



Curriculum vitae

Europass

Informații personale

Nume / Prenume **Opincariu Diana Elena**

Adresă(e)

Telefon(oane)

E-mail(uri)

Naționalitate(-tăți)

Data nașterii

Sex

Experiența profesională

Perioada 02.2018 - prezent

Funcția sau postul ocupat **Asistent universitar perioada determinata**

Activități și responsabilități principale Activitati didactice in cadrul stagiului practice de Medicina interna - Cardiologie

Numele și adresa angajatorului Universitatea de Medicina, Farmacie, Stiinte si Tehnologie "George Emil Palade" Tirgu Mures

Tipul activității sau sectorul de activitate Activitati didactice

Perioada 06.2016 - prezent

Funcția sau postul ocupat **Managing editor**

Activități și responsabilități principale - implicare in activitățile editoriale ale publicației

Numele și adresa angajatorului Journal of Interdisciplinary Medicine - www.interdisciplinary.ro

Tipul activității sau sectorul de activitate Editare articole de specialitate

Perioada 01.2016 - prezent

Funcția sau postul ocupat **Medic rezident Cardiologie**

Activități și responsabilități principale desfașurarea activităților clinice zilnice, însușirea aspectelor teoretice și practice legate de pregătirea în rezidențiat

Tipul activității sau sectorul de activitate Sanatate

Educație și formare

Perioada 10.2016 - prezent

Caloificarea/Diploma obtinuta Student doctorand

Disciplinele principale studiate	Cardiologie
Numele și tipul instituției de învățământ / furnizorului de formare	Scoala Doctorala din Universitatea de Medicina, Farmacie, Stiinte si Tehnologie "George Emil Palade" Tirgu Mures
Perioada	2009-2015
Calificarea / diploma obținută	Doctor- Medic (Seria C Nr. 0017390)
Disciplinele principale studiate / competențe profesionale dobândite	Medicină generală
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea de Medicină și Farmacie Tirgu-Mureș, Facultatea de Medicină, Specializarea Medicina Generala
Disciplinele principale studiate / competențe profesionale dobândite	High level educational
Perioada	2005-2009
Calificarea / diploma obținută	Bacalaureat (Seria X nr. 0171132)
Disciplinele principale studiate / competențe profesionale dobândite	Profilul real, Specializarea Stiintele Naturii
Numele și tipul instituției de învățământ / furnizorului de formare	Colegiul National „Lucian Blaga” Sebes
Nivelul în clasificarea națională sau internațională	Medium level education
Participare la manifestări științifice	

- 12.2019 Congresul European Euro Echo Imaging 2019, Viena, Austria
- 10.2019 A XIX-a Conferinta de Cardiologie cu Participare Nationala CardioNET, Tîrgu Mureș
- 09.2019 Congresul National de Cardiologie Sinaia 2019
- 03.2019 Congresul European Acute Cardiovascular Care, ACCA, 2019, Malaga Spain
- 12.2018 Congresul European Euro Echo Imaging 2018, Milano, Italy
- 09.2018 Congresul National de Cardiologie Sinaia 2018
- 07.2018 A XVIII-a Conferinta de Cardiologie cu Participare Nationala CardioNET, Tîrgu Mureș
- 06.2017 A XVII-a Conferinta de Cardiologie cu Participare Nationala CardioNET, Tîrgu Mureș
- 06.2016 A XVI-a Conferinta de Cardiologie cu Participare Nationala CardioNET, Tîrgu Mureș
- "PhD Scientific Days 2016" la Universitatea Semmelweis, Budapesta

04.2016

- 05.2014 Congresului Internațional pentru studenți, tineri medici și farmaciști Marisiensis 2014 Tîrgu Mureș cu lucrarea - „Correlation between post-PTCA resolution of ST segment and mortality in STEMI patients”
- 04.2015 Participare la conferinta HEART- Healthcare, Education and Research Talks, Cluj-Napoca Romania

Distinctii Premiul II in cadrul Congresului National de Cardiologie, Sinaia 2018, "Sesiunea tinerilor cercetatori" pentru lucrarea "*Relația dintre volumul țesutului adipos epicardic și markerii de vulnerabilitate de la nivelul plăcilor aterosclerotice coronariene la pacienții cu angina instabilă*"

Premiul I in cadrul Congresului Internațional pentru studenți, tineri medici și farmaciști Marisiensis 2014 Tîrgu Mureș pentru lucrarea „*Correlation between post-PTCA resolution of ST segment and mortality in STEMI patients*”

Activitate științifică
Pana in prezent

Lista de publicatii

Articole in extenso publicate în reviste cotate ISI Thomson Reuters cu factor de impact

1. **Opincariu D**, Benedek T, Chițu M, Raț N, Benedek I. From CT to artificial intelligence for complex assessment of plaque-associated risk. Int J Cardiovasc Imaging. 2020 Jul 2. doi: 10.1007/s10554-020-01926-1. Epub ahead of print. PMID: 32617720.
2. Emese Rapolti, **Diana Opincariu**, Imre Benedek, Istvan Kovacs, Mihaela Ratiu, Nora Rat, Theodora Benedek. Computer-Aided Biomedical Imaging of Periliac Adipose Tissue Identifies Perivascular Fat as a Marker of Disease Complexity in Patients with Lower Limb Ischemia. Appl. Sci. 2020;10:4456; doi:10.3390/app10134456
3. Nora Rat, Iolanda Muntean*, Diana **Opincariu**, Liliana Gozar, Rodica Toganel, Monica Chitu. Cardiovascular Imaging for Guiding Interventional Therapy in Structural Heart Diseases. Current Medical Imaging Reviews, 2018 E-pub Ahead of Print. DOI : 10.2174/1573405614666180612081736 <http://www.eurekaselect.com/163008/article>. FI: 0.299
4. Capilna M, **Opincariu D**, Lazar E. Response to Expression of Programmed Cell Death-1 and Its Ligand B7 Homolog 1 in Peripheral Blood Lymphocytes From Patients With Peripartum Cardiomyopathy. Clin Cardiol. 2017 Jul;40(7):513-514. doi: 10.1002/clc.22704.
5. Molnar C, **Opincariu D**, Benedek T, Toma M, Nicolescu C. Association between varicose veins anatomical pattern and procedural complications following endovascular laser photothermolysis for chronic venous insufficiency. Braz J Med Biol Res. 2019;52(4): e8330. FI 1.85
6. Benedek A, Cernica D, Mester A, **Opincariu D**, Hodas R, Rodean I, Keri J, Benedek T. Modern Concepts in Regenerative Therapy for Ischemic Stroke: From Stem Cells for Promoting Angiogenesis to 3D-Bioprinted Scaffolds Customized via Carotid Shear Stress Analysis. Int J Mol Sci. 2019;20(10);2574. FI: 4.18
7. Morariu M, Hodas R, Benedek T, Benedek I, **Opincariu D**, Mester A, Chitu M, Kovacs I, Rezus C, Pasaroiu D, Mitra N, Szilágyi SM, Georgescu D, Rezus E. Impact of inflammation-mediated response on pan-coronary plaque vulnerability, myocardial viability and ventricular remodeling in the postinfarction period - the VIABILITY study. Medicine (Baltimore). 2019;98(17): e15194. FI: 1.87
8. Susca MG, Hodas R, Benedek T, Benedek I, Chitu M, **Opincariu D**, Chiotoriu A, Rezus C. Impact of cardiac rehabilitation programs on left ventricular remodeling after acute myocardial infarction: Study Protocol Clinical Trial (SPIRIT Compliant). Medicine (Baltimore). 2020;99(16):e19759. doi:10.1097/MD.00000000000019759. FI: 1.87

Articole in extenso publicate în reviste cotate ISI fara factor de impact si BDI

1. Licu RA, Blîndu E, **Opincariu D**, Benedek T. Vulnerable Plaques Producing an Acute Coronary Syndrome Exhibit a Different CT Phenotype than Those That Remain Silent. *Journal of Cardiovascular Emergencies* 2020;6:26-34. DOI: 10.2478/jce-2020-0008
2. **Diana Opincariu**. Medical Research During the COVID-19 Pandemic – Two Faces of the Same Coin. *Journal of Interdisciplinary Medicine*. 2020;5(1)7-9. DOI: 10.2478/jim-2020-0005
3. **Diana Opincariu**, Roxana Hodas. Mobilization of Patients Suffering from Acute Myocardial Infarction – When Is It Too Early? *Journal of Cardiovascular Emergencies*. 2019;5(3):99-103.
4. Dan Pășăroiu, Zsolt Parajko, Noemi Mitra, **Diana Opincariu**. Electrical Storm Due to Active Myocardial Ischemia in the Right Coronary Artery Territory – Case Report. *Journal of Cardiovascular Emergencies*. 2019; 5(1):72-77.
5. Ioana Cîrneală, **Diana Opincariu**, István Kovács, Monica Chițu, Imre Benedek. Predictors of Left Ventricular Remodeling Post Acute Myocardial Infarction. Protocol for a Clinical Study. *Journal of Interdisciplinary Medicine*. 2019;4(3):120-123.
6. **Diana Opincariu**. Triple Antithrombotic Therapy – Is It History or Should We Still Do It? *Journal of Interdisciplinary Medicine*. 2019;4(2):07-08.
7. Evelin Szabó, **Diana Opincariu**, Zsolt Parajkó, Noémi Mitra, Theodora Benedek, Imre Benedek. Association between the Incidence of Sudden Cardiac Arrest and the Location of Culprit Lesions in STEMI Patients – Design of a Prospective Clinical Study. *Journal of Interdisciplinary Medicine*. 2019;4(2):72-76.
8. Dan Pășăroiu, Zsolt Parajkó, Ionuț Ferent, **Diana Opincariu**, Annabell Benedek. Coronary Shear Stress after Implantation of Bioresorbable Scaffolds – a Modern Interdisciplinary Concept at the Border between Interventional Cardiology and Cardiac Imaging. *Journal of Interdisciplinary Medicine*. 2019;4(1):11-18.
9. Evelin Szabó, Zsolt Parajkó, **Diana Opincariu**, Monica Chițu, Nóra Raț, Imre Benedek. A Genomic Approach to Characterize the Vulnerable Patient – a Clinical Update. *Journal of Interdisciplinary Medicine*. 2019;4(3):141-144.
10. Zsolt Parajkó, András Mester, István Kovács, Lehel Bordi, Ioana Cîrneală, **Diana Opincariu**, Nóra Raț, Monica Chițu, Imre Benedek. Noninvasive Functional Characterization of Coronary Plaques by Coronary Computed Tomography – Beyond the Morphology of Vulnerable Plaques. *Journal of Interdisciplinary Medicine*. 2019;4(3):132-135.
11. **Diana Opincariu**. Chronic Coronary Syndromes – the ESC Redefines the Concept of Stable Coronary Artery Disease. *Journal of Interdisciplinary Medicine*. 2019;4(4):177-180.
12. **Opincariu Diana**, Chitu Iulia Monica. Atrial Fibrillation and Acute Myocardial Infarction - an Inflammation-mediated Association. *Journal of Cardiovascular Emergencies*. 2018; 4(3): 123-132.
13. Victoria Rus, **Diana Opincariu**, Roxana Hodas, Tiberiu Nyulas, Marian Hintea, Theodora Benedek. Interrelation between Altered Nutritional Status and Clinical Outcomes in Patients with Acute Myocardial Infarction Admitted in a Tertiary Intensive Cardiac Care Unit. *Journal of Cardiovascular Emergencies*. 2018; 4(1):32-40.
14. Nóra Raț, **Diana Opincariu**, Emese Márton, Ramona Zavate, Mirela Pintican, Imre Benedek, Theodora Benedek. The Effect of Periplaque Fat on Coronary Plaque Vulnerability in Patients with Stable Coronary Artery Disease – a 128-multislice CT-based Study. *Journal of Interdisciplinary Medicine* 2018;3(2):69-76. DOI: 10.2478/jim-2018-0019

15. Nóra Raț, **Diana Opincariu**, Ciprian Blendea, Roxana Cucuruzac, Pirvu Mirela, Monica Chitu, Imre Benedek, Theodora Benedek. The Effect of Epicardial Fat on the Right and Left Ventricular Function in Subjects with Various Etiological Types of Pulmonary Arterial Hypertension. *Journal of Interdisciplinary Medicine* 2018;3(2):84-89. DOI: 10.2478/jim-2018-0020
16. **Diana Opincariu**, Theodora Benedek, Manuela Chibelea. Study Design – the First Step for a Successful Research. *Journal of Interdisciplinary Medicine* 2018;3(1):7-9 DOI: 10.2478/jim-2018-0011.
17. Benedek T, **Opincariu D**, Rat N, Hodas R, Mester A, Benedek I. The Assessment of Epicardial Adipose Tissue in Acute Coronary Syndrome Patients. A Systematic Review. *Journal of Cardiovascular Emergencies*. 2017;3:18-29. DOI: 10.1515/jce-2017-0003.
18. Morariu M, Bordi L, **Opincariu D**, et al. New Developments in Magnetic Resonance Imaging of Myocardial Diseases – Technical Aspects and Clinical Applications. *Journal of Interdisciplinary Medicine* 2017;2(1):17-21. DOI: 10.1515/jim-2017-0022
19. **Opincariu D**, Rat N. Interdisciplinary Approach at the Border Between Hematology and Cardiology. *Journal of Interdisciplinary Medicine*. 2017;2:7-8. DOI: 10.1515/jim-2017-0035.DOI: 10.1515/jim-2017-0050
20. **Diana Opincariu**, Daniel Cernica, Marius Orzan, Monica Chițu, Zsuzsanna Suci, Nora Rat, Theodora Benedek, Imre Benedek. High-Risk Coronary Plaques Complicated with Acute Coronary Syndrome in Young Patients. *Journal of Interdisciplinary Medicine* 2017;2(2):152-156.
21. András Mester, Balázs Oltean-Péter, Ioana Rodean, **Diana Opincariu**, Alexandra Stănescu, Erzsébet Lázár, István Benedek Jr, Imre Benedek, István Benedek. Magnetic Resonance Imaging of Myocardial Function Following Intracoronary and Intramyocardial Stem Cell Injection. *Journal of Interdisciplinary Medicine*. 2017;2(2):112-116. DOI: 10.1515/jim-2017-0053
22. **Diana Opincariu**, Andras Mester, Mihaela Ratiu, Nora Rat, Lehel Bordi, Roxana Hodas, Mirabela Morariu, Beata Jako, Camelia Tanasuc, Zsuzsanna Suci. Factors Associated with One-year Mortality in Patients with Acute Pulmonary Embolism. *Journal of Cardiovascular Emergencies*. 2016;2(2):63-70.
23. **Opincariu D**, Chițu M, Rat N, Benedek I. Integrated ST segment elevation scores and in-hospital mortality in STEMI patients undergoing primary PCI. *Journal of Cardiovascular Emergencies*. 2016;2:114-121. DOI: 10.1515/jce-2016-0018
24. **Diana Opincariu**, Andras Mester, Mihaela Dobra, Nora Rat, Roxana Hodas, Mirabela Morariu, Beata Jako, Zsuzsanna Suci. Prognostic Value of Epicardial Fat Thickness as a Biomarker of Increased Inflammatory Status in Patients with Type 2 Diabetes Mellitus and Acute Myocardial Infarction. *Journal of Cardiovascular Emergencies*. 2016;2(1):11-18.
25. Mirabela Morariu, **Diana Opincariu**, Alexandra Stănescu. Perfusion Computed Tomography for the Assessment of Myocardial Viability – a Case Series. *Journal of Interdisciplinary Medicine*. 2016;1(1):59-74.
26. Beata Jako, Laura Jani, **Diana Opincariu**, Andras Mester, Istvan Kovacs, Monica Chitu. A Massive Aortic Intramural Haematoma – an Aortic Emergency. *Journal of Cardiovascular Emergencies*. 2016;2(1):32-36.
27. **Diana Opincariu**, Alexandra Stănescu, Alina Corduneanu, Laura Jani, Andras Mester, Balazs Oltean Peter, Monica Chitu, Imre Benedek - Persistent Left Superior Vena Cava Associated with Hemiazzygos Vein Draining in It and Absence of Left Brachiocephalic Vein, in a Patient with Congenital Heart Defect. – *Journal of interdisciplinary medicine*. 2016;1(2):201-205. DOI: 10.1515/jim-2016-0041

28. Pop S, Hodas R, Benedek E, **Opincariu D**, Rat N, Jani L, Stanescu A, Chitu M, Benedek I, Benedek T. Predictors of Left Ventricular Remodeling after Revascularized Acute Myocardial Infarction. J Interdisc Med. 2016;1:62-70.
29. Mester A, Chițu M, Rat N, **Opincariu D** et al. CT Determination of Fractional Flow Reserve in Coronary Lesions. Journal of Interdisciplinary Medicine. 2016;1:237-241.
30. Hodas R, Pop S, **Opincariu D**, Rat N, Jani L, Stanescu A, Benedek E, Benedek I, Benedek T, Chitu M. Correlations Between Severity of Coronary Lesions and Epicardial Fat Volume in Patients with Coronary Artery Disease – a Multislice CT-based Study. J Interdisc Med. 2016;1:71-78.
31. Mihaela Rațiu, Nora Rat, Sebastian Condrea, Alexandra Stănescu, **Diana Opincariu**, András Mester, Laura Jani, Imre Benedek, Theodora Benedek. Noninvasive Assessment of Coronary Artery Disease: Fractional Flow Reserved Derived from Coronary Computed Tomography Angiography (FFRCT). J Interdisc Med. 2016;1:137-141.
32. Monica Chițu, Nora Rat, **Diana Opincariu**, Alexandra Stănescu, András Mester, Theodora Benedek, Imre Benedek. Invasive FFR — Current Applications and New Developments. J Interdisc Med. 2016;1:231-236.
33. Alexandra Stănescu, **Diana Opincariu**, Nora Rat, Mirabela Morariu, Sebastian Condrea, Imre Benedek, Theodora Benedek. Hybrid Imaging in the Assessment of Myocardial Ischemia and Viability. J Interdisc Med. 2016;1:242-246.
34. Tiberiu Nyulas, Monica Chițu, András Mester, Laura Jání, Sebastian Condrea, **Diana Opincariu**, István Kovács, Imre Benedek, Theodora Benedek. Computed Tomography Biomarkers of Vulnerable Coronary Plaques. J Interdisc Med. 2016;1:263-266
35. Theodora Benedek, András Mester, Annabell Benedek, Nora Rat, **Diana Opincariu**, Monica Chițu. Assessment of Coronary Plaque Vulnerability in Acute Coronary Syndromes using Optical Coherence Tomography and Intravascular Ultrasound. A Systematic Review. J Cardiovasc Emerg. 2016;2:173-184.

Lista lucrarilor publicate în rezumat în volume unor manifestări științifice internaționale (cu ISSN sau ISBN)

1. **D Opincariu**, N Rat, A Mester, R Hodas, D Cernica, D Pasaroiu, M Ratiu, M Chitu, I Kovacs, I Benedek, T Benedek. Site specific phenotype of atherosclerotic lesions according to plaque location within the coronary tree, a CCTA based study. European Heart Journal - Cardiovascular Imaging EuroEcho Imaging 2019. Viena, Austria 21, Issu suppl. 1 2020 jez319.209
2. R Cernica, I Ferent, A Mester, **D Opincariu**, R Hodas, I Rodean, M Chitu, T Benedek, I Benedek. Feasibility of CCTA in assessment of luminal changes and coronary shear stress evolution after implantation of bioresorbable vascular scaffolds. Viena, Austria 21, Issu suppl. 1 2020 jez319.1168. European Heart Journal - Cardiovascular Imaging EuroEcho Imaging 2019.
3. Mester A, Benedek T, Ratiu M, Morariu M, Benedek A, Hodas R, **Opincariu D**, Rat N, Chitu M, Benedek I. Persistently increased inflammatory status in the first days post MI is associated with larger myocardial scar, higher transmural extent and deterioration of ventricular function at 1 month. European Heart Journal – Cardiovascular Imaging EuroCMR 2019 Venetia, Italia 20, issue suppl. 2. 2019;jez123.004
4. Marian Dorin; **Opincariu Diana**; Benedek Theodora. Boerhaave syndrome presenting as an acute coronary event in a middle-aged woman. CHEST Journal. CHEST Annual Meeting 2019 New Orleans, SUA 156, Issue 4, suppl. 2019:A241.
5. N. Rat, I. Benedek, M. Ratiu, M. Chitu, M. Morariu, R. Hodas, SZ. Korodi, **D. Opincariu**, T. Benedek. Pericoronary epicardial fat surrounding vulnerable coronary plaques is associated with increased plaque burden and

remodeling, a CT-based substudy of the PlaquelImage project. EuroEcho-Imaging 2018, Abstract number: 91148. Milano Italy, December 2018.

6. **D. Opincariu**, T. Benedek, N. Rat, M. Ratiu, I. Ferent, M. Morariu, A. Mester, K. Banga, I. Benedek. Epicardial fat volume is associated with vulnerability features of culprit coronary plaques in patients with unstable angina, a computed tomographic based study. EuroEcho-Imaging 2018, Abstract number: 91150, Milano Italy December 2018.

7. M Ratiu, A Benedek, N Rat, E Marton, **D Opincariu**, T Benedek, I Benedek. Correlations between plaque eccentricity, severity of luminal narrowing and characteristics of plaque vulnerability - A CT based substudy of the PlaquelImage project. EuroEcho-Imaging 2018, Abstract number: 91342. Milano Italy, December 2018.

8. Benedek T, **Opincariu D**, Chitu M, Rat N, Morariu M, Benedek E, Benedek I. *Integrated score of ST segment resolution following primary PCI - a new predictor of 1 year mortality in STEMI*. European Heart Journal. 2016;37(suppl 1):1342-1342. ISSN: 0195-668X. **Factor de impact 20.21**

9. **D.E. Opincariu**, O.C Moldovan, D. Balan, I. Benedek, T. Benedek – *Correlation between post-PTCA resolution of ST segment and mortality in STEMI patients* - International Scientific Congress for Students, Young Physicians and Pharmacists Targu Mures, mai 2014; Acta Medica Marisiensis, Suppl. 3, Vol. 60; ISSN: 2068 – 3324

Aptitudini și competențe personale

Limba(i) maternă(e) **Romana**

Limba străină cunoscută

Engleza:

Întelegere: C2

Vorbire: C2

Sciere: C2

*C2- Utilizator experimentat

Competențe și abilități sociale Abilități de comunicare verbală și nonverbală; Capacitatea de a lucra în echipă, seriozitate, dinamism, implicare

Competențe și aptitudini organizatorice Membru în comitetul de organizarea al congresului „A XVII-a Conferința de Cardiologie cu Participare Națională CardioNET”, iunie 2018

Membru în comitetul de organizarea al congresului „A XVII-a Conferința de Cardiologie cu Participare Națională CardioNET”, iunie 2017

Membru în comitetul de organizarea al congresului „A XVI-a Conferința de Cardiologie cu Participare Națională CardioNET”, iunie 2016

Apartenența la societăți și comitete științifice 2016 – prezent - Membru al Societății Române de Cardiologie

2018 – prezent - ESC Professional Member/EACVI Silver Membership/ ACCA Silver Membership

Competențe și aptitudini de utilizare a calculatorului Internet, MS Office Pack (Word, Excel, Power Point), softuri de statistică medicală (GraphPad Prism, MedCalc)

Alte competențe și aptitudini Hobby: gatit, muzică, literatură

23/11/2020