



**Emil Marian
Arbanasi**

WORK EXPERIENCE

01/02/2020 – CURRENT – Targu Mures, Romania

Resident Doctor of Vascular Surgery

Emergency County Hospital Targu Mures

EDUCATION AND TRAINING

10/2022 – CURRENT – Targu Mures, Romania

PhD

Doctoral School of Medicine and Pharmacy of Targu Mures

Address Gheorghe Marinescu, 38, Targu Mures, Romania | **Website**
<https://www.umfst.ro/doctorat/scoala-doctorala-de-medicina-si-farmacie.html>

2021 – 2022 – Targu Mures, Romania

Research Assistant

Doctoral School of Medicine and Pharmacy of Targu Mures

Address Gheorghe Marinescu, 38, Targu Mures, Romania | **Website**
<https://www.umfst.ro/doctorat/scoala-doctorala-de-medicina-si-farmacie.html>

2013 – 2019 – Targu Mures, Romania

Medical Doctor

George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Targu Mures

Address Gheorghe Marinescu, 38, Targu Mures, Romania | **Website**
<https://www.umfst.ro/home.html> | **Field of study** Medicine

2009 – 2013 – Drobeta Turnu Severin, Romania

High School Graduate

Colegiul National Gheorghe Titeica

Address Crisan, 50, Drobeta Turnu Severin, Romania

LANGUAGE SKILLS

MOTHER TONGUE(S): Romanian

OTHER LANGUAGE(S):

English

Listening
C1

Reading
C2

**Spoken
production**
C1

**Spoken
interaction**
C1

Writing
C1

DIGITAL SKILLS

My Digital Skills

Microsoft Office, Microsoft Word, Microsoft Excel, Outlook, Facebook, Google / Internet, E-mail and Social Media

PUBLICATIONS

Systemic Inflammatory Biomarkers and Chest CT Findings as Predictors of Acute Limb Ischemia Risk, Intensive Care Unit Admission, and Mortality in COVID-19 Patients

2022 <https://doi.org/10.3390/diagnostics12102379>

Arbănași, E.M.; Halmaciu, I.; Kaller, R.; Mureșan, A.V.; Arbănași, E.M.; Suciu, B.A.; Coșarcă, C.M.; Cojocaru, I.I.; Melinte, R.M.; Russu, E. Systemic Inflammatory Biomarkers and Chest CT Findings as Predictors of Acute Limb Ischemia Risk, Intensive Care Unit Admission, and Mortality in COVID-19 Patients. *Diagnostics* **2022**, *12*, 2379; ISSN: 2075-4418.

FI: 3.992, First author

Chest CT Severity Score and Systemic Inflammatory Biomarkers as Predictors of the Need for Invasive Mechanical Ventilation and of COVID-19 Patients' Mortality

2022 <https://www.mdpi.com/2075-4418/12/9/2089>

Halmaciu, I. †; Arbănași, E.M. †; Kaller, R.; Mureșan, A.V.; Arbănași, E.M.; Bacalbasa, N.; Suciu, B.A.; Cojocaru, I.I.; Runcan, A.I.; Grosu, F.; Vunvulea, V.; Russu, E. Chest CT Severity Score and Systemic Inflammatory Biomarkers as Predictors of the Need for Invasive Mechanical Ventilation and of COVID-19 Patients' Mortality. *Diagnostics* **2022**, *12*, 2089. ISSN: 2075-4418, <https://doi.org/10.3390/diagnostics12092089>

FI: 3.992, † First author with equal contribution.

Neutrophil-to-Lymphocyte Ratio and Platelet-to-Lymphocyte Ratio Impact on Predicting Outcomes in Patients with Acute Limb Ischemia

2022 <https://www.mdpi.com/2075-1729/12/6/822>

Arbănași, E.M.; Mureșan, A.V.; Coșarcă, C.M.; Kaller, R.; Bud, T.I.; Hosu, I.; Voidăzan, S.T.; Arbănași, E.M.; Russu, E. Neutrophil-to-Lymphocyte Ratio and Platelet-to-Lymphocyte Ratio Impact on Predicting Outcomes in Patients with Acute Limb Ischemia. *Life* **2022**, *12*, 822. ISSN: 2075-1729, <https://doi.org/10.3390/life12060822>

FI:3.251, First author

The Predictive Value of Systemic Inflammatory Markers, the Prognostic Nutritional Index, and Measured Vessels' Diameters in Arteriovenous Fistula Maturation Failure

2022 <https://doi.org/10.3390/life12091447>

Kaller, R. †; Arbănași, E.M. †; Mureșan, A.V.; Voidăzan, S.; Arbănași, E.M.; Horváth, E.; Suciu, B.A.; Hosu, I.; Halmaciu, I.; Brinzaniuc, K.; Russu, E. The Predictive Value of Systemic Inflammatory Markers, the Prognostic Nutritional Index, and Measured Vessels' Diameters in Arteriovenous Fistula Maturation Failure. *Life* **2022**, *12*, 1447. ISSN: 2075-1729.

FI: 3.251, † First author with equal contribution

Inflammatory Biomarkers as Prognostic Factors of Acute Deep Vein Thrombosis Following the Total Knee Arthroplasty

2022 <https://doi.org/10.3390/medicina58101502>

Melinte, R.M. †; Arbănași, E.M. †; Blesneac, A.; Zolog, D.N.; Kaller, R.; Mureșan, A.V.; Arbănași, E.M.; Melinte, I.M.; Niculescu, R.; Russu, E. Inflammatory Biomarkers as Prognostic Factors of Acute Deep Vein Thrombosis Following the Total Knee Arthroplasty. *Medicina* **2022**, *58*, 1502. FI: 2.948, † First author with equal contribution.

Impact of COVID-19 pandemic on Vascular Surgery Unit activity in Central Romania

2022 <https://www.frontiersin.org/articles/10.3389/fsurg.2022.883935/full>

Emil-Marian A, Reka K, Vasile Adrian M, Septimiu V, Eliza-Mihaela A and Eliza R (2022) Impact of COVID-19 pandemic on Vascular Surgery Unit activity in Central Romania. *Front. Surg.* 9:883935. ISSN: 2296-875X, doi: 10.3389/fsurg.2022.883935

FI: 2.568, First author

Negative Impact of the COVID-19 Pandemic on Kidney Disease Management—A Single-Center Experience in Romania

2022 <https://www.mdpi.com/2077-0383/11/9/2452>

Mureșan AV, Russu E, **Arbănași EM***, Kaller R*, Hosu I, Arbănași EM, Voidăzan ST. Negative Impact of the COVID-19 Pandemic on Kidney Disease Management—A Single-Center Experience in Romania. *Journal of Clinical Medicine*. 2022; 11(9):2452. <https://doi.org/10.3390/jcm11092452>

FI: 4.964, Corresponding author

The Predictive Role of NLR and PLR in Outcome and Patency of Lower Limb Revascularization in Patients with Femoropopliteal Disease

2022 <https://www.mdpi.com/2077-0383/11/9/2620>

Russu E, Mureșan AV, **Arbănași EM***, Kaller R*, Hosu I, Voidăzan S, Arbănași EM, Coșarcă CM. The Predictive Role of NLR and PLR in Outcome and Patency of Lower Limb Revascularization in Patients with Femoropopliteal Disease. *Journal of Clinical Medicine*. 2022; 11(9):2620. <https://doi.org/10.3390/jcm11092620>

FI: 4.964, Corresponding author

The Predictive Value of NLR, MLR, and PLR in the Outcome of End-Stage Kidney Disease Patients

2022 <https://www.mdpi.com/2227-9059/10/6/1272>

Mureșan AV, Russu E, **Arbănași EM***, Kaller R*, Hosu I, Arbănași EM, Voidăzan ST. The Predictive Value of NLR, MLR, and PLR in the Outcome of End-Stage Kidney Disease Patients. *Biomedicines*. 2022; 10(6):1272. <https://doi.org/10.3390/biomedicines10061272>

FI: 4.757, Corresponding author

Carotid Plaque Features and Inflammatory Biomarkers as Predictors of Restenosis and Mortality Following Carotid Endarterectomy

2022 <https://doi.org/10.3390/ijerph192113934>

Niculescu, R.; Russu, E.; **Arbănași, E.M.***; Kaller, R.; Arbănași, E.M.; Melinte, R.M.; Coșarcă, C.M.; Cocuz, I.G.; Sabău, A.H.; Tinca, A.C.; Stoian, A.; Vunvulea, V.; Mureșan, A.V.; Cotoi, O.S. Carotid Plaque Features and Inflammatory Biomarkers as Predictors of Restenosis and Mortality Following Carotid Endarterectomy. *Int. J. Environ. Res. Public Health* **2022**, *19*, 13934.

FI: 4.614, Corresponding author

Uncommon Surgical Management by AVF between the Great Saphenous Vein and Anterior Tibial Artery for Old Radiocephalic AVF Failure

2022 <https://www.mdpi.com/2075-1729/12/4/529>

Kaller, R.; Mureșan, A.V.; **Arbănași, E.M.***; Arbănași, E.M.; Kovács, I.; Horváth, E.; Suciu, B.A.; Hosu, I.; Russu, E. Uncommon Surgical Management by AVF between the Great Saphenous Vein and Anterior Tibial Artery for Old Radiocephalic AVF Failure. *Life* **2022**, *12*, 529. <https://doi.org/10.3390/life12040529>

IF: 3.251, Corresponding author

Case Report: Gigantic Arteriovenous Femoral Fistula Following Cardiac Artery Catheterization

2022 <https://www.frontiersin.org/articles/10.3389/fsurg.2022.769302/full>

Russu E, Mureșan AV, Kaller R, Coșarcă CM, Arbănași EM, **Arbănași EM**. Case Report: Gigantic Arteriovenous Femoral Fistula Following Cardiac Artery Catheterization. *Front Surg*. 2022;9:769302. Published 2022 Feb 7. doi:10.3389/fsurg.2022.769302

IF: 2.568, Last author

Innovative Technical Solution Using the Renal Artery Stump after Nephrectomy as an Inflow Artery for Lower Limb Revascularization—A Case Report

2022 <https://www.frontiersin.org/articles/10.3389/fsurg.2022.864846/full>

Russu E, Mureșan AV, Kaller R, Toma L, Coșarcă CM, Chibeleian CB, **Arbănași EM*** and Arbănași EM (2022) Innovative Technical Solution Using the Renal Artery Stump after Nephrectomy as an Inflow Artery for Lower Limb Revascularization—A Case Report. *Front. Surg.* 9:864846. ISSN: 2296-875X, doi: 10.3389/fsurg.2022.864846

FI: 2.568, Corresponding author

Polytetrafluorethylene Prosthesis Interposition in Vascular Access

2022 <https://revmaterialeplastice.ro/pdf/1RUSU E 2 22.pdf>

RUSSU, E., MURESAN, A.V., ARBANASI, E.M., NEDELEA, D., SUCIU, B.A., **ARBANASI, E.M.***, KALLER, R., Polytetrafluorethylene Prosthesis Interposition in Vascular Access, *Mater. Plast.*, 59(2), 2022, 1-8. ISSN: 2668-8220; <https://doi.org/10.37358/MP.22.2.5579>

FI: 0.782, Corresponding author

Severe Focal Stenosis of the Abdominal Aorta with High Risk of Occlusion

2021 <https://www.interdisciplinary.ro/article/severe-focal-stenosis-of-the-abdominal-aorta-with-high-risk-of-occlusion/>

Arbănași EM, Mureșan AV, Russu E*, Arbănași EM. Severe Focal Stenosis of the Abdominal Aorta with High Risk of Occlusion. Journal of Interdisciplinary Medicine 2021. DOI: 10.2478/jim-2021-0037

ISI without Impact Factor, First author

Late Rupture of a Thrombosed Aortic Abdominal Aneurysm – a Case Report

2021 <https://www.jce.ro/article/late-rupture-of-a-thrombosed-aortic-abdominal-aneurysm-a-case-report/>

Arbănași EM, Russu E*, Mureșan AV, Arbănași EM. Late Rupture of a Thrombosed Aortic Abdominal Aneurysm – a Case Report. Journal of Cardiovascular Emergencies 2021;7(3):84-87. DOI: 10.2478/jce-2021-0012

ISI without Impact Factor, First author

The Neutrophil-to-Lymphocyte Ratio's Predictive Utility in Acute Pulmonary Embolism: Systematic Review

2022 <https://www.jce.ro/article/the-neutrophil-to-lymphocyte-ratios-predictive-utility-in-acute-pulmonary-embolism-systematic-review/>

Arbănași, E.M.; Mureșan, A.V.; Arbănași, E.M.; Kaller, R.; Cojocaru, I.I.; Coșarcă, C.M.; Russu, E. The Neutrophil-to-Lymphocyte Ratio's Predictive Utility in Acute Pulmonary Embolism: Systematic Review. J. Cardiovasc. Emergencies 6. ISSN:2457-5518; Doi:10.2478/jce-2022-0005

ISI without Impact Factor, First author

Fatal Aortoduodenal Fistula Caused by a Ruptured Abdominal Aortic Aneurysm-a Case Report

2021 <https://www.jce.ro/article/fatal-aortoduodenal-fistula-caused-by-a-ruptured-abdominal-aortic-aneurysm-a-case-report/>

Kaller R, Mureșan AV, Popa DG, **Arbănași EM***, Russu E. Fatal Aortoduodenal Fistula Caused by a Ruptured Abdominal Aortic Aneurysm - a Case Report. Journal of Cardiovascular Emergencies 2021;7(4): 129-132. DOI: 10.2478/jce-2021-0015

ISI without Impact Factor, Corresponding author

Ulnar-basilic arteriovenous fistula with multilocular gigantic aneurysmal dilatation: a case report

2021 <https://ojs.actamedicamarisiensis.ro/index.php/amm/article/view/111>

Arbanasi, E., Russu, E., Muresan, A., Arbanasi, E. and Kaller, R. 2021. Ulnar-basilic arteriovenous fistula with multilocular gigantic aneurysmal dilatation: a case report. Acta Marisiensis - Seria Medica. 67, 4 (Oct. 2021). DOI:https://doi.org/10.2478/amma-2021-0035.

BDI, First author

Imminent Rupture of Large Common Iliac Artery, Open Repair

2022 <https://www.interdisciplinary.ro/wp-content/uploads/2022/05/jim-2022-0001-1.pdf>

Arbănași EM, Arbănași EM*, Mureșan AV, Kaller R, Russu E. Imminent Rupture of Large Common Iliac Artery, Open Repair. Journal of Interdisciplinary Medicine 2021. DOI: 10.2478/jim-2022-0001

BDI, First author

CONFERENCES AND SEMINARS

19/10/2022 – 21/10/2022 > – Sibiu, Romania

National Congress of the Vascular Surgery Society 5th edition

21/05/2021 – 23/05/2021

Workshop, Romanian Society of Vascular Surgery

10/07/2021 – 10/07/2021

Webinar Alfasigma - Vessel Due F

15/10/2020 – 17/10/2020

National Congress of the Vascular Surgery Society 4th edition