

Teza doctorat: "Noi markeri imagistici bazați pe modele tridimensionale hibride CT/RMN pentru cercetarea viabilității miocardice postinfarct", anul 2021, conducător științific Prof.Dr.Rodica Toganel,UMFST George Emil Palade targu Mures, calificativ obtinut "Magna Cum Laude"

## **I.Articole publicate in extenso**

### **1.Articole în reviste cotate ISI, cu factor de impact**

**Stănescu Gorea Alexandra**, Benedek Imre, Opincariu Diana, Hodas Roxana, Ratiu Mihaela, Benedek Theodora. Assessment of lesion-associated myocardial ischemia based on fusion coronary CT imaging - the FUSE-HEART study: A protocol for non-randomized clinical trial. Medicine (Baltimore). 2021 Apr 9;100(14):e25378. doi: 10.1097/MD.00000000000025378. **ISI**(FI:1.87).

### **2.Articole în reviste indexate BDI**

1. **Stănescu Alexandra**, Manuca Rares, Toganel Rodica, Cernica Daniel, Benedek Theodora, Benedek Imre. Hybrid Imaging to Assess the Impact of Vulnerable Plaque on Post Myocardial Infarction Myocardial Scar. Journal of Interdisciplinary Medicine.2021; Epub ahead of print. DOI: 10.2478/jim-2021-0014. **BDI**
2. **Alexandra Stănescu**, Diana Opincariu, Nora Rat, Mirabela Morariu, Sebastian Condrea, Imre Benedek, Theodora Benedek. Hybrid Imaging in the Assessment of Myocardial Ischemia and Viability. Journal of Interdisciplinary Medicine 2016;1(3):242-246. DOI: 10.1515/jim-2016-0071.**BDI**
3. Evelin Szabó, Diana Opincariu, András Mester, **Alexandra Stănescu**, Nora Rat, Theodora Benedek. Positive Remodeling – a Major Feature of Vulnerability in Patients with Non-Obstructive Coronary Artery Disease. Journal of Interdisciplinary Medicine 2021;6(1):3-7. DOI: 10.2478/jim-2021-0005.**BDI**
4. Evelin Szabó, Diana Opincariu, András Mester, Alexandra Stănescu, Nora Rat, Theodora Benedek. Positive Remodeling – a Major Feature of Vulnerability in Patients with Non-Obstructive Coronary Artery Disease. Journal of Interdisciplinary Medicine 2021;6(1):3-7.
5. Alexandra Stănescu, Imre Benedek, Mirabela Morariu, Mihaela Rațiu, Ramona Zavate, András Mester, Theodora Benedek. New Imaging-derived Biomarkers Based on Tridimensional CTA/MRI Hybrid Models for Complex Assessment of Myocardial Viability after Myocardial Infarction – the HYBRIDHEART Study. Journal of Interdisciplinary Medicine 2018; 3(1):16-20.
6. 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.

7. Alexandra Stănescu, Elisabeta Himcinschi, Mirabela Morariu, Nora Rat, Lehel Bordi, Mihaela Rațiu, Annabella Benedek , Imre Benedek, Theodora Benedek. Cardiac Computed Tomography Assessment in Acute Coronary Syndromes — Do We Have Time for It in Emergency Settings?. *Journal of Interdisciplinary Medicine* 2017; 2(2):142-145.
8. Tiberiu Nyulas, Mirabela Morariu, Monica Chitu, Alexandra Stănescu, Laura Jani, Edwin Benedek, Daniel Cernica, Elisabeta Himcinschi, Annabella Benedek, Imre Benedek. Positive Remodelling as a Biomarker of Plaque Vulnerability- at the Border between Invasive and Noninvasive Assessment. *Journal of Interdisciplinary Medicine* 2017;Mar 28;Epub ahead of print.
9. Monica Chitu, Nora Rat, Diana Opincariu, Alexandra Stănescu, Andras Mester, Theodora Benedek, Imre Benedek. Invasive FFR- Current Applications and New Developments. *Journal of Interdisciplinary Medicine* 2016; 1(3):231-236.
10. Andras Mester, Monica Chitu, Nora Rat, Diana Opincariu, Lehel Bordi, Alexandra Stănescu, Marius Orzan, Tiberiu Nyulas, Imre Benedek. CT Determination of Fractional Flow Reserve in Coronary Lesions. *Journal of Interdisciplinary Medicine* 2016; 1(3):237-241.
11. Mihaela Ratiu, Rat Nora, Sebastian Condrea, Alexandra Stănescu, Diana Opincariu, Andras Mester, Jani Laura, Imre Benedek, Theodora Benedek. Noninvasive Assessment of Coronary Artery Disease: Fractional Flow Reserved Derived from Coronary Computed Tomography Angiography(FFRCT). *Journal of Interdisciplinary Medicine* 2016; 1(2):137-141.
12. Marius Orzan, Alexandra Stănescu, Tiberiu Nyulas, Mirabela Morariu, Nora Rat, Sebastina Condrea, Imre Benedek. Transluminal Attenuation Gradient for the Noninvasive Assessment of Functional Significance in Coronary Artery Stenoses. *Journal of Interdisciplinary Medicine* 2016; 1(3):267-270.
13. Istvan Kovacs, Andras Mester, Lehel Bordi, Alexandra Stănescu, Sebastian Condrea, Monica Chitu. Annabell Benedek, Imre Benedek. Myocardial fibrosis and the Risk of Recurrence in Atrial Fibrillation. *Journal of Interdisciplinary Medicine* 2016; 1(3):259-262.
14. Diana Opincariu, Alexandra Stănescu, Alina Condureanu, Laura Jani, Andras Mester, Balasz Oltean Petert, Monica Chitu, Imre Benedek. Persistent Left Superior Vena Cava Associated with Hemiazygos 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.
15. Laura Jani, András Mester, Alexandra Stănescu, Sebastian Condrea, Monica Chițu, István Kovács, Imre Benedek, Theodora Benedek -*Factors Associated with Development*

*of in Coronary Stent Restenosis — the Results of a Multislice Computed Tomography 1-year Follow-up Study*, Journal of Interdisciplinary Medicine 2016;1(1):37-41.

16. Alina Cordunean , Roxana Hodaş, Sorin Pop, Nora Rat, Laura Jani, Alexandra Stănescu, Imre Benedek, Theodora Benedek -*Characteristics of Coronary Lesions in Small Vessel Disease Treated with Elective Stenting in Patients with Type 2 Diabetes Mellitus*, Journal of Interdisciplinary Medicine 2016;1(1):55-6.
17. Sorin Pop, Roxana Hodaş, Edvin Benedek, Diana Opincariu, Nóra Raţ, Laura Jani, Alexandra Stănescu, Monica Chiţu, Imre Benedek, Theodora Benedek - Predictors of Left Ventricular Remodeling after Revascularized Acute Myocardial Infarction, Journal of Interdisciplinary Medicine 2016;1(1):62-70.
18. Roxana Hodaş, Sorin Pop, Diana Opincariu, Nora Rat, Laura Jani, Alexandra Stănescu, Edvin Benedek, Imre Benedek, Theodora Benedek, Monica Chitu - *Correlations Between Severity of Coronary Lesions and Epicardial Fat Volume in Patients with Coronary Artery Disease — a Multislice CT-based Study*, Journal of Interdisciplinary Medicine 2016;1(1):71-78.
19. Marius Orzan, Edvin Benedek, András Mester, Theodora Benedek, Monica Chiţu, István Kovács, Alexandra Stănescu, Mihaela Dobra, Imre Benedek - *Correlations Between the Contrast Density Gradient along the Coronary Stents and Functional Significance of In-stent Restenosis*, Journal of Interdisciplinary Medicine 2016;1(1):79-82.
20. 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):83-87.
21. Szilamér Korodi, István Kovács, Edvin Benedek, András Mester, Laura Jani, Alexandra Stănescu, Imre Benedek - *Radiofrequency Catheter Ablation of Parahisian Accessory Pathway*, Journal of Interdisciplinary Medicine 2016;1(1):92-96.
22. Zsuzsanna Suciú, Alexandra Stănescu, Beáta Jakó- *The Functional Significance of Myocardial Bridges Determinated with 3D Polar Mapping Method*, Journal of Interdisciplinary Medicine 2016;1(1):103-104
23. Mihaela Dobra, Lehel Bordi, Tiberiu Nyulas, Alexandra Stănescu, Mirabela Morariu, Sebastian Condrea, Theodora Benedek. Computed Tomography — an Emerging Tool for Triple Rule-Out in the Emergency Department. A Review. Journal of Cardiovascular Emergencies 2017;3(1):36-40.
24. Edvin Benedek, Alexandra Stănescu, Marius Orzan, Nora Rat, István Kovács, Zsuzsanna Suciú - Characteristics of Neoatherosclerosis Within Implanted Coronary Stents in Patients with Acute Coronary Syndromes, Journal of Cardiovascular Emergencies 2016;1(2):19-26.

25. Balázs Bajka, Edvin Benedek, Alexandra Stănescu, Emese Rapolti, Monica Chițu, István Kovács - Treatment Difficulties in High Risk Pulmonary Embolism. A Case Report, Journal of Cardiovascular Emergencies 2016;1(2):37-42.

31.**Alexandra Stanescu**, Zsuzsanna Suciu, Nora Rat, Mirabela Morariu, Monica Chitu-CT-based Assessment of Myocardial Bridging in Patients with Acute Chest Pain and No Atherosclerotic Etiology, Journal of Cradiovascular Emergencies 2016; 2(2):71-75

## **II.Articole publicate în rezumat**

1. Bogdan Anca Catalina, **Stanescu Alexandra**, B.Sanziana, A.Sabau-Association Between Increased Body Mass Index and Left Ventricular Hypertrophy in Patients with Primary Hypertension-8 `th International Medical Congress for students and Young Doctors, 2015-(24)-ISSN-1843-0406