



## Curriculum vitae Europass

### Personal informations

Name /Surname **Popoiu Calin Marius**

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Phone

E-mail **mcpopoiu@umft.ro**

Nationality Romanian

Date of birth 3 nov 1964

Sex Masculin

**Occupational field** **Victor Babeş University of Medicine and Pharmacy, Timișoara  
Pediatrics / Louis Țurcanu Emergency Clinical Hospital for Children**

**Research Expertise** Expert in research and development in pediatric surgery, with advanced expertise in newborn surgery, oncologic surgery, robotic surgery, pediatric laparoscopic surgery and thoracoscopic techniques.

**Professional experience** **Professor**  
Victor Babeş University of Medicine and Pharmacy, Timișoara, with clinical integration at Louis Țurcanu Emergency Clinical Hospital for Children

#### **Primary Physician in Pediatric Surgery and Orthopedics / MD, PhD**

Periode - **Assistant Professor**, Department XI - Victor Babeş University of Medicine and Pharmacy, Timișoara  
1992-2002  
- **Lecturer**, Department XI - Victor Babeş University of Medicine and Pharmacy, Timișoara  
2002-2014  
- **Associate Professor**, Department XI - Victor Babeş University of Medicine and Pharmacy, Timișoara, August 1,  
2014-2019  
- **Professor**, Department XI - Victor Babeş University of Medicine and Pharmacy, Timișoara  
2019 – present

**Head of Pediatric Surgery and Orthopedic Clinic** – Louis Țurcanu Emergency Clinical Hospital for Children,  
Timișoara  
Dec 2025 – present

| <b>Education and Training</b><br>Period / Diploma                                     | 1991<br>- <b>Doctor of Medicine Degree</b> , Victor Babeş University of Medicine and Pharmacy, Timișoara<br>1996<br>- <b>Pharmacist Diploma</b> , Victor Babeş University of Medicine and Pharmacy, Timișoara<br>2001<br>- <b>Medic primar chirurgie Pediatria</b> , OMS/538/2001<br>2002<br>- <b>PhD in Medicine</b> , Victor Babeş University of Medicine and Pharmacy, Timișoara<br>2019<br>- <b>Habilitation Certificate in Medical Doctoral Studies</b> , Victor Babeş University of Medicine and Pharmacy, Timișoara<br><br>- <b>PhD in Medicine</b> , Ordin MEN 3570/2002<br>- <b>Habilitation Certificate in Medical Doctoral Studies</b> OME nr.4120/28.05.2019  |                  |    |                  |    |                  |    |                  |    |                  |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |
|---|---|------------------|----|------------------|----|------------------|----|------------------|----|------------------|--|-----------|--|---------|--|----------|--|----------|--|---------|--|----------------|----|------------------|----|------------------|----|------------------|----|------------------|----|------------------|---------------|----|------------------|----|------------------|----|------------------|----|------------------|----|------------------|
| <b>Certifications and Courses:</b>  | Thoracoscopic Surgery Certifications no.1006713/29.05.2002<br><br>Certification of complementary studies in laparoscopic Pediatric Surgery level I-basic techniques series C no.036163/30.06.2015<br><br>Certification of complementary studies in laparoscopic Pediatric Surgery level II-advanced techniques Series C no.036154/30.06.2015<br><br>Robotic Surgery Certification 09.02.2018  |                  |    |                  |    |                  |    |                  |    |                  |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |
| <b>Awards and Recognition</b>   | 1. DKMT Euroregion Award for the HIP-PAT project (2013)<br>2. Gold Medal – TESLA FEST International Innovation Festival (2019)<br>3. Gold Medal – Traian Vuia International Innovation Salon (2021)   |                  |    |                  |    |                  |    |                  |    |                  |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |
| Computer skills and abilities   | Microsoft Office  |                  |    |                  |    |                  |    |                  |    |                  |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |
| Drivers license   | B Category  |                  |    |                  |    |                  |    |                  |    |                  |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |
| Languages. Native   | Romanian  |                  |    |                  |    |                  |    |                  |    |                  |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |
| Foreigns  | French, English   |                  |    |                  |    |                  |    |                  |    |                  |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |
| Self evaluation<br><i>European level (*)</i>  | <table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Speaking</th> <th colspan="2">Speaking</th> <th colspan="2">Writing</th> </tr> </thead> <tbody> <tr> <td><b>English</b></td> <td>B2</td> <td>Independent user</td> </tr> <tr> <td><b>French</b></td> <td>B2</td> <td>Independent user</td> </tr> </tbody> </table> | Understanding    |    |                  |    | Speaking         |    |                  |    | Writing          |  | Listening |  | Reading |  | Speaking |  | Speaking |  | Writing |  | <b>English</b> | B2 | Independent user | <b>French</b> | B2 | Independent user |
| Understanding   |   |                  |    | Speaking         |    |                  |    | Writing          |    |                  |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |
| Listening   |   | Reading          |    | Speaking         |    | Speaking         |    | Writing          |    |                  |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |
| <b>English</b>  | B2  | Independent user | B2 | Independent user | B2 | Independent user | B2 | Independent user | B2 | Independent user |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |
| <b>French</b>   | B2  | Independent user | B2 | Independent user | B2 | Independent user | B2 | Independent user | B2 | Independent user |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |
| (*) <a href="#">Nivelul Cadrului European Comun de Referință Pentru Limbi Străine</a> |   |                  |    |                  |    |                  |    |                  |    |                  |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |
| Competencies and social skills  | Empathy and sensitivity towards people's needs and suffering<br><br>Teamwork skills based on fairness, respect, and responsibility<br>Good ability to adapt to diverse work environments and new situations<br>Practical experience in the hospital environment gained during professional training<br>Effective communication skills developed through teaching activities<br>Strong organizational skills and the ability to plan and coordinate activities   |                  |    |                  |    |                  |    |                  |    |                  |  |           |  |         |  |          |  |          |  |         |  |                |    |                  |    |                  |    |                  |    |                  |    |                  |               |    |                  |    |                  |    |                  |    |                  |    |                  |

## Outstanding professional achievements

President of the Board of Directors – Louis Turcanu Emergency Children’s Hospital Timisoara.  
Chair of the organizing committee for national and international pediatric surgery congresses.  
Organizer of Central and Eastern European course in pediatric surgery from Timisoara.  
Romanian representative to the UEMS Section of Pediatric Surgery.

## International Fellowships

WOFAPS Fellowship – Cincinnati, USA (2012)  
IRCCS Burlo Garofolo Fellowship – Trieste, Italy (2006)  
EUPSA Fellowship – Graz, Austria (2004)

## Scientific manifestations

### Master publication list:

1. Popoiu TA, Pirvu CA, Popoiu CM, Iacob ER, Talpai T, et al. Gastrointestinal stromal tumors (GISTs) in pediatric patients: a case report and literature review. *Children (Basel)*. 2024.
2. Gherman A, Andrei D, Popoiu CM, Stoicescu ER, et al. Multidisciplinary telemedicine in healthcare during and after the COVID-19 pandemic: a narrative review. *Life*. 2025.
3. Iacob ER, Iacob R, Ghenciu LA, Popoiu TA, Stoicescu ER, Popoiu CM. Small scale, high precision: robotic surgery in neonatal and pediatric patients—a narrative review. *Children (Basel)*. 2024;11(3):270.
4. Catan L, Amaricai E, Onofrei RR, Suci O, Popoiu CM, et al. The impact of overweight and obesity on plantar pressure in children and adolescents: a systematic review. *Int J Environ Res Public Health*. 2020.
5. Amaricai E, Suci O, Horhat DI, Popoiu CM, et al. Assessment of static plantar pressure, stabilometry, vitamin D and bone mineral density in female adolescents with moderate idiopathic scoliosis. *Int J Environ Res Public Health*. 2020.
6. Gherman A, Stoicescu ER, Levai CM, Popoiu CM, et al. Low-tech telemedicine reduces caregiver burden and improves outcomes in older adults with chronic diseases: results from a prospective study in Romania. *Healthcare*. 2025.
7. Iacob ER, Catan L, Popoiu CM, et al. Respiratory function, functional capacity, and physical activity behaviours in children and adolescents with scoliosis. *J Int Med Res*. 2020.
8. Mada L, Manea AM, Boia ER, Neagu MN, Popoiu CM, et al. Does COVID-19 infection during pregnancy increase the appearance of congenital gastrointestinal malformations in neonates? *Biomedicines*. 2023.
9. Paduraru AA, Lupu MA, Popoiu CM, Stanculescu MC, et al. Cystic echinococcosis in hospitalized children from Western Romania: a 25-year retrospective study. *Biomedicines*. 2024.
10. Papurica M, Popovici SE, Bratu T, Popoiu CM, et al. MicroRNA expression is associated with sepsis disorders in critically ill polytrauma patients. *Cells*. 2018.
11. Negru M, Bolovan AD, Amaricai E, Catan L, Belei O, Lazarescu AE, Stanculescu CM, Boia ES, Popoiu CM. Static plantar pressure under different conditions in children with surgically treated unilateral slipped capital femoral epiphysis. *Children (Basel)*. 2024.
12. Gherman A, Levai CM, Hațegan OA, Popoiu CM, et al. Telemedicine-supported intervention versus standard care for managing cardiovascular risk factors in a socially deprived urban population: a prospective study. *Healthcare*. 2025.
13. Tepeneu NF, Popoiu CM, Iacob ER, Cerbu S, Belei O, Heredea R. Successful treatment of concurrent cholangiohydatis with obstructive jaundice and hepatothoracic transit in a pediatric patient. *Eur J Pediatr Surg Rep*. 2025.
14. Miclăuș RS, Cațan L, Cerbu S, Popoiu CM, et al. Assessment of children with pectus excavatum without surgical correction. *Wien Klin Wochenschr*. 2019.
15. Ataikiru UO, Iacob ER, Galinescu MC, Popoiu CM, Boia ES. A 10-year retrospective study of the risks and peculiarities in pediatric patients with paragonadal tumors and cysts. *Rom J Morphol Embryol*. 2024.
16. Berzava PL, Stanculescu MC, Popoiu CM, et al. VEGF pathway gene expression profile of proliferating versus involuting infantile hemangiomas: preliminary evidence and review of the literature. *Children (Basel)*. 2022.
17. Lungeanu D, Iacob ER, Popoiu CM, et al. Ultrasonographic findings of child acute appendicitis incorporated into a scoring system. *Singapore Med J*. 2022.
18. Lazarescu AE, Stanculescu CM, Boia ES, Popoiu CM, et al. Stabilometry in relation to hip and knee muscle force in children with surgically treated unilateral slipped capital femoral epiphysis. *Children (Basel)*. 2024.
19. Negru M, Catan L, Amaricai E, Lazarescu AE, Rezumes M, Stanculescu CM, Boia ES, Popoiu CM. The role of physical exercise in the rehabilitation of children with surgically treated unilateral slipped capital femoral epiphysis. *Balneo PRM Res J*. 2025.
20. Szentpeteri LA, Ciornei B, Popoiu CM, et al. The impact of the COVID-19 pandemic on the epidemiology and management strategies of forearm fractures in children—a retrospective study. *Children (Basel)*. 2024.
21. Raicov PC, Popoiu CM, Iacob ER, et al. Determination of the mechanical requirements for a progressive correction system of pectus excavatum in children. *J Laparoendosc Adv Surg Tech A*. 2005.
22. Lazarescu AE, Stanculescu CM, Catan L, Popoiu CM, et al. Case report of a unique intra-operative finding in a pediatric distal radius non-union. *Children (Basel)*. 2024.
23. Balint GS, Iovanescu G, Stanca H, Popoiu CM, Boia E, Popovici RA, Bolinteanu SL. The protective effect of HDL-cholesterol in patients with essential hypertension. *Rev Chim*. 2017;68(5):949-952.

24. Iacob ER, Popoiu CM, Nyiredi A, Mogoantă LT, Badea O, Boia ES. Mesenchymal hamartoma of the left liver lobe in an 18-month-old female patient. *Rom J Morphol Embryol.* 2016;57(2 Suppl):841-845.
25. Sorop VB, Bratu T, Ticlea M, Popoiu CM, et al. Nuclear transcription factor kappa B (NF-κB) and molecular damage mechanisms in acute cardiovascular diseases: a review. *J Mind Med Sci.* 2018.
26. Cerbu S, Popoiu CM. Assessment of children with pectus excavatum without surgical correction. 2018.
27. Marin I, Iurciuc M, Popescu FG, Iurciuc S, Popoiu CM, et al. Pulse wave velocity, a predictor of major adverse cardiovascular events, and its correlation with the general stress level of health care workers during the COVID-19 pandemic. *Medicina (Kaunas).* 2022.
28. Popoiu CM, Burian CA, Paunescu V, et al. Development of a high-performance anesthesia ventilator for research in small animals. *Int J Artif Organs.* 2014.
29. Velimirovici M, Popoiu AV, Cerbu S, Popoiu CM, et al. Intrathymic hemangioma: a challenging case report with special focus on the importance of its multidisciplinary approach. *Pediatr Rep.* 2025.
30. Stanculescu CM, Bortea IC, Popoiu CM, et al. Laparoscopic staged spermatic vessel-sparing procedure for intra-abdominal undescended testis. *J Pediatr Urol.* 2020.
31. Amaricai E, Onofrei RR, Iacob ER, Iacob D, Popoiu CM, et al. Functional capacity in children with femoral shaft fractures treated by titanium elastic nailing. *BMC Musculoskelet Disord.* 2019.
32. David VL, Neagu MC, Sosoi A, Stanculescu MC, Horhat FG, Stroescu RF, Popoiu CM, et al. Combined staged surgery and negative-pressure wound therapy for closure of a giant omphalocele. *Case Rep Surg.* 2021.
33. Ataikiru UO, Iacob ER, Popoiu CM, Boia ES, et al. Evaluation of lactate dehydrogenase tumor marker in children with gonadal germ cell tumor, epithelial tumor, sex stromal tumor, paragonadal tumor, and cyst. *Indian J Pediatr.* 2021;88:1048.
34. Boia ES, Holcomb GW 3rd, Popoiu CM, et al. The surgical treatment of pectus excavatum in children. *J Pediatr Surg.* 2004.
35. Sosoi A, David VL, Popoiu CM, Boia ES. Intra-abdominal undescended testicle: current trends and management. *Jurnalul Pediatriei.* 2020.
36. Protesa VA, Popoiu TA, Stanculescu MC, et al. Available reconstruction methods of nerve injuries-a literature review. *Jurnalul Pediatriei.* 2020.
37. David VL, Stroescu RF, Popoiu CM, Boia M, et al. Urinary obstruction due to fungal infection in two preterm siblings. *Int J Infect Dis.* 2016.
38. Ataikiru UO, Iacob ER, Popoiu CM, Fuciu P, et al. Malignant juvenile and adult ovarian granulosa cell tumors in pediatric patients-report of two cases. *Jurnalul Pediatriei.* 2020.
39. Ataikiru UO, Iacob ER, Popoiu CM, et al. Repetitive ovarian torsion as warning sign of serous and mucinous cystadenoma in children-report of two cases. *Jurnalul Pediatriei.* 2020.
40. Boia ES, Popoiu MC, Puiu M, Stanculescu CM, David VL. Antley-Bixler syndrome: surgical management of ambiguous genitalia-a case report. *Med Princ Pract.* 2014;23(4):384-386. doi:10.1159/000356857.
41. Gruescu ACS, Popoiu C, Levai MC, Tudor R, Fericean RM, Rivis M. A cross-sectional assessment of parental concerns in the pediatric surgery department during the COVID-19 pandemic. *Healthcare (Basel).* 2023;11(9):1330. doi:10.3390/healthcare11091330.
42. Lelcu T, Bîna AM, Dănilă MD, Popoiu CM, Aburel OM, Arghirescu ST, Borza C, Muntean DM. Assessment of platelet mitochondrial respiration in a pediatric population: a pilot study in healthy children and children with acute lymphoblastic leukemia. *Children (Basel).* 2021;8(12):1196. doi:10.3390/children8121196.
43. Iacob ER, Iacob R, Ghenciu LA, Popoiu TA, Stoicescu ER, Popoiu CM. Small scale, high precision: robotic surgery in neonatal and pediatric patients-a narrative review. *Children (Basel).* 2024;11(3):270. doi:10.3390/children11030270.
44. Ataikiru UO, Iacob ER, Popoiu CM, et al. Evaluation of lactate dehydrogenase tumor marker in children with gonadal germ cell tumor, epithelial tumor, sex stromal tumor, paragonadal tumor, and cyst. *Indian J Pediatr.* 2021;88:1048. doi:10.1007/s12098-021-03872-9.
45. Popoiu MC, Popoiu AV. Malformațiile peretelui toracic anterior la copil: diagnostic și tratament. *Timișoara: Eurostampa;* 2002.
46. Popoiu MC, Popoiu A, David A, Timofte A, David VL, Boia ES. Psychological aspects in children with anterior chest wall deformities. *Jurnalul Pediatriei.* 2010;13(Suppl):7.
47. Popoiu MC, David VL, Puiu M, Popoiu A, Boia ES, Dan D, Rusu C. Skeletal disturbances in patients with Prader-Willi syndrome. 2010.
48. Olariu TR, Șuta LM, Popoiu CM, Ledeti I, Simu GM, Savoiu G, Fuliș A. Alternative synthesis of paracetamol and aspirin under non-conventional conditions. *Rev Chim (Bucharest).* 2014;65(6):621-623.
49. Balint GS, Boruga O, Iovanescu G, Popovici RA, Bolintineanu SL, Mihaescu R, Popoiu CM, Boia E, Petrus A, Andoni M, et al. The effects of Hg<sup>2+</sup> on endothelial function in electronic cigarette smokers with coronary artery disease. *Rev Chim.* 2017;68(4):711-714. doi:10.37358/RC.17.4.5536.
50. Balint GS, Iovanescu G, Stanca H, Popoiu CM, Boia E, Popovici RA, Bolintineanu SL. The protective effect of HDL- cholesterol in patients with essential hypertension. *Rev Chim.* 2017;68(5):949-952. doi:10.37358/RC.17.5.5587

#### Invited speaker

- European Pediatric Surgery Association (EUPSA)  
Lecture: Advances in minimally invasive pediatric surgery- Conferința Națională de Pediatrie, Urgențe în Pediatrie, Boli cronice în Pediatrie, București, 21-24.03.2012

- World Federation of Associations of Pediatric Surgeons (WOFAPS)  
Lecture: Pediatric surgical trauma management
- Central & Eastern European Course in Pediatric Surgery – Timisoara  
Lecture: Thoracoscopic surgery in children
- National Congress of Pediatric Surgery – Romania  
Keynote: Modern approaches in pediatric surgical pathology
- International Innovation Salon – Traian Vuia  
Presentation: Medical technological innovation in pediatric care

**Research projects**

International project manager HURO Cross-Border Programme (2012–2013).  
 Project manager – Romanian National Research Programme on genetic and epigenetic aspects of Prader-Willi and Angelman syndromes.  
 Partner investigator – European Initiative for Cleft and Craniofacial Care.  
 Member in research project on the role of Vitamin D in vascular function.  
 Evaluator for COST European scientific projects.

**Clinical studies**

Principal Investigator in international multicenter clinical trials evaluating treatments for pediatric skin and soft tissue infections.  
 Study coordinator in clinical trials addressing complicated urinary tract infections and intra-abdominal infections.  
 Sub-investigator in international trials evaluating treatments for pediatric burn injuries.  
 ResearcherID: P-6057-2016  
 ORCID: 0000-0002-2535-2948

**Member of Medical Scientific Societies**

- național**
  - Romanian Society of Pediatric Surgery
  - Romanian Society of Pediatric Orthopedics
- international**
  - WOFAPS – World Federation of Associations of Pediatric Surgeons
  - EUPSA – European Pediatric Surgery Association
  - European Human Genetics Society