



Mihaela Popescu-Moraru

Cetățenie: română **Gen:** feminin **Adresă:** Bd. Mărăști nr. 17, Sector 1, București, România

Medic primar cardiolog · Șef de lucrări, Disciplina Cardiologie

Spitalul Universitar de Urgență Elias — Facultatea de Medicină, UMF „Carol Davila”, București

• EXPERIENȚĂ PROFESIONALĂ

2020 – PREZENT

Sef de lucrări

Disciplina Cardiologie, Spitalul Universitar de Urgență Elias, Facultatea de Medicină, UMF „Carol Davila”, București

2011 – 2020

Asistent universitar

Disciplina Cardiologie, Spitalul Universitar de Urgență Elias, Facultatea de Medicină, UMF „Carol Davila”, București

ANTERIOR ANULUI 2011

Preparator universitar

Catedra de Fiziologie, UMF „Carol Davila”, București

• EDUCAȚIE ȘI FORMARE

2026

CLIMB: AI in the Practice of Cardiology (program internațional, admisă prin selecție)

Women As One; directori de program: Dipti Itchhaporia, MD și Jeffrey Bander, MD

2022 – 2024

MSc in Clinical Trials (MSc Merit Degree)

University of Oxford, Nuffield Department of Public Health

2023

Atestat de Abilitare (nr. 4005/20.04.2023)

UMF „Carol Davila”, București

2013 – 2018

Medic primar cardiologie

Spitalul Universitar de Urgență Elias, București

2008 – 2013

Medic specialist cardiologie

Ministerul Sănătății

2008 – 2011

Doctor în Medicină (PhD)

UMF „Carol Davila”, București — Teză: „Dinamica celulelor progenitoare medulare în preconditionarea anestezică indusă de sevofluran”

09.2004 – 02.2005

Bursă ERASMUS — Cardiologie, Pneumologie

Cardiff University – College of Medicine, Cardiff, Regatul Unit

2001 – 2007

Medic — Medicină Generală

UMF „Carol Davila”, București

• COMPETENȚE LINGVISTICE

Limbă maternă: Română

	COMPREHENSIUNE		VORBIT		SCRIS
	Comprehenșiune orală	Citit	Producerea de mesaje orale	Conversație	
ENGLEZĂ	C2	C2	C2	C2	C2
FRANCEZĂ	B2	B2	B2	B2	B1
GERMANĂ	A2	A2	A2	A2	A2

Certificare: Cambridge Certificate of Proficiency in English (C1). Niveluri CEFR: A1/A2 — utilizator elementar; B1/B2 — utilizator independent; C1/C2 — utilizator experimentat.

• COMPETENȚE DIGITALE

Microsoft Office (Word, Excel, PowerPoint) | Adobe Photoshop | Axio Vision | SPSS

• ACTIVITATE ȘTIINȚIFICĂ — INDICATORI BIBLIOMETRICI

Citări totale: peste 1.280 (Google Scholar).

Indice Hirsch (h-index): 16 (Google Scholar); 13 (Web of Science).

• CĂRȚI ȘI CAPITOLE DE CARTE

Cărți (autor unic)

- Small textbook on myocardial preconditioning. **Mihaela Popescu**. KF&T Kft, Hungary, ISBN 978-615-6056-02-3, 2019.

Tratate — capitole (autor unic)

- Ultrasonografie Clinică — Tratat de principii și practică ecografică. Capitolul 31 (Ecografia arterelor membrelor) și Capitolul 32 (Ecografia venelor membrelor). **Mihaela Popescu**. Editura Medicală, ISBN 978-973-39-0873-9 — în curs de publicare.

Tratate — capitole (coautor)

- Ultrasonografie Clinică — Tratat de principii și practică ecografică. Capitolul 35. Liviu N. Ghilencea, Andreea Catarina Popescu, **Mihaela Roxana Popescu**. Editura Medicală, ISBN 978-973-39-0873-9 — în curs de publicare.

Cursuri universitare — capitole (autor unic)

- Cardiovascular System Physiology. A practical approach. Capitolele 3–6, pg. 27–116. **Mihaela Popescu**. Editura Universitară Carol Davila, ISBN 978-606-011-122-1, 2020.
- Physiology of the blood, Respiratory system, Kidney and Acid-Base Equilibrium. Capitolul 3, pg. 53–78. Editura Universitară Carol Davila, ISBN 978-606-011-122-1, 2020.

Cursuri universitare — capitole (coautor)

- Curs de cardiologie anul IV. Capitolul IV, pg. 65–74. **Mihaela Popescu**, Doina Dimulescu. Editura Universitară Carol Davila, 2016.
- Cardiovascular System Physiology — A practical approach. Capitolul 8, pg. 137–164. Radu Braga, **Mihaela Popescu**. Editura Universitară Carol Davila, ISBN 978-606-011-122-1, 2020.
- Physiology of the blood, Respiratory system, Kidney and Acid-Base Equilibrium. Capitolul 1, pg. 6–29. Denise Zahiu, **Mihaela Popescu**. Editura Universitară Carol Davila, ISBN 978-606-011-122-1, 2020.

• ARTICOLE ȘTIINȚIFICE PUBLICATE

Articole în reviste ISI cu factor de impact

- Colchicine for the Prevention of Major Adverse Cardiovascular Events After Acute Coronary Syndromes: A Systematic Review and Meta-Analysis of Large, Long-Term, Placebo-Controlled Randomized Trials. **Roxana Mihaela Popescu**, Ruxandra Dragoi Galrinho, Manan Pareek, Dharmaraj Karthikesan, George Dumitrescu, Serban Mihai Balanescu, Dragoș Vinereanu. J. Clin. Med. 2026, 15(7), 2695. <https://doi.org/10.3390/jcm15072695>
- C-Reactive Protein and Long-Term Risk of Death in Patients with Myocardial Infarction. Julie Borchsenius, Kristian H. Kragholm, Deepak L. Bhatt, Martin Bødtker Mortensen, Alexander Egeberg, Carlo Alberto Barcella, Christoffer Polcwiartek, Maria Dons, Ditte Vesterlev, Adam Femerling, Caroline Espersen, Majid Afzal, Johanna Maria Christina Frary, Christina Byrne, Monija Mrgan, **Roxana Mihaela Popescu**, Arman Qamar, Michael Hecht Olsen, Lars Køber,

Christian Torp-Pedersen, Gunnar H. Gislason, Tor Biering-Sørensen, Manan Pareek. *Cardiology*. 2026 May 29:1–19. doi: 10.1159/000551869

3. NT-proBNP, Echocardiography Patterns and Outcomes in Sepsis-Induced Cardiac Dysfunction. Catalina Paraschiv, Denisa Oana Nicolaescu, **Roxana Mihaela Popescu**, Laura Barbalata, Emanuel Moisa, Silviu Negoita, Andreea Catarina Popescu, Serban Mihai Balanescu. *Journal of Clinical Medicine*. 14(24)2025. <https://doi.org/10.3390/jcm14248714>
4. Current challenges in understanding, diagnosing and managing sepsis-induced cardiac dysfunction. C.A. Paraschiv, C. Moraru (**M.R. Popescu**), L.F. Paduraru, C.A. Palcau, A.C. Popescu. *Journal of Critical Care*, 2025. <https://doi.org/10.1016/j.jcrc.2025.155250>
5. Laboratory and Microbiological Considerations in Sepsis-Induced Cardiac Dysfunction. Catalina Paraschiv, Denisa Oana Nicolaescu, **Mihaela Roxana Popescu**, Carmen Cristina Vasile, Emanuel Moisa, Silviu Ioan Negoita, Serban Mihai Balanescu. *Medicina* 2025, 61(10), 1765. <https://doi.org/10.3390/medicina61101765>
6. Peripheral Arterial Disease in the Context of Acute Coronary Syndrome: A Comprehensive Analysis of Its Influence on Ejection Fraction Deterioration and the Onset of Acute Heart Failure. Gherasie, F.-A.; **Popescu, M.-R.**; Achim, A.; Bartos, D. *J. Pers. Med.* 2024, 14, 251. <https://doi.org/10.3390/jpm14030251>
7. A Cross-Sectional Study on the Role of a Lab Test Screening Program in Defining Cardiovascular Disease Risk Prevalence. Curici, A.; **Popescu, M.R.**; Pîrvuleț, V.A.; Marinescu, G.-I.; Ionescu, A.C. *J. Pers. Med.* 2024, 14, 284. <https://doi.org/10.3390/jpm14030284>
8. Acute Coronary Syndrome: Disparities of Pathophysiology and Mortality with and without Peripheral Artery Disease. Gherasie, F.-A.; **Popescu, M.-R.**; Bartos, D. *J. Pers. Med.* 2023, 13, 944. <https://doi.org/10.3390/jpm13060944>
9. Neurological Manifestations of SARS-CoV-2 Infection: A Narrative Review. Bogdan Pavel, Ruxandra Moroti, Ana Spataru, **Mihaela Roxana Popescu**, Anca Maria Panaitescu, Ana-Maria Zagrean. *Brain Sciences* 2022, 11(12): 1531. <https://doi.org/10.3390/brainsci12111531>
10. Pulmonary alveolar proteinosis and pregnancy. Review of literature and case presentation. Brindusa Cimpoca, Anca Maria Panaitescu, Nicolae Gica, George Iancu, Radu Botezatu, **Mihaela Roxana Popescu**, Bogdan Pavel. *Medicina* 2022, 58(8), 984. <https://doi.org/10.3390/medicina58080984>
11. Echocardiography in the diagnosis of cardiomyopathies: Current status and future directions. Livia Trasca, **Mihaela Roxana Popescu**, Andreea Catarina Popescu, Serban Mihai Balanescu. *Rev. Cardiovasc. Med.* 2022; 23(8): 280. <https://doi.org/10.31083/j.rcm2308280>
12. Early Echocardiographic Predictors for Atrial Fibrillation Propensity: The Left Atrium Oracle. Lavinia-Lucia Matei, **Roxana-Mihaela Popescu**, Andreea Catarina Popescu, Șerban Mihai Bălănescu. *Rev. Cardiovasc. Med.* 2022, 23(6), 205. <https://doi.org/10.31083/j.rcm2306205>
13. Pregnancy complications lead to subclinical maternal heart dysfunction — the importance and benefits of follow-up using speckle tracking echocardiography. **Mihaela Roxana Popescu**, Alexandra Bouariu, Anca Marina Ciobanu, Nicolae Gică, Anca Maria Panaitescu. *Medicina* 2022, 58(2), 296. <https://doi.org/10.3390/medicina58020296>
14. An interrupted protocol of anesthetic preconditioning effectively protects the myocardium against ischemia/reperfusion injury. **Mihaela Roxana Popescu**, Bogdan Pavel, Gheorghita Isvoranu, Laura Ceafalan, Anca Maria Panaitescu, Ruxandra Irina Sava, Adelina Vlad, Leon Zagrean. *Appl. Sci.* 2022, 12, 1476. doi: 10.3390/app12031476
15. The Potential Benefit of Hydroxychloroquine in Chronic Placental Inflammation of Unknown Etiology Associated with Adverse Pregnancy Outcomes. Alexandra Bouariu, Nicolae Gică, Anca Marina Ciobanu, Ana Maria Scutelnicu, **Mihaela Roxana Popescu**, Anca Maria Panaitescu. *Healthcare* 2022, 10(1), 168. <https://doi.org/10.3390/healthcare10010168>
16. Inflammation as A Precursor of Atherothrombosis, Diabetes and Early Vascular Aging. Barbu E, **Popescu M-R**, Popescu A-C, Balanescu S-M. *Int. J. Mol. Sci.* 2022, 23(2), 963. <https://doi.org/10.3390/ijms23020963>
17. Pregnancy Complications Can Foreshadow Future Disease — Long-Term Outcomes of a Complicated Pregnancy. Anca Maria Panaitescu, **Mihaela Roxana Popescu**, Anca Marina Ciobanu, Nicolae Gica, Brindusa Ana Cimpoca-Raptis. *Medicina* 2021, 57(12), 1320. <https://doi.org/10.3390/medicina57121320>
18. Antiviral immunity in SARS-CoV-2 infection: from protective to deleterious responses. Grigore Mihaescu, Mariana Carmen Chifiriuc, Corneliu Ovidiu Vrancianu, Marian Constantin, Roxana Filip, **Mihaela Roxana Popescu**, Gratiela Gradisteanu Pircalaboriu. *Microorganisms* 2021, 9(12), 2578. <https://doi.org/10.3390/microorganisms9122578>
19. Platelet changes in pregnancies with severe early fetal intrauterine growth restriction. Anca Marina Ciobanu, Anca Maria Panaitescu, Nicolae Gica, Ana Maria Scutelnicu, Alexandra Bouariu, **Mihaela Popescu**. *Medicina* 2021, 57(12), 1355. <https://doi.org/10.3390/medicina57121355>
20. Phenotyping the Prediabetic Population — A Closer Look at Intermediate Glucose Status and Cardiovascular Disease. Barbu E, **Popescu M-R**, Popescu A-C, Balanescu S-M. *Int. J. Mol. Sci.* 2021; 22(13): 6864. <https://doi.org/10.3390/ijms22136864> (IF = 5.5)
21. Treatment of Fetal Arrhythmias. Veduta A., Panaitescu A.M., Ciobanu A.M., Neculcea D., **Popescu M.R.**, Peltecu G., Cavoretto P. *Journal of Clinical Medicine*, 2021, 10(11), 2510. <https://doi.org/10.3390/jcm10112510> (IF = 3.7)
22. The E/e' ratio — role in risk stratification of acute heart failure with preserved ejection fraction. Marilena-Brîndușa Zamfirescu, Liviu-Nicolae Ghilencea, **Mihaela-Roxana Popescu**, Gabriel Cristian Bejan, Sean Martin Maher, Andreea-Catarina Popescu, Maria Dorobanțu. *Medicina* 2021; 57(4): 375. <https://doi.org/10.3390/medicina57040375> (IF = 2.2)
23. A practical risk score for prediction of early readmission after a first episode of acute heart failure with preserved ejection fraction. Marilena-Brîndușa Zamfirescu, Liviu Nicolae Ghilencea, **Mihaela-Roxana Popescu**, Gabriel

Cristian Bejan, Ileana Maria Ghiordanescu, Andreea-Catarina Popescu, Saul G. Myerson, Maria Dorobanțu. *Diagnostics* 2021, 11(2), 198. <https://doi.org/10.3390/diagnostics11020198> (IF = 3.7)

24. Incidence of hypertensive disorders of pregnancy in Romania. Panaitescu AM, Ciobanu AM, **Popescu MR**, Huluta I, Botezatu R, Peltecu G, Gica N. *Hypertens Pregnancy*. 2020 Aug 6:1–6. doi: 10.1080/10641955.2020.1801718 (IF = 2.3)
25. Melatonin's Impact on Antioxidative and Anti-Inflammatory Reprogramming in Homeostasis and Disease. Chitimus DM, **Popescu MR**, Voiculescu SE, Panaitescu AM, Pavel B, Zagrean L, Zagrean AM. *Biomolecules*. 2020 Aug 20; 10(9): E1211. doi: 10.3390/biom10091211 (IF = 4.9)
26. Getting an Early Start in Understanding Perinatal Asphyxia Impact on the Cardiovascular System. **Mihaela Roxana Popescu**, Panaitescu AM, Pavel B, Zagrean L, Peltecu G, Zagrean AM. *Front Pediatr*. 2020 Feb 26; 8:68. doi: 10.3389/fped.2020.00068 (IF = 3.3)
27. A Broader Perspective on Anti-Ro Antibodies and Their Fetal Consequences — A Case Report and Literature Review. **Mihaela Roxana Popescu**, Andreea Dudu, Ciprian Jurcut, Anca Marina Ciobanu, Ana-Maria Zagrean, Anca Maria Panaitescu. *Diagnostics* 2020, 10, 478. doi: 10.3390/diagnostics10070478 (IF = 3.7)
28. Acute Myocardial Infarction Mortality Rates and Trends in Romania between 1994 and 2017. Sorin Ioacara, Andreea C. Popescu, Joseph Tenenbaum, Doina R. Dimulescu, **Mihaela R. Popescu**, Anca Sirbu, Simona Fica. *Int. J. Environ. Res. Public Health* 2020, 17, 285. doi: 10.3390/ijerph17010285 (IF = 3.39)
29. Type I Kounis syndrome after protracted anaphylaxis and myocardial bridge — brief literature review and case report. Liviu Ghilencea, **Mihaela R. Popescu**, Ileana M. Ghiordanescu, Cristina Conea, Mihai Melnic, Andreea-Catarina Popescu. *Diagnostics* 2020, 10, 59. doi: 10.3390/diagnostics10020059 (IF = 3.7)
30. Dysfunctional high-density lipoproteins have distinct composition, diminished anti-inflammatory potential and discriminate acute coronary syndrome from stable coronary artery disease patients. Mihaela G. Carnuta, Camelia S. Stancu, Laura Toma, Gabriela M. Sanda, Loredan S. Niculescu, Mariana Deleanu, Andreea C. Popescu, **Mihaela R. Popescu**, Adelina Vlad, Doina R. Dimulescu, Maya Simionescu, Anca V. Sima. *Sci Rep*. 2017. doi: 10.1038/s41598-017-07821-5 (IF = 4.17)
31. Hyperglycemia determines increased specific microRNAs levels in sera and HDL of acute coronary syndrome patients and stimulates microRNAs production in human macrophages. Loredan S. Niculescu, Natalia Simionescu, Gabriela M. Sanda, Mihaela G. Carnuta, Camelia S. Stancu, Andreea C. Popescu, **Mihaela R. Popescu**, Adelina Vlad, Doina R. Dimulescu, Maya Simionescu, Anca V. Sima. *PLoS ONE* 11(8): e0161201. doi: 10.1371/journal.pone.0161201, Aug 2016.
32. miR-486 and miR-92a Identified in Circulating HDL Discriminate between Stable and Vulnerable Coronary Artery Disease Patients. Loredan S. Niculescu, Natalia Simionescu, Gabriela M. Sanda, Mihaela G. Carnuta, Camelia S. Stancu, Andreea C. Popescu, **Mihaela R. Popescu**, Adelina Vlad, Doina R. Dimulescu, Maya Simionescu, Anca V. Sima. *PLoS ONE* 10(10): e0140958. doi: 10.1371/journal.pone.0140958, Oct 2015.

Articole în reviste ISI / indexate (fără factor de impact declarat)

1. The impact of bariatric surgery on diabetes and other cardiovascular risk factors. Elena Lechea, **Mihaela Popescu**, Doina Dimulescu, Daniela Godoroja, Catalin Copaescu. *Chirurgia*, No. 6, pg. 725–731. DOI 10.21614/chirurgia.114.6.725, 2019.
2. Early Low Level of Procalcitonin Is Associated with a Favorable Outcome in a Case of a Surviving Patient with 80% Body Surface Area Thermal Burn. Bogdan Pavel, **Mihaela Roxana Popescu**, Daria Skolozubova, Elena Flutur, Vlad Mihai Voiculescu, Ariana Cristina Brezeanu. *American Journal of Case Reports*. Vol. 22, 2021/11/26.
3. SARS-CoV-2 infection in pregnancy and risk of stillbirth. Gheorghe Peltecu, Anca Maria Panaitescu, Dalila-Ana Toma, Nicolae Gica, Brindusa Cimpoa Raptis, Anca Ciobanu, **Mihaela Roxana Popescu**, Radu Botezatu. *Romanian Journal of Infectious Diseases*, 2021, 24. DOI: 10.37897/RJID.2021.S.16
4. Recurrent Congenital Heart Block Due to Maternal Anti-Ro Antibodies: Successful Prevention of Poor Pregnancy Outcome with Hydroxychloroquine and Added Dexamethasone. Cimpoa-Raptis B., Ciobanu A.M., Gica N., Scutelnicu A.M., Bouariu A., **Popescu M.**, Panaitescu A.M. *Reprod. Med.* 2022, 3, 36–41. doi: 10.3390/reprodmed3010004
5. Correlation between Heart Rate Variability and Claustrum Stimulation — Hypothesis, Experimental Studies and Future Perspectives. Bogdan Pavel, **Mihaela Roxana Popescu**, Carmen-Denise-Mihaela Zahiu, Patricia Demetria Popovici, Diana-Andreea Ilie, Madalina Gherghe, Leon Zagrean, Ana-Maria Zagrean. *Romanian Journal of Cardiology*. Vol. 31, nr. 2, 2021. <https://doi.org/10.47803/rjc.2021.31.3.529>
6. Leukocytoclastic vasculitis induced by immunotherapy for advanced lung cancer: a case report. Mădălina Popa, Calin Giurcaneanu, Liliana Gabriela Popa, **Mihaela Roxana Popescu Moraru**, Tiberiu Tebeica, Maria Barbu, Cornelia Nitipir, Mara Mădălina Mihai. *Paliatia*, ISSN 1844-7058, Vol. 13, nr. 1, 2020.
7. Current opinions on PIGF and sFlt-1 as reliable markers for preeclampsia. Alexandra Bouariu, **Mihaela Popescu**, George Iancu, Radu Botezatu, Nicolae Gica, Gheorghe Peltecu, Anca Maria Panaitescu. *Ginecologia.ro*, pg. 24–27, No. 26 (4) 2019. DOI: 10.26416/Gine.26.4.2019
8. ESH Summer school 2017 in retrospect. **M Popescu**. *J Hypertens Res* (2017) 3(3): 105–107. ISSN print 2457-3906, ISSN online 2559-4567, ISSN-L 2457-3906.
9. An unexpected complication of appendicitis — a case report. **Popescu M**, Miron A, Nadragea M, Ghilencea L, Dimulescu D. *Journal of Surgical Sciences*, Vol. 2, nr. 3. <https://doi.org/10.33695/jss.v2i3.127>, Sept 2015.
10. Spontaneous retroperitoneal hematoma associated with antithrombotic treatment for acute myocardial infarction — a case report. **Popescu M**, David A, Miron A, Giulea C, Popescu A, Dimulescu D. *Journal of Surgical Sciences*, Vol. 2, nr. 3. <https://doi.org/10.33695/jss.v2i3.127>, Sept 2015.

11. Renovascular hypertension in the young, an indirect cause for upper gastrointestinal bleeding — a case report. **Popescu Mihaela**, Ghilencea Liviu, Dimulescu Doina. *J Hypertens Res* (2015) 1(2): 101–104.
12. Myocardial Protection with Sevoflurane in Patients with Cardiac Risk Undergoing Non-cardiac Surgery. M Rely, D Madalina, S Negoita, **Popescu Mihaela**, V Calu, Corneci D, L Azamfirei. *Acta Medica Marisiensis* 2012; 58(5): 308–312.
13. Dynamics of endothelial progenitor cells following sevoflurane preconditioning. **Mihaela Popescu**, Adelina Munteanu, Gheorghita Isvoranu, Laura Suci, Bogdan Pavel, Bogdan Marinescu, Leon Zagrean. *Romanian Archives of Microbiology and Immunology*, Vol. 70 / No. 3 / 2011.
14. Myocardial Preconditioning with Volatile Anesthetics: a mechanistic insight. **Mihaela Popescu**, Adelina Munteanu. *Journal of Medicine and Life*, Vol. IV / Special Issue / 2011.
15. Anesthetic preconditioning in cardiac and non-cardiac surgery. **Mihaela Popescu**, Ana-Maria Rădulescu, Ruxandra Sava, Adelina Munteanu, Rely Manolescu. *Clujul Medical*, Vol. 84 / 2011.

• REZUMATE PREZENTATE LA CONFERINȚE

Rezumate în reviste cu factor de impact

1. Sepsis-induced cardiac dysfunction: echocardiographic patterns and outcome implications. Paraschiv C, Nicolaescu DO, **Popescu Moraru RM**, Barbu E, Matei AMA, Moisa E, Negoita S, Balanescu SM. *ESC Congress 2025*.
2. Is bariatric surgery a treatment for hypertension and for the other components of the metabolic syndrome? Elena Lechea, **Mihaela Popescu**, Rodica Ploesteanu, Doina Dimulescu, Catalin Copaescu. *PP.08.38, ESH-ISH Joint Meeting On-Air*, 11–14 April 2021.
3. Is bariatric surgery also a cure for obesity-associated co-morbidities? Elena Lechea, **Mihaela Popescu**, Doina Dimulescu, Catalin Copaescu. *P15, Virtual IFSO-EC 2020 Conference*, 21–23.05.2020, Prague, Czech Republic.
4. Interrupted administration of sevoflurane improves circulating levels and functional properties of endothelial progenitor cells in patients undergoing coronary angioplasty. A Vlad, L Niculescu, C Stancu, **M Popescu**, I Stanca, D Corneci, L Ceafalan, M Gilca, M Surcel, AC Popescu, D Dimulescu. *Acta Physiologica*, Vol. 227, pg. 169–170, 2019.
5. Augmented Survival, Angiogenic Properties and Mobilization of Human Endothelial Progenitor Cells Following Exposure to Sevoflurane. Adelina Vlad, Loredan Niculescu, Camelia Stancu, **Mihaela Popescu**, Ionut Stanca, Dan Corneci, Laura Ceafalan, Marilena Gilca, Mihaela Surcel, Andreea Popescu, Doina Dimulescu. *The FASEB Journal*, Vol. 33, 1_Supplement, 2019.
6. Pre-procedural administration of sevoflurane increases the levels of endothelial progenitor cells in patients undergoing coronary angioplasty. **M. Popescu**, I. Stanca, C. Stancu, L. Niculescu, M. Galca, L. Ceafalan, D. Corneci, A.C. Popescu, D.R. Dimulescu, A. Vlad. *European Heart Journal*, Vol. 38, Issue suppl. 1, 1 Aug 2017. <https://doi.org/10.1093/eurheartj/ehx504.P4295>
7. Sevoflurane Increases Mobilization of Endothelial Progenitor Cells in Rats and Coronary Artery Disease Patients. Adelina Vlad, **Mihaela Popescu**, Ionut Stanca, Dan Corneci, Camelia Stancu, Loredan Niculescu, Gheorghita Isvoranu, Laura Ceafalan, Andreea Catarina Popescu, Doina Dimulescu. *The FASEB Journal*, Vol. 31, no. 1 Supplement Ib664, April 2017.
8. Plasma levels and functional properties of human endothelial progenitor cells following exposure to sevoflurane. Bogdan Pavel, Marilena Gilca, Laura Ceafalan, Camelia Stancu, Loredan Niculescu, Eugen Andrei, **Mihaela Popescu**, Ionut Stanca, Mihai Melnic, Andreea Popescu, Dan Corneci, Doina Dimulescu, Adelina Munteanu Vlad. *Physiology 2016, Joint Meeting APS / The Physiological Society*, 29–31 July 2016, Dublin, Ireland.
9. A case of Food-Dependent Exercise Induced Anaphylaxis (FDEIA) – Cholinergic urticaria overlap syndrome in a 20-year-old football player. Ghiordanescu IM, RS Bumbacea, Deaconu C, Popescu M. *Clinical and Translational Allergy* 2017, 7(Suppl 1): PP164 (FAAM, Rome 2016).
10. Anesthetic preconditioning increases the number of cultured EPCs isolated from patients with coronary artery disease. Adelina Vlad, Camelia Stancu, Loredan Niculescu, Eugen Andrei, Ioana Stefanescu, Ionut Stanca, **Mihaela Popescu**, Andreea Popescu, Dan Corneci, Doina Dimulescu. *Conferinta Societatii Nationale de Stiinte Fiziologice 2016*, 26–28 May, Craiova; *Physiology 2016 supplement*.
11. Hyperglycemia increases microRNAs in circulating HDL from acute coronary syndrome patients and modulates miRNA processing machinery in human macrophages. L.S. Niculescu, N. Simionescu, G.M. Sanda, M.G. Carnuta, C.S. Stancu, A.C. Popescu, **R.M. Popescu**, A. Vlad, D.R. Dimulescu, M. Simionescu, A.V. Sima. *Atherosclerosis*, Sept 2016, Vol. 252, e82. DOI: 10.1016/j.atherosclerosis.2016.07.504
12. Specific circulating microRNAs levels associate with hypertension, hyperglycemia and dysfunctional HDL in acute coronary syndrome patients. Niculescu L.S., N. Simionescu, G.M. Sanda, M.G. Cărnuță, C.S. Stancu, A.C. Popescu, **M.R. Popescu**, A. Vlad, D.R. Dimulescu, A.V. Sima. *4th Frontiers in Cardiovascular Biology*, Florence, 8–10 July 2016, *Cardiovascular Research*, 111(Suppl 1): S56–S81, 2016. DOI: 10.1093/cvr/cvw149
13. MiR-486 and miR-92a identified in HDL subfractions discriminate between stable and vulnerable coronary artery disease patients. Simionescu N., Niculescu L.S., Sanda G.M., Popescu A.C., **Popescu M.R.**, Munteanu A., Dimulescu D.R., Sima A.V. *15th FEBS Young Scientists' Forum and 40th FEBS Congress*, Berlin, 2–9 July 2015. *FEBS J.* 282(S1): 217, 2015 (IF 4.001).
14. Circulating miRNA and the severity of coronary artery disease. Niculescu LS, Simionescu N, Popescu AC, **Popescu MR**, Dimulescu DR, Simionescu M, Sima A. *European Heart Journal* 2014; 35: 223.

15. In search for novel prognostic markers for coronary artery disease. **M. Popescu**, CS. Stancu, D. Deleanu, L. Niculescu, N. Simionescu, A. Vlad, AC. Popescu, D. Dimulescu, AV. Sima. Cardiovascular Research, Vol. 103 / Supplement 1 / 2014, S44–S45. doi: 10.1093/cvr/cvu082.181
16. Delayed Sevoflurane Preconditioning Enhances Endothelial Progenitor Migration in the Ischemia/Reperfusion (I/R) Injured Myocardium. AV Munteanu, **M Popescu**, G Isvoranu, L Ceafalan. The FASEB Journal, 2013, Vol. 27 no. 1 Supplement Ib694.
17. Endothelial progenitor cells mobilization and increased levels in the injured myocardium after sevoflurane preconditioning. **M. Popescu**, A. Vlad, G. Isvoranu, L. Suciuc, B. Marinescu, D. Dimulescu, L. Zagrean. Cardiovascular Research, Vol. 93 / Supplement 1 / 2012.

Rezumate în reviste fără factor de impact

1. Plasma levels and functional properties of human endothelial progenitor cells following exposure to sevoflurane. B. Pavel, M. Gilca, L. Ceafalan, C. Stancu, L. Niculescu, E. Andrei, **M. Popescu**, I. Stanca, M. Melnic, A. Popescu, D. Corneci, D. Dimulescu, A. Vlad. Physiology 2016 (Dublin, Ireland), Proc Physiol Soc 37, PCB085.

Rezumate în volume cu ISBN

1. Considerente microbiologice și de laborator în disfuncția cardiacă indusă de sepsis. Paraschiv C, Nicolaescu DO, **Popescu Moraru RM**, Barbu E, Palcau CA, Radu C, Moisa E, Negoita S, Popescu AC, Balanescu SM. Congresul Național de Cardiologie 2025.
2. Date clinice, paraclinice și ecocardiografice la pacienții critici cu disfuncție cardiacă indusă de sepsis — mai mult decât o simplă afectare sistolică de ventricul stâng. Paraschiv C, Nicolaescu DO, **Popescu Moraru RM**, Barbu E, Matei AMA, Moisa E, Negoita S, Popescu AC, Balanescu SM. Congresul Național de Cardiologie 2025.
3. Paraoxonase 1, Oxidation Products and ApoA-II Levels in HDL3 Discriminate between Acute Coronary Syndrome and Stable CAD Patients. Stancu C.S., M.G. Cărnăuță, G.M. Sanda, A.C. Popescu, **M.R. Popescu**, A. Vlad, D.R. Dimulescu, M. Simionescu, A.V. Sima. Oral Communication, 55th National Congress of the Romanian Society of Cardiology, Sinaia, 21–24 Sept 2016. Romanian Journal of Cardiology Supplement 2016.
4. Secondary hypertension in endocrinologic diseases. Sava RI, Popescu RM, Popescu AC, Nila A, Betivoiu M, Fica S, Dimulescu DR. Journal of Hypertension Research, Vol. 2, Supplement 1, pg. 75, ISSN 2537-2742, Sept 2016.
5. Assessment of the effects of sevoflurane on growth and function of human endothelial progenitor cells. A Vlad, G Isvoranu, B Pavel, **M Popescu**, G Manda. Conference of the National Neuroscience Society of Romania, 2014.
6. Endothelial progenitor CD34+/flk-1+ cells are mobilized by anesthetic preconditioning and protect the myocardium against ischemia/reperfusion injury. **M. Popescu**, A. Munteanu, B. Pavel, G. Isvoranu, B. Marinescu, D. Dimulescu, L. Zagrean. Premiul I — Young Investigator, National Congress of Cardiology, Sinaia, Romania, 2012.

• COMUNICĂRI ORALE

1. Surprizele diagnostice ale unui caz aparent simplu / The diagnostic surprises of a seemingly simple case. Sesiune de cazuri clinice — prezintă Lavinia Matei, comentează **Mihaela Popescu**. Sesiunea Grupului de Lucru de Cardiologie Experimentală, Conferința de Primăvară a Societății Române de Cardiologie, 20–23 mai 2026, Sibiu, Romania.
2. Risk factor clusters driving hospitalization in heart failure. **M Popescu**, MT Tzikas, GC Ciorabai, SB Balanescu. Sesiunea „Epidemiology and registries”, Heart Failure 2026 (ESC), 11 May 2026, Barcelona, Spania.
3. Post-operative Takotsubo Syndrome with incidental findings of an anomalous coronary artery and left ventricle: a diagnostic challenge. Paraschiv C, **Popescu Moraru RM**, Onciul S, Balanescu SM. EACVI Congress, 11–13.12.2025, Viena, Austria.
4. Laboratory and Microbiological Considerations in Sepsis-Induced Cardiac Dysfunction. Paraschiv C, Nicolaescu DO, **Popescu Moraru RM**, Barbu E, Palcau CA, Radu C, Moisa E, Negoita S, Popescu AC, Balanescu SM. National Congress of the Romanian Society of Cardiology, 17–20.09.2025, Sinaia, Romania.
5. Sepsis-induced cardiac dysfunction: echocardiographic patterns and outcome implications. Paraschiv C, Nicolaescu DO, **Popescu Moraru RM**, Barbu E, Matei AMA, Moisa E, Negoita S, Balanescu SM. ESC Congress 2025.
6. Capcanele de diagnostic ale hipertrofiei ventriculare stângi. Sesiune de cazuri clinice comentate — prezintă Lavinia Matei, comentează **Mihaela Popescu**. Congresul Național de Cardiologie, 17–20.09.2025, Sinaia, Romania.
7. Left ventricular hypertrophy: a diagnostic and therapeutic challenge. Sesiune de cazuri clinice comentate — prezintă Luminita Grosu, comentează **Mihaela Popescu**. Curs al Grupului de Lucru de Cardiologie Experimentală, martie 2025, Sibiu, Romania.
8. Balanța fragilă coagulare-anticoagulare în STEMI. Curs al Grupului de Lucru de Cardiologie Experimentală, 09.11.2024.
9. Particularitățile managementului CMHO la vârstnic. Prezintă Catalina Paraschiv, comentează **Mihaela Popescu**. Conferința de Primăvară a Societății Române de Cardiologie, 17–20.04.2024, Sibiu, Romania.
10. What hides behind premature ventricular contractions? Paraschiv C, **Popescu Moraru MR**, Linte AL, Balanescu SM. ESC Congress 2023.
11. Anterior mitral valve flail: an unexpected complication after a timely reperfused STEMI. Paraschiv C, **Popescu Moraru M**, Al Hassan A, Balanescu SM. ESC Acute CardioVascular Care 2023.
12. Submassive PTE's influence upon the intraventricular gradient in HCM: the hemodynamic effect of anticoagulation. Paraschiv C, **Popescu Moraru MR**, Palcau C, Zamfirescu B, Popescu AC, Balanescu SM. National Congress of the Romanian Society of Cardiology 2023.

13. Instabilitatea hemodinamică postoperatorie — Round up the usual suspects. Sesiune de cazuri clinice comentate — prezintă Catalina Paraschiv, comentează **Mihaela Popescu**. Conferința de Primăvară a Societății Române de Cardiologie, 04–06.05.2023, Sibiu, Romania.
14. Sindromul Klippel-Trenaunay — complicații embolice și nu numai. Sesiune de cazuri clinice comentate — prezintă Irina Bercea, comentează **Mihaela Popescu**. Congresul Național de Cardiologie, 20–23.09.2023, Sinaia, Romania.
15. A painless presentation of a deadly disease. Prezintă Claudia Raducanu, comentează **Mihaela Popescu**. Curs Cardiologie Experimentală, martie 2023.
16. To pace or not to pace: un mecanism adesea uitat al insuficienței cardiace. **Mihaela Popescu**. Curs al Grupului de Lucru de Cardiologie Experimentală, noiembrie 2022, Tg. Mureș, Romania.
17. Hipercolesterolemia familială: de la patogenie la complicații și tratament. Conferința de Primăvară a Societății Române de Cardiologie, 11–14.05.2022, Sibiu, Romania.
18. Endothelial Dysfunction and Hypertension. **Mihaela Popescu**. Congresul Societății Române de Hipertensiune, 11–13 octombrie 2018, București, Romania.
19. Terapia cu celule stem — de la extaz la agonie. **Mihaela Popescu**. Ziua Internistului, 8 decembrie 2017, București.
20. Pre-procedural administration of sevoflurane increases the levels of endothelial progenitor cells in patients undergoing coronary angioplasty. **M. Popescu**, I. Stanca, C. Stancu, L. Niculescu, M. Galca, L. Ceafalan, D. Corneci, AC. Popescu, DR. Dimulescu, A. Vlad. ESC Congress, 25–30 August 2017, Barcelona.
21. Sevoflurane Increases Mobilization of Endothelial Progenitor Cells in Rats and Coronary Artery Disease Patients. Adelina Vlad, **Mihaela Popescu**, Ionut Stanca, Dan Corneci, Camelia Stancu, Loredan Niculescu, Gheorghita Isvoranu, Laura Ceafalan, Andreea Catarina Popescu, Doina Dimulescu. Experimental Biology, Chicago, 22–26 April 2017.
22. Exposure to sevoflurane increases the plasma levels of human endothelial progenitor cells in coronary artery disease patients. Eleonora Bernardini, Ionut Stanca, Dan Corneci, Camelia Stancu, Loredan Niculescu, **Mihaela Popescu**, Andreea Catarina Popescu, Doina Dimulescu, Adelina Vlad. UMF Carol Davila Congress 2017, 29–31 May, București.
23. From an animal model to a clinical study. **Mihaela Popescu**. UMF Carol Davila Congress 2016, 2–4 June, București.
24. A case of Food-Dependent Exercise Induced Anaphylaxis (FDEIA) – Cholinergic urticaria overlap syndrome in a 20-year-old football player. Ghiordanescu IM, RS Bumbacea, Deaconu C, Popescu M. Clinical and Translational Allergy, Rome 2016.
25. Anesthetic preconditioning increases the number of cultured EPCs isolated from patients with coronary artery disease. Adelina Vlad, Camelia Stancu, Loredan Niculescu, Eugen Andrei, Ioana Stefanescu, Ionut Stanca, **Mihaela Popescu**, Andreea Popescu, Dan Corneci, Doina Dimulescu. Conferinta Societatii Nationale de Stiinte Fiziologice 2016, 26–28 May, Craiova.
26. The impact of anaesthetic preconditioning with sevoflurane on the mobilization and functional properties of human endothelial progenitor cells. **Mihaela Popescu**, Ionut Stanca, Dan Corneci, Laura Ceafalan, Camelia Stancu, Loredan Niculescu, Andreea Catarina Popescu, Doina Dimulescu, Adelina Vlad. National Cardiology Congress, 21–24 Sept 2016, Sinaia, Romania.
27. Anticoagularea orală cu Acenocumarol la pacienții cu fibrilație atrială din mediul rural — o provocare sortită eșecului. D. Soare, **M.R. Popescu**, D.R. Dimulescu. National Cardiology Congress, 21–24 Sept 2016, Sinaia, Romania.
28. Paraoxonase 1, Oxidation Products and ApoA-II Levels in HDL3 Discriminate between Acute Coronary Syndrome and Stable CAD Patients. Stancu C.S., M.G. Cârnuță, G.M. Sanda, A.C. Popescu, **M.R. Popescu**, A. Vlad, D.R. Dimulescu, M. Simionescu, A.V. Sima. Oral Communication, 55th National Congress of the Romanian Society of Cardiology, Sinaia, 21–24 Sept 2016.
29. Bolile neoplazice și tromboembolismul venos. **Popescu Mihaela**. National Cardiology Congress, 17–19 Sept 2016, Sinaia, Romania.
30. What hides behind thoracic pain? **Popescu Mihaela**. Cardiology Working Groups — Echocardiography and Young Cardiologists Common Session, 7–9 May 2015, Sibiu.
31. Sevoflurane Anaesthetic Preconditioning Induces Cardioprotection and Stem Cell Mobilization. Sava R, **Popescu M**. 03 June 2015, ISCOMS, Groningen, Netherlands.
32. Analysis of micro-RNA Biomarkers in Plasma of Coronary Heart Disease Patients. Niculescu L.S., Simionescu N., Popescu A.C., Popescu R.M., Dimulescu D.R., Sima A.V. 5th International Congress and 31st Annual Scientific Session of the Romanian Cell Biology Society, 5–9 June 2013, Timișoara, Romania.
33. Oxidized lipids as potential biomarkers for the coronary artery disease. Stancu C.S., Deleanu M., Popescu A.C., Popescu R.M., Dimulescu D.R., Simionescu M., Sima A.V. 5th International Congress and 31st Annual Scientific Session of the Romanian Cell Biology Society, 5–9 June 2013, Timișoara, Romania.
34. Endothelial progenitor CD34+/flk-1+ cells are mobilized by anesthetic preconditioning and protect the myocardium against ischemia/reperfusion injury. **M. Popescu**, A. Munteanu, B. Pavel, G. Isvoranu, B. Marinescu, D. Dimulescu, L. Zagrean. National Cardiology Congress, 04–06 Oct 2012, Sinaia, Romania.
35. Anaesthetic preconditioning and the endothelial preconditioning cells. **Mihaela Popescu**, Leon Zagrean, Doina Dimulescu. Romanian Society of Cardiology — Bucharest Branch Meeting, 27 Feb 2012, București.
36. Myocardial preconditioning with sevoflurane and mobilization of bone-marrow progenitor cells. **Mihaela Popescu**, Adelina Munteanu Vlad, Gheorghita Isvoranu, Laura Suci, B. Marinescu, L. Zagrean. National Cardiology Congress, 29 Sept – 01 Oct 2011, Sinaia, Romania.
37. Cardioprotective effects of anaesthetic preconditioning with sevoflurane in the myocardial ischemia/reperfusion lesion. **Mihaela Popescu**, Adelina Munteanu, Ruxandra Sava, Ana-Maria Rădulescu, Leon Zagrean. National Physiology Society Conference, 26–28 May 2011, Târgu Mureș, Romania.

38. Myocardial protection Sevoflurane-induced in patients with cardiac risk undergoing non-cardiac surgery. Manolescu Rely, Duțu Mădălina, Negoită S., **Popescu Mihaela**, Calu V, Corneci D., Azamfirei L. 4th Conference of PhD Students and 1st Conference of Post-Doctoral Studies in Medicine and Pharmacy, 6–8 July 2011, Cluj, Romania.
39. Heart failure in a young patient. **Mihaela Popescu**, Iulia Balasa, Linda Cipi, Adriana Iliesiu. National Internal Medicine Congress, 23–25 April 2009, Calimanesti, Romania.
40. Dyspnea in the elderly. **Mihaela Popescu**, Andreea Serban, Adriana Iliesiu. National Cardiology Congress, 19–22 Sept 2009, Sinaia, Romania.

• POSTERE

1. Anterior mitral valve flail: a rare complication after a promptly treated STEMI. Paraschiv C, Popescu RM, Al Hassan A, Popescu AC, Balanescu SM. National Congress of the Romanian Society of Cardiology 2022.
2. A novel score for risk stratification of acute heart failure with preserved ejection fraction. Marilena-Brîndușa Zamfirescu, Liviu Nicolae Ghilencea, **Mihaela-Roxana Popescu**, Gabriel Cristian Bejan, Andreea-Catarina Popescu, Maria Dorobanțu. Congresul Național de Cardiologie, septembrie 2021, Sinaia, Romania.
3. Involvement of endothelial progenitor cells in mediating the protective effects of preconditioning procedures. Iosif Theodor Gabriel, Jianu Oana Cosmina, **Popescu Mihaela**, Adelina Vlad. XXth National Congress of the Romanian Anatomy Society, Iasi 2019.
4. Sevoflurane Increases Mobilization of Endothelial Progenitor Cells in Rats and Coronary Artery Disease Patients. Adelina Vlad, **Mihaela Popescu**, Ionut Stanca, Dan Corneci, Camelia Stancu, Loredan Niculescu, Gheorghita Isvoranu, Laura Ceafalan, Andreea Catarina Popescu, Doina Dimulescu. April 2017.
5. Plasma levels and functional properties of human endothelial progenitor cells following exposure to sevoflurane. Bogdan Pavel, Marilena Gilca, Laura Ceafalan, Camelia Stancu, Loredan Niculescu, Eugen Andrei, **Mihaela Popescu**, Ionut Stanca, Mihai Melnic, Andreea Popescu, Dan Corneci, Doina Dimulescu, Adelina Munteanu Vlad. Physiology 2016, Dublin, Ireland, 29–31 July 2016.
6. Corelații între investigațiile non-invazive și cele invazive la pacienții cu durere în piept — o abordare practică. A.A. Mistirian, **M. Popescu**, D. Dimulescu. National Cardiology Congress, 21–24 Sept 2016, Sinaia, Romania.
7. O perspectivă diferită asupra profilului de risc al pacientului cu boală aterosclerotică constituită. A.M. Enachi, D. Dimulescu, **M.R. Popescu Moraru**, D. Soare. National Cardiology Congress, 21–24 Sept 2016, Sinaia, Romania.
8. Hiperglicemia este asociată cu niveluri crescute de micro-ARN circulante în serul pacienților cu sindrom coronarian acut și determină creșterea producției de micro-ARN în macrofage umane. L.F. Niculescu, N. Simionescu, G.M. Sanda, A.C. Popescu, **M.R. Popescu**, A. Vlad, D. Dimulescu, M. Simionescu, A. Sima. National Cardiology Congress, 21–24 Sept 2016, Sinaia, Romania.
9. Nivelurile de paraoxonază 1, produși de oxidare și ApoA-II în HDL3 discriminează între pacienții cu sindrom coronarian acut și cei cu angină stabilă. C.S. Stancu, M.G. Cărnuță, G.M. Sanda, A.C. Popescu, **M.R. Popescu**, A. Vlad, D. Dimulescu, M. Simionescu, A. Sima. National Cardiology Congress, 21–24 Sept 2016, Sinaia, Romania.
10. Hyperglycemia Increases Micro-RNAs in Sera and HDL From Acute Coronary Syndrome Patients. Niculescu L.S., N. Simionescu, G.M. Sanda, M.G. Cărnuță, C.S. Stancu, A.C. Popescu, **M.R. Popescu**, A. Vlad, D.R. Dimulescu, A.V. Sima. 8th National Congress and 34th Annual Scientific Session of the Romanian Society for Cell Biology, 8–12 June 2016, Oradea. Bulletin of RSCB 44: 63, 2016.
11. Hyperglycemia increases microRNAs in circulating HDL from acute coronary syndrome patients and modulates miRNA processing machinery in human macrophages. Niculescu L.S., N. Simionescu, G.M. Sanda, M.G. Cărnuță, C.S. Stancu, A.C. Popescu, **M.R. Popescu**, A. Vlad, D.R. Dimulescu, A.V. Sima. 84th Congress of the European Atherosclerosis Society, Innsbruck, 29 May – 2 June 2016. Atherosclerosis Suppl. 252: e82, Sept 2016.
12. Specific circulating microRNAs levels associate with hypertension, hyperglycemia and dysfunctional HDL in acute coronary syndrome patients. Niculescu L.S., N. Simionescu, G.M. Sanda, M.G. Cărnuță, C.S. Stancu, A.C. Popescu, **M.R. Popescu**, A. Vlad, D.R. Dimulescu, A.V. Sima. 4th Frontiers in Cardiovascular Biology, Florence, 8–10 July 2016. Cardiovascular Research 111(Suppl 1): S56–S81, 2016.
13. Secondary hypertension in endocrinologic diseases. Sava RI, Popescu RM, Popescu AC, Nila A, Betivoiu M, Fica S, Dimulescu DR. 4th Congress of the Romanian Society of Hypertension, 15–17 Sept 2016, București, Romania.
14. MiR-486 and miR-92a identified in HDL subfractions discriminate between stable and vulnerable coronary artery disease patients. Simionescu N., Niculescu L.S., Sanda G.M., Popescu A.C., **Popescu M.R.**, Munteanu A., Dimulescu D.R., Sima A.V. 15th FEBS Young Scientists' Forum and 40th FEBS Congress, Berlin, 2–9 July 2015. FEBS J. 282(S1): 217, 2015 (IF 4.001).
15. Circulating miRNA and the severity of coronary artery disease. Niculescu LS, Simionescu N, Popescu AC, **Popescu MR**, Dimulescu DR, Simionescu M, Sima A. ESC Congress, 30 August – 3 September 2014, Barcelona.
16. In search for novel prognostic markers for coronary artery disease. **Mihaela Popescu**, Camelia S. Stancu, Loredan S. Niculescu, Natalia Simionescu, Andreea Popescu, Doina Dimulescu, Anca V. Sima. Frontiers in Cardiovascular Biology, 04–06 July 2014, Barcelona.
17. Endogenous endothelial progenitor CD34+/flk-1+ cells are mobilized by anesthetic preconditioning. **Mihaela Popescu**, Adelina Munteanu, Gheorghita Isvoranu, Laura Suci, Bogdan Pavel, Bogdan Marinescu, Leon Zagrean. Congresul UMF, 29–31 May 2014, București.
18. Circulating miRNA and the severity of coronary artery disease. Niculescu L.S., Simionescu N., A.C. Popescu, **M.R. Popescu**, D.R. Dimulescu, M. Simionescu, A.V. Sima. Al 53-lea Congres Național de Cardiologie, Sinaia, 2–4 Oct 2014. Romanian Journal of Cardiology Supplement A, 33–34, 2014.

19. Analysis of circulating micro-RNAs in lipoprotein fractions isolated from sera of coronary artery disease patients. Niculescu L.S., N. Simionescu, G.M. Sanda, A.C. Popescu, **R.M. Popescu**, D.R. Dimulescu, M. Simionescu, A.V. Sima. 6th National Congress and 32nd Annual Scientific Session of the Romanian Society for Cell Biology, Târgu Mureș, 4–7 June 2014. Bulletin of RSCB 42, p. 109, 2014.
20. Novel predictive biomarkers associated to lipoproteins — indicators for the evolution of coronary artery disease. Stancu C.S., G.M. Sanda, M.G. Carnuta, L.S. Niculescu, M. Deleanu, D. Rogoz, A.C. Popescu, **R.M. Popescu**, D.R. Dimulescu, A.V. Sima. 6th National Congress and 32nd Annual Scientific Session of the Romanian Society for Cell Biology, Târgu Mureș, 4–7 June 2014. Bulletin of RSCB 42, p. 106, 2014.
21. Delayed Sevoflurane Preconditioning Enhances Endothelial Progenitor Migration in the Ischemia/Reperfusion (I/R) Injured Myocardium. Munteanu A., **Popescu M.**, Isvoranu G., Suciuc L., Marinescu B., Pavel B., Zagrean L. Experimental Biology 2013, 20–24 April 2013, Boston, USA.
22. Analysis of micro-RNA Biomarkers in Plasma of Coronary Heart Disease Patients. Niculescu L.S., Simionescu N., Popescu A.C., Popescu R.M., Dimulescu D.R., Sima A.V. 5th International Congress and 31st Annual Scientific Session of the Romanian Society for Cell Biology, Timișoara, 5–9 June 2013.
23. Oxidized lipids as potential biomarkers for the coronary artery disease. Stancu C.S., Deleanu M., Popescu A.C., Popescu R.M., Dimulescu D.R., Simionescu M., Sima A.V. 5th International Congress and 31st Annual Scientific Session of the Romanian Society for Cell Biology, Timișoara, 5–9 June 2013.
24. Endothelial progenitor cells mobilization and increased levels in the injured myocardium after sevoflurane preconditioning. **M. Popescu**, A. Vlad, G. Isvoranu, L. Suciuc, B. Marinescu, D. Dimulescu, L. Zagrean. Frontiers in Cardiovascular Biology, 30 March – 01 April 2012, London.
25. Sevoflurane preconditioning induces endothelial progenitor cell mobilization and recruitment in the injured myocardium. **Mihaela Popescu**, Adelina Munteanu Vlad, Gheorghita Isvoranu, Laura Suciuc, B. Marinescu, D. Dimulescu, L. Zagrean. International Society of Cardiovascular Pharmacotherapy Congress, 04–05 April 2012, București, Romania.
26. Myocardial ischemia and protection through volatile anesthetic preconditioning. **Mihaela Popescu**, Adelina Munteanu, Gina Manda, Gheorghita Isvoranu, Ruxandra Sava, AM Radulescu, Leon Zagrean. AMR Congress, 14–16 April 2011, București.
27. Two synchronous arrhythmogenic diseases with an increased risk of sudden cardiac death. Alice David, Luminita Ionescu, **Mihaela Popescu**, Andreea Popescu, Doina Dimulescu. National Cardiology Congress, 29 Sept – 01 Oct 2011, Sinaia, Romania.

• GRANTURI ȘI PROIECTE DE CERCETARE

1. COST Action CA18240 — ADHESion GPCR Network: Research and Implementation Set the path for future Exploration. Membru în echipa de cercetare, 2019–2021.
2. Grant postdoctoral acordat de Institutul Național de Cercetare-Dezvoltare „Victor Babeș” pentru proiectul „The cardioprotective effects of the mobilization and recruitment of endothelial progenitor cells in myocardial anesthetic preconditioning with sevoflurane” — POSDRU 141531 (2014–2016).
3. Grant de cercetare acordat de UMF „Carol Davila” pentru proiectul „The implication of endothelial progenitor cells mobilization and recruitment in sevoflurane-induced anesthetic preconditioning” (2012–2013).
4. New predictive biomarkers for the evolution of the stable and unstable coronary artery disease identified by lipidomic, proteomic and molecular biology technologies (BIOMARCAD) — Project ID PN-II-PT-PCCA-2011-3.1-0184 (2012–2016) — investigator.
5. Mobilization of endothelial progenitor cells following anesthetic preconditioning reduces in-stent restenosis by early endothelial regeneration — PN-II-RU-TE-2012-3-0463 (2012–2016) — investigator.

• PARTICIPARE ÎN STUDII CLINICE

- STABILITY
- SOLID-TIMI
- ODYSSEY
- Amgen 20140377

• PREMII ȘI DISTINCȚII

Internaționale

1. European Society of Cardiology (ESC) Educational Grant for the MSc in Clinical Trials at the University of Oxford, 28 March 2022.
2. Best Poster Award — „Interrupted administration of sevoflurane improves circulating levels and functional properties of endothelial progenitor cells in patients undergoing coronary angioplasty”. Vlad A, Niculescu L, Stancu C, **Popescu M**, Stanca I, Corneci D, Ceafalan L, Gilca M, Surcel M, Popescu AC, Dimulescu D. FEPS, Bologna, 10–13 September 2019.
3. First Year Jury Award — „Sevoflurane Anesthetic Preconditioning Induces Cardioprotection and Stem Cell Mobilization”. Sava R, Popescu M. ISCOMS, Groningen, Netherlands, 03 June 2015.

4. Travel Grant — ESC Working Group on Coronary Pathophysiology and Microcirculation, for „Endothelial progenitor cells mobilization and increased levels in the injured myocardium after sevoflurane preconditioning”. **M. Popescu** et al. *Frontiers in Cardiovascular Biology*, London, 30.03–01.04.2012.
5. Special Young Investigator Award (YIA) — „Sevoflurane preconditioning induces endothelial progenitor cell mobilization and recruitment in the injured myocardium”. **Mihaela Popescu** et al. *International Society of Cardiovascular Pharmacotherapy Congress*, București, 04–05.05.2012.

Naționale

1. Premiu UEFISCDI — publicare în revistă pe zona roșie: Phenotyping the Prediabetic Population — A Closer Look at Intermediate Glucose Status and Cardiovascular Disease. Barbu E, **Popescu M-R**, Popescu A-C, Balanescu S-M. *Int. J. Mol. Sci.* 2021; 22(13): 6864.
2. Premiu UEFISCDI — publicare în revistă pe zona roșie: Treatment of Fetal Arrhythmias. Veduta A., Panaitescu A.M., Ciobanu A.M., Neculcea D., **Popescu M.R.**, Peltecu G., Cavoretto P. *J. Clin. Med.* 2021, 10(11), 2510.
3. Premiu UEFISCDI — publicare în revistă pe zona galbenă: The E/e' ratio — role in risk stratification of acute heart failure with preserved ejection fraction. Marilena-Brîndușa Zamfirescu, Liviu-Nicolae Ghilencea, **Mihaela-Roxana Popescu**, Gabriel Cristian Bejan, Sean Martin Maher, Andreea-Catarina Popescu, Maria Dorobanțu. *Medicina* 2021; 57(4): 375.
4. Premiu UEFISCDI — publicare în revistă pe zona roșie: Getting an Early Start in Understanding Perinatal Asphyxia Impact on the Cardiovascular System. **Mihaela Roxana Popescu**, Panaitescu AM, Pavel B, Zagrean L, Peltecu G, Zagrean AM. *Front Pediatr.* 2020.
5. Premiu UEFISCDI — publicare în revistă pe zona roșie: A Broader Perspective on Anti-Ro Antibodies and Their Fetal Consequences. **Mihaela Roxana Popescu**, Andreea Dudu, Ciprian Jurcut, Anca Marina Ciobanu, Ana-Maria Zagrean, Anca Maria Panaitescu. *Diagnostics* 2020, 10, 478.
6. Premiu UEFISCDI — publicare în revistă pe zona roșie: Type I Kounis syndrome after protracted anaphylaxis and myocardial bridge. Liviu Ghilencea, **Mihaela R. Popescu**, Ileana M. Ghiordanescu, Cristina Conea, Mihai Melnic, Andreea-Catarina Popescu. *Diagnostics* 2020, 10, 59.
7. Premiu UEFISCDI — publicare în revistă pe zona galbenă: Melatonin's Impact on Antioxidative and Anti-Inflammatory Reprogramming in Homeostasis and Disease. Chitimus DM, **Popescu MR**, Voiculescu SE, Panaitescu AM, Pavel B, Zagrean L, Zagrean AM. *Biomolecules* 2020.
8. Premiu UEFISCDI — publicare în revistă pe zona galbenă: Acute Myocardial Infarction Mortality Rates and Trends in Romania between 1994 and 2017. Sorin Ioacara, Andreea C. Popescu, Joseph Tenenbaum, Doina R. Dimulescu, **Mihaela R. Popescu**, Anca Sirbu, Simona Fica. *Int. J. Environ. Res. Public Health* 2020, 17, 285.
9. Diploma Salonului de Carte Universitară — apariții editoriale remarcabile ale anului universitar 2019–2020, pentru „Cardiovascular System Physiology — A practical approach”.
10. Third Prize, Medical International Conference for Students, București, 19–22 April 2018 — „Exposure to sevoflurane increases the levels of circulating endothelial progenitor cells in patients undergoing percutaneous coronary intervention with stent deployment”. Emanuela Buda, **Mihaela Popescu**, Ionut Stanca, Camelia Stancu, Loredan Niculescu, Dan Corneci, Andreea Popescu, Doina Dimulescu, Adelina Vlad.
11. 4th place, Young Researcher Session, National Cardiology Congress, Sinaia, 21–24.09.2016 — „The impact of anesthetic preconditioning with sevoflurane on the mobilization and functional properties of human endothelial progenitor cells”. **Mihaela Popescu** et al.
12. Best Poster Presentation / Award for Excellence in Research, 55th National Congress of the Romanian Society of Cardiology — „Hyperglycemia is Associated with Increased Circulating MicroRNAs Levels in Acute Coronary Syndrome Patients' Sera...”. Niculescu L.S., N. Simionescu, G.M. Sanda, A.C. Popescu, **M.R. Popescu**, A. Vlad, D.R. Dimulescu, M. Simionescu, A.V. Sima. Sinaia, 21–24 Sept 2016.
13. Premiu UEFISCDI 2016 — Hyperglycemia Determines Increased Specific MicroRNAs Levels in Sera and HDL of Acute Coronary Syndrome Patients. Simionescu N., L.S. Niculescu, G.M. Sanda, M.G. Cărnăuță, C.S. Stancu, A.C. Popescu, **M.R. Popescu**, A. Vlad, D.R. Dimulescu, M. Simionescu, A.V. Sima. *PLoS ONE* 11(8): e0161201, 2016.
14. Premiu UEFISCDI 2015 — MiR-486 and miR-92a identified in circulating HDL discriminate between stable and vulnerable coronary artery disease patients. Niculescu L.S., Simionescu N., Sanda G.M., Carnuta M.G., Stancu C.S., Popescu A.C., **Popescu M.R.**, Vlad A., Dimulescu D.R., Simionescu M., Sima A.V. *PLoS ONE* 10(10): e0140958, 2015 (Q1, Web of Science).
15. Premiul I — Young Investigator, National Congress of Cardiology, Sinaia, Oct 2012 — „Endothelial progenitor CD34+/flk-1+ cells are mobilized by anesthetic preconditioning and protect the myocardium against ischemia/reperfusion injury”. **M. Popescu**, A. Munteanu, B. Pavel, G. Isvoranu, B. Marinescu, D. Dimulescu, L. Zagrean.
16. Premiul II, National Congress for Students and Young Doctors, București, 30.11–04.12.2011 — „Precondiționarea anestezică în leziunea de ischemie-reperfuzie miocardică la șobolan”.
17. Bursă de merit pentru nota anuală 10 (2001–2004, 2005–2006), acordată de UMF „Carol Davila”.

• ACTIVITATE ÎN COMITETE ȘTIINȚIFICE ȘI DE EVALUARE

1. Membru al ESC Academy Alumni Task Force (2025–2026).
2. Membru al ESC Congress Programme Committee / Abstract Reviewing Committee, ESC Congress 2025, Madrid.
3. Membru al ESC Congress Programme Committee / Abstract Reviewing Committee, ESC Congress 2024, Londra.

4. Membru al Oxford Medical Sciences Division Graduate Joint Consultative Committee, 2022–2024.
5. Membru în Comisia de Etică a Spitalului Universitar de Urgență Elias, 2022.

• PREZIDARE DE SESIUNI ȘTIINȚIFICE

Congrese internaționale

1. Old and new biomarkers and their impact on cardiovascular prognosis. Chairperson: Assistant Professor **Mihaela Popescu**, Assistant Professor Aleksandra Milovancev. ESC Congress 2025, 30.08.2025, Madrid, Spania.
2. Chronic coronary syndromes: artificial intelligence and other techniques. Chairperson: Assistant Professor **Mihaela Popescu**, Professor Robert Gil. ESC Congress 2025, 29.08.2025, Madrid, Spania.
3. Advancements in cardiovascular medicine: from molecular insights to clinical strategies in heart disease management. Chairperson: Professor Carmine Pizzi, Assistant Professor **Mihaela Popescu**. ESC Congress 2024, 01.09.2024, Londra, Regatul Unit.

Manifestări naționale

1. Inflammation in Cardiovascular and Neurovascular Diseases. Sesiune comună a Grupurilor de Lucru de Cardiologie Experimentală, Ateroscleroză și Aterotromboză și a Centrului de Excelență SEARCH-VASC. Moderatori: Ș.L. Magda, **Mihaela Popescu**. Conferința de Primăvară a Societății Române de Cardiologie, 20–23 mai 2026, Sibiu, Romania.
2. Fața ascunsă a unui caz clinic / The hidden face of a clinical case. Sesiunea Grupului de Lucru de Cardiologie Experimentală. Moderatori: **Mihaela Popescu**, R. Drăgoi Galrinho. Conferința de Primăvară a Societății Române de Cardiologie, 20–23 mai 2026, Sibiu, Romania.
3. Curs Cardiologie Experimentală, martie 2025, Sibiu.

• COMITETE DE ORGANIZARE

- Congresul Național de Cardiologie, 20–23 septembrie 2008.

• ACTIVITATE DE LECTOR / DIDACTICĂ

1. Workshop — Echocardiography in the critical patient, 20–21 July 2019.
2. Echocardiography Workshop — Introduction to Cardiology for Preclinical students, 17 March 2018.
3. Emergency cardiology for medical nurses, October 2015.
4. Cursul COMBAT 3, Ploiești — Stresul emoțional și tulburările afective, 13.02.2015.
5. Cursul COMBAT 3 — HTA nou diagnosticată, București, 23.01.2015.

• COMPETENȚE PROFESIONALE ȘI CURSURI DE SPECIALIZARE

COMPETENTE

04.2022

Competență în Ultrasonografie Transesofagiană

Institutul „C.C. Iliescu”, București

10.2016 – 06.2017

Competență în Ultrasonografie Vasculară

Institutul „C.C. Iliescu”, București

CURSURI DE SPECIALIZARE

1. Transoesophageal Echocardiography training course, 02–13 June 2014, Spitalul Fundeni, București.
2. Echocardiography training level 1, 01–30 October 2010, Spitalul Fundeni, București.
3. Echocardiography training level 2, 01–30 April 2012, Spitalul Fundeni, București.
4. Vascular ultrasound training, level 1, 01–30 November 2016, Spitalul Fundeni, București.
5. Vascular ultrasound training, level 2, 01–31 March 2017, Spitalul Fundeni, București.
6. Clinical applications of echocardiography: old and new — teaching course with live demonstrations, 15–17 April, București.
7. ECG for Arrhythmologists in Practice, 18.03.2013, București.
8. Basic EP course for Young Physicians, 4–6.07.2013.
9. Imunochimie (imunomarcare, tehnica TUNEL etc.).
10. Tehnici chirurgicale (model de leziune ischemie/reperfuție pe șobolan de laborator), Timișoara, București.

• AFILIERI LA SOCIETĂȚI PROFESIONALE

1. 06.2025 – prezent: Membru al ESC Academy Alumni.
2. 14.02.2020 – prezent: Membru al Societății Europene de Cardiologie (ESC) — Professional Member.
3. 19.03.2022 – prezent: Membru al Working Group on Cardiovascular Pharmacotherapy.
4. 27.01.2020 – prezent: Membru al WG on Cardiovascular Regenerative & Reparative Medicine.
5. 25.01.2020 – prezent: Membru al WG on Coronary Pathophysiology & Microcirculation.
6. 28.01.2020 – prezent: Membru al Council on Basic Cardiovascular Science.
7. 01.10.2013 – prezent: Membru al Rotary Club București, District 2241.
8. 01.11.2002 – 30.06.2013: Membru al Rotaract Club București.
9. 2008 – 2009: Președinte al Rotaract Club București.
10. 2007 – 2008: Vicepreședinte al Rotaract Club București.
11. 2008 – prezent: Membru al Societății Române de Cardiologie / ESC.
12. 2008 – prezent: Membru al Societății Române de Fiziologie.
13. 2001 – 2007: Membru al Societății Studenților în Medicină București (SSMB).

15.06.2026

