7–10 March 2024. Emergencies in Neonatology and Pediatrics.

5. Pneumoped 2024. Neonatal Nutrition in Severe Neonatal Respiratory Diseases.
6. 7th Perinatology Forum – “Hot Topics in Perinatology”, online conference (www.medichub.ro), 16–17 October 2024.
7. 10th National Conference of AREPMF, Poiana Braşov, 7–10 March 2024.
8. “Pediatrics from a Multidisciplinary Perspective” Conference, Timișoara, 10 October 2024.
9. 20th National Conference of Neonatology, Poiana Braşov, September 2024.
10. 2nd National Congress of the Romanian Society of Fetal and Neonatal Medicine, Cluj-Napoca, 2024. General Principles of Nutrition in the Newborn with Renal Pathology.
11. Lecturer – National Congress of Fetal and Neonatal Medicine, 11–13 May 2023.
12. Lecturer – Perinatology Forum: “Updates in Perinatology”, 12–13 October 2023.
13. Lecturer – Pneumoped 2023, National Conference with International Participation, Bucharest.
14. Neonatal Pneumonias, Timișoara, 25–28 October.
15. Lecturer – Pediatric Pulmonology Symposium and National Congress of Cystic Fibrosis, 20–22 October 2022 (18 CME credits).
16. Lecturer – National Conference of the Romanian Association for Pediatric Education in Family Medicine (AREPMF) – “Tradition and Modernism in Family Medicine Practice”, 24–27 March 2022 (online).
17. Lecturer – Perinatology Forum “Hot Topics in Perinatology”, 10–11 July 2020 – Diploma of Excellence.
18. Lecturer – “Long-Term Complications of the High-Risk Newborn”, Victor Babeş University of Medicine and Pharmacy Timișoara, 20–21 April 2018 (12 CME credits).
19. Lecturer – “Prematurity and Its Complications”, Victor Babeş University of Medicine and Pharmacy Timișoara, 15–20 November 2018 (30 CME credits).
20. Lecturer – Conference “Growth and Development Disorders in the Neonatal Period”, Băile Herculane, 29–31 March 2019.
21. Lecturer – Conference “Modern Medical Management of Perinatal Pathology”, Timișoara, 14–15 June 2011.
22. Lecturer – “Care and Management of Term and Preterm Newborns”, Victor Babeş University of Medicine and Pharmacy, Timișoara, 04–22 July 2009.
23. Lecturer – “The Surgical Newborn – An Interdisciplinary Challenge”, 2007.

Supervised Bachelor's Theses

- "Oxygen Therapy in the Newborn", 2020, Victor Babeș University of Medicine and Pharmacy Timișoara (UMFT), Mateian Alexandra-Maria, General Medicine.
- "Clinical and Biological Evolution of the Premature Newborn with Sepsis", 2015, UMFT, Caraba Alexandra Cristina, General Medicine.
- "Down Syndrome – Evolution and Prognosis in a Group of Premature Newborns", 2013, UMFT, Bordanca Maria, General Medicine.
- "Oxygen Therapy in Premature Newborns with Respiratory Distress Syndrome", 2014, UMFT, Ana Maria Jula, General Medicine.
- "Neonatal Seizure Syndrome", 2015, UMFT, Dan Roxana Diana, General Medicine.
- "Multiple Pregnancy – A Risk Factor for Neonatal Morbidity", 2012, UMFT, Raluca Corina Tatomir, General Medicine.
- "Clinical Evolutionary Particularities in Chronic Intrauterine Infections", 2012, UMFT, Marin Cristian Mezo, General Medicine.
- "Neonatal Hyperbilirubinemia – Clinical and Evolutionary Particularities", 2011, UMFT, Raluca Alexandra Moga, General Nursing.
- "Intraventricular Hemorrhage in the Premature Newborn", 2011, UMFT, Alexandru Cârstea, General Medicine.
- "Nutrition of the Premature Newborn", 2011, UMFT, Matei Mezin-Sârbu, General Medicine.
- "Cranio-Cerebral Malformations in the Newborn: Diagnosis, Evolution and Prognosis", 2011, UMFT, Dumitrița Andreea Târna, General Medicine.
- "Infectious Pathology in Premature Newborns", 2011, UMFT, Giordiana Brad, Master's Program.
- "Treatment and Care of the Premature Newborn with Early and Late Anemia", 2011, UMFT, Carmen Maria Pîslaru, Master's Program.
- "Clinical and Ultrasound Study, Evolution and Prognosis in Premature Infants with Perinatal Hypoxic-Ischemic Encephalopathy", 2010, UMFT, Adriana Pavel, Master's Program.
- "Extreme Prematurity – Causes of Morbidity and Mortality", 2010, UMFT, Aniko Maria Lendeczki (Manea), Master's Program.
- "Care of Low and Very Low Birth Weight Premature Newborns in the Arad Maternity Unit", 2010, UMFT, Carmen (Cristian) Cârdea, Master's Program.
- "Nursing Issues in Infants with Protein-Calorie Malnutrition", 2009, UMFT, Eva Ana Dukay, General Medicine.
- "Neonatal Jaundice", 2006, UMFT, Lavinia Drăgan, General Nursing.

Research Project

2-Project Director

4- Team Member

Project Director – Rotary Grant (2014–2016), No. 4616/26.04.2016
“Life Support in Children.”

Research Team Member – HURO Research Project

“Screening of Metabolic Diseases in Newborns and Molecular Genetic Diagnosis of Hereditary Diseases: Development of Euroregional Infrastructure.”

Project period: 2011–2012.

Research Team Member – PNII Grant PNII-42-113/2008

“Correlation of Clinical, Genetic and Epigenetic Aspects Involved in the Etiology of Prader–Willi / Angelman Syndromes: A Multidisciplinary Approach Model for Rare Diseases in Romania.”

Project Director – Rotary Shares Grant

“Prevention and Management of the Sequelae of Intraventricular Hemorrhage in Premature Newborns.”

Project period: 2007–2009.

Research Team Member – CNCSIS Grant No. 755/2006

“New Directions in the Diagnosis and Management of Perinatal Brain Injury and Its Postnatal Consequences.”

Role: Expert Supervisor in Transfontanellar Ultrasound.

Research Team Member – CNCSIS Grant (AT Project)

“Prevention and Management of Surgical Causes of Infertility in Children.”

Project period: 2000–2002.

Membership in Professional Associations - 7

1. Vice-President, Neonatology Commission, Romanian College of Physicians.
2. Member, Romanian Society of Pediatrics.
3. Member, Romanian Society of Medical Genetics.
4. Member, European Society of Human Genetics.
5. Vice-President, Romanian Society of Fetal and Neonatal Medicine.
6. Member, Romanian Association of Neonatology.
7. Founding Member, Romanian Society of Pediatric and Neonatal Intensive Care (SRTIPN).

Member of the Organizing Committee of Scientific Events

- ▣ Perinatology Forum – “Hot Topics in Perinatology”, 10–11 July 2019.
- ▣ Course in Perinatal Medicine – “New Directions in the Management of Perinatal Fetal Distress”, Timișoara, 03–07 July 2012, organized by Victor Babeș University of Medicine and Pharmacy Timișoara.
- ▣ Euroregional Conference of Neonatology, Timișoara, 20–22 October 2011, organized by Victor Babeș University of Medicine and Pharmacy Timișoara.
- ▣ Symposium “Neonatology and General Pediatrics”, Timișoara, 05–09 May 2003, organized by Victor Babeș University of Medicine and Pharmacy Timișoara.

Participation in congresses, conferences, symposia, and other scientific events

- ▣ 22nd National Conference of Neonatology with International Participation, Eforie Nord, Romania, 15–17 September 2023.
- ▣ jENS 2023 – 5th Congress of the Joint European Neonatal Societies, Rome, Italy, 19–23 September 2023.
- ▣ 10th International Conference on Nutrition and Growth, London, United Kingdom, 30 March – 1 April 2023.
- ▣ Pediatric Pulmonology Symposium and National Congress of Cystic Fibrosis, 20–22 October 2022 (event code TM No. 405/22.10.2022).
- ▣ National Conference of Neonatology – “Neonatal Emergencies”, Oradea, Romania, 30¹² September – 1 October 2022 (Series ANR No. 269/01.10.2022).
- ▣ 54th Annual Meeting of the European Society for Paediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN), Copenhagen, Denmark, 22–25 June 2022.
- ▣ National Conference of the Romanian Association for Pediatric Education in Family

- 12th National Congress of Pediatrics with International Participation, Timișoara, Romania, 3–5 September 2015.
- 12th World Congress of Perinatal Medicine, Madrid, Spain, 3–6 November 2015.
- 48th Annual Meeting of the European Society for Paediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN), Amsterdam, Netherlands, 6–9 May 2015.
- 5th Congress of the European Academy of Paediatric Societies (EAPS), Barcelona, Spain, 17–21 October 2014.
- 47th Annual Meeting of the European Society for Paediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN), Jerusalem, Israel, 9–12 June 2014.
- 17th National Conference of Neonatology – “Medical Care of the Very Low Birth Weight Premature Infant”, Oradea, Romania, 26–27 September 2014.
- 11th World Congress of Perinatal Medicine, Moscow, Russian Federation, 19–22 June 2013.
- International Scientific Symposium, Istanbul, Turkey, 17 March 2012.
- 4th World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, Taipei, Taiwan, 14–18 November 2012.
- 23rd European Congress on Perinatal Medicine, Paris, France, 13–16 June 2012.
- 10th National Congress of Microscopic Morphology with International Participation, Timișoara, Romania, 24–26 May 2012.
- Sibiu Interdisciplinary Conference – “The Newborn, Infant and Child at Risk”, Sibiu, Romania, 7–9 June 2012.
- 10th World Congress of Perinatal Medicine, Punta del Este, Uruguay, 8–11 November 2011.
- Euroregional Conference of Neonatology, Timișoara, Romania, 20–21 November 2011.
- European Guidelines 2010 for Cardiopulmonary and Cerebral Resuscitation, Timișoara, Romania, 14–15 October 2011.
- 9th National Course on Guidelines and Protocols in Anesthesia, Intensive Care and Emergency Medicine, Timișoara, Romania, 13–15 October 2011.
- 8th National Congress of the Romanian Society of Pediatric Orthopedics and Traumatology with International Participation, Timișoara, Romania, 6–8 October 2011.
- 2nd National Congress of Neonatology with International Participation, Iași, Romania, 16–18 September 2011.
- International Congress “TIMMEDICA”, Timișoara, Romania, 16–18 June 2011.
- International Symposium “Controversies in Growth and Development Disorders in Children”, Timișoara, Romania, 19–21 May 2011.
- 2nd National Symposium of Pediatric Endocrinology with International Participation, Timișoara, Romania, 10–12 May 2011.
- International Scientific Symposium – “The Toddler Age: Nutrition and Health Challenges”, Prague, Czech Republic, 19 March 2011.
- Symposium “Updates in Nutritional Management of the Newborn and Infant”, Timișoara, Romania, 6–7 October 2010.
- 2nd Eastern European Conference on Prader–Willi Syndrome, Victor Babeș University of Medicine and Pharmacy Timișoara, October 2010.
- Conference “Child Health Today”, Bucharest, Romania, 27–28 September 2010.
- 3rd National Congress of Medical Genetics, Timișoara, Romania, 22–25 September 2010.
- National Conference of Neonatology with International Participation, Sibiu, Romania, 15–18 September 2010.
- EUROPLAN Conference (European Project for Rare Diseases National Plans Development), Bucharest, Romania, 18–19 June 2010.
- European Human Genetics Conference, Gothenburg, Sweden, 12–15 June 2010.
- 7th National Congress of the Romanian Society of Pediatric Orthopedics and Traumatology with International Participation, Brașov, Romania, 20–21 May 2010.
- 22nd European Congress of Perinatal Medicine, Granada, Spain, 26–29 May 2010.
- Eastern European Conference – “Multidisciplinary Approach in the Management of Prader–Willi Syndrome”, Victor Babeș University of Medicine and Pharmacy Timișoara, 24–25 April 2009.

- Human Genetics Conference, Vienna, Austria, 23–26 May 2009.
- 9th World Congress of Perinatal Medicine, Berlin, Germany, 24–28 October 2009.
- 13th National Conference of Neonatology with International Participation, Târgu Mureș, Romania, 23–26 September 2009.
- 9th National Congress of Pediatrics with International Participation, Iași, Romania, 21–24 October 2009.
- 1st International Congress of UENPS (Union of European Neonatal and Perinatal Societies) – Global Neonatology & Perinatology, Rome, Italy, 17–19 November 2008.
- 12th National Conference of Neonatology, Timișoara, Romania, October 2008.
- International Congress of Pediatrics, Sibiu, Romania, 27–30 September 2007.
- 8th World Congress of Perinatal Medicine, Florence, Italy, 9–13 September 2007.
- 11th Conference of Neonatology with International Participation – “The Premature Newborn”, Constanța, Romania, 20–22 September 2007.
- 1st National Congress of Neonatology with International Participation – “Perinatal Hypoxia”, Cluj-Napoca, Romania, 28–30 September 2006.
- 7th National Congress of Pharmacology, Therapeutics and Clinical Toxicology, Timișoara, Romania, 2006.
- Conference “Modern Approaches to Early Intervention”, Victor Babeș University of Medicine and Pharmacy Timișoara & F.A. Speranța Foundation, 2006.
- 9th National Conference of Neonatology with International Participation – “Medication in the Newborn”, Craiova, Romania, September 2005.
- 9th International Congress for Medical Students and Young Doctors, Timișoara, Romania, 19–22 May 2005.
- Interdisciplinary Symposium: Pediatrics, Neurology and Psychiatry of the Child and Adolescent, Timișoara, Romania, December 2005.
- Symposium “Probiotics in the Nutrition of the Newborn and Infant”, Timișoara, Romania, 2005.
- National Conference of Ultrasonography, Arad, Romania, 28–30 May 2004.
- 10th National Conference of Neonatology with International Participation, Arad, Romania, September 2004.
- 1st National Congress of Mucoviscidosis (Cystic Fibrosis) with International Participation, Timișoara, Romania, 7–9 May 2003.
- American Pediatric Medical Symposium, Poiana Brașov, Romania, 3–4 October 2003.
- National Congress of the Romanian Society of Pediatrics, Constanța, Romania, 2003.
- National Symposium with International Participation – “Neonatology and General Pediatrics”, Timișoara, Romania, 5–9 May 2003.
- 1st National Congress of Medical Genetics, Oradea, Romania, 19–22 September 2002.
- American Pediatric Medical Symposium, Sinaia, Romania, 24–25 May 2002.
- National Congress of the Romanian Society of Pediatric Gastroenterology and Hepatology with Francophone Participation, Bistrița, Romania, 27–29 September 2000.
- National Conference of Infectious Diseases, Timișoara, Romania, 17–19 May 2001.
- 7th Annual Romanian-American Pediatric Symposium, Durău, Romania, 30 September – 1 October 2000.

Publications

Member of the Editorial Board of the journal “*Jurnalul Pediatriei*”, ISSN 2065-4855, a journal classified by CNCSIS (Category B+) and indexed in international databases.

Edited Monographs:

- Sole Author: 3
- Co-author: 4

Published Courses / Teaching Materials:

- Sole Author: 1
- Co-author: 9

Representative ISI-Indexed Publications

1. Cerbu, B.; **Boia, M.**; Pantea, M.; Ignat, T.; Dima, M.; Enătescu, I.; Rotea, B.; Rotea, A.; David, V.; Iacob, D. Neonatal Sepsis as Organ Dysfunction: Prognostic Accuracy and Clinical Utility of the nSOFA in the NICU—A Systematic Review. *Diagnostics*, 2026, 16, 349. <https://doi.org/10.3390/diagnostics16020349>
2. 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, 1692. <https://doi.org/10.3390/children12121692>
3. Dumitru, A.I.; Ilie, A.C.; Bondar, A.-C.; Mudireddy, N.R.; Turimula, A.; Mavrea, A.; **Boia, M.** Dyadic Mental Health in Paediatric Congenital Heart Disease: Actor–Partner Associations Between Child HRQoL/Depression and Caregiver Stress Across Lesion Severity. *Healthcare*, 2025, 13, 2681. <https://doi.org/10.3390/healthcare13212681>
4. Dumitru, A.I.; Dima, M.; **Boia, M.** Quality of Life and Stress-Related Psychological Distress Among Families Caring for Children with Cardiac Malformations Under Conservative Treatment: A Cross-Sectional Study Using the 36-Item Short Form Health Survey, the Perceived Stress Scale, and the Parental Burnout Assessment Scale. *Diseases*, 2025, 13(4), 95. <https://doi.org/10.3390/diseases13040095>
5. Dumitru, A.I.; Lăcătușu, A.; **Boia, M.** Health-Related Quality of Life and Internalising Symptoms in Romanian Children with Congenital Cardiac Malformations: A Single-Centre Cross-Sectional Analysis. *Diseases*, 2025.
6. **Boia, M.**; Popescu, D.E.; Jura, A.M.C.; Belengeanu, V.; Lungu, N.; Manea, A.M.; Stoica, F.; Pienar, C.; Boia, E.R. Cutis Marmorata Telangiectatica Congenita: Case Series and Literature Review. *Diagnostics*, 2025, 15(16), 2043. DOI: 10.3390/diagnostics15162043. Q1, IF = 3.3, WOS:001558442800001
7. Lungu, N.; Jura, A.M.C.; Popescu, D.E.; Horhat, F.G.; Manea, A.M.; **Boia, M.** Understanding the Difficulties in Diagnosing Neonatal Sepsis: Assessing the Role of Sepsis Biomarkers. *Journal of Critical Care Medicine*, 2024, 10(4), 316–328. Q4, IF = 0.9, WOS:001399840800007
8. Chisavu, F.; Chisavu, L.; Schiller, A.; Gafencu, M.; **Boia, M.**; Stroescu, R. The Prognostic Value of Serum Creatinine Dynamics in Neonates—A Retrospective Cohort Study. *Journal of Clinical Medicine*, 2024, 13, 7485. <https://doi.org/10.3390/jcm13237485>
9. Brandibur, T.E.; Kundnani, N.R.; **Boia, M.**; Nistor, D.; Velimirovici, D.M.; Mada, M.; Manea, A.M.; Boia, E.R.; Neagu, M.N.; Popoiu, C.M. Does COVID-19 Infection during Pregnancy Increase the Appearance of Congenital Gastrointestinal Malformations in Neonates? *Biomedicines*, 2024, 11(12). DOI: 10.3390/biomedicines11123105.
10. 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. *Clinics and Practice*, 2024, 14(4), 1515–1528. Q2, IF = 1.7, WOS:001305727500001
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13. Costescu, O.C.; Manea, A.M.; Boia, E.R.; Cioboată, D.M.; Doandeu, F.M.; Enătescu, I.; Costescu, S.; Prodan, M.; **Boia, M.** Early Postnatal Administration of Erythropoietin and Its Association with Neurodevelopmental Outcomes and Incidence of Intraventricular Hemorrhage and Hypoxic-Ischemic Encephalopathy: A Four-Week Observational Study. *Pediatric Reports*, 2024, 16(2), 339–352. Q3, IF = 1.4, WOS:001257922300001.
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17. Popescu, D.E.; Roșca, I.; Jura, A.M.C.; Cioca, A.; Pop, O.; Lungu, N.; Popa, Z.L.; Raiu, A.; **Boia, M.** Prompt Placental Histopathological and Immunohistochemical Assessment after SARS-CoV-2 Infection during Pregnancy—Our Perspective of a Small Group. *International Journal of Molecular Sciences*, 2024, 25(3), 1836. Q1, IF = 4.9, WOS:001160275400001.
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21. Costescu, O.C.; Boia, E.R.; **Boia, M.**; Cioboată, D.M.; Doandeu, F.M.; Lungu, N.; Dinu, M.; Iacob, E.R.; Manea, A.M. The Role of Erythropoietin in Preventing Anemia in the Premature Neonate. *Children*, 2023, 10(12), 1843.
22. 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 Neurodevelopmental Outcome.

- Children, 2023, 10(5), 833.
23. Brandibur, T.E.; Manea, A.M.; Sharma, A.; Kundnani, N.R.; Popoiu, M.C.; Ahmad, B.; Dahdal, D.S.; Cioboată, D.; Lungu, N.; Doandeu, F.; Boia, E.R.; **Boia, M.** Macronutrients Management for Growth in Neonates with Congenital Gastrointestinal Malformations. *Medical Science Monitor*, 2022, 28: e938106. DOI: 10.12659/MSM.938106. IF = 3.386.
 24. Domnicu, A.; Mogoș, M.; Manea, A.M.; Boia, E.R.; **Boia, M.** Clinical Factors Associated with COVID-19 Severity in Chronic Hospitalized Infants and Toddlers: Data from a Center in the West Part of Romania. *Healthcare*, 2022, 10(5), 808. DOI: 10.3390/healthcare10050808. IF = 3.160.
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 26. Popescu, D.E.; Cîțu, C.; Jura, A.M.C.; Lungu, N.; Navolan, D.; Craina, M.; Semenescu, A.; Gorun, F.; Jura, M.A.; Belengeanu, V.; **Boia, M.** The Benefits of Vaccination against SARS-CoV-2 during Pregnancy in Favor of the Mother/Newborn Dyad. *Vaccines*, 2022, 10(6), 848. DOI: 10.3390/vaccines10060848. IF = 4.961.
 27. Munteanu, A.; Manea, A.M.; Jinca, C.M.; **Boia, M.** Basic Biochemical and Hematological Parameters in Perinatal Asphyxia and Their Correlation with Hypoxic-Ischemic Encephalopathy. *Experimental and Therapeutic Medicine*, 2021, 21(3), 259. DOI: 10.3892/etm.2021.9690.
 28. Doandeu, F.; Manea, A.M.; Lungu, N.; Cioboată, D.; Brandibur, T.; Costescu, O.; Hudisteanu, A.; Boia, E.R.; **Boia, M.** Clinical, Biological and Electroencephalographic Monitoring of Newborns with Neurological Risk in the Neonatal Intensive Care Unit. *Experimental and Therapeutic Medicine*, 2021, 22(1), 760. DOI: 10.3892/etm.2021.10192. IF = 2.751.
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