

LISTA DE LUCRĂRI - MEȘTER ANDRÁS

1. LUCRĂRI PUBLICATE ÎN EXTENSO ÎN REVISTE ISI CU FACTOR DE IMPACT

1. Ioan Florin Ferent, **Andras Mester***, Ota Hlinomaz, Ladislav Groch, Michal Rezek, Sitar Jan, Jiri Semenka, Martin Novak, Imre Benedek - Intracoronary Imaging for Assessment of Vascular Healing and Stent Follow-up in Bioresorbable Vascular Scaffolds. *Curr Med Imaging Rev.* 2020;16(2):123-134., DOI:10.2174/1573405614666180604093621. **IF: 0.299 (corresponding author)**
2. Benedek A, Cernica D, **Mester A**, et al. 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. Published 2019 May 25. doi:10.3390/ijms20102574 **IF: 4.556**
3. Cucuruzac R, Muntean I, Benedek I, **Mester A**, Rat N, Mitre A, Chitu M, Benedek T. Right Ventricle Remodeling and Function in Scleroderma Patients. *Biomed Res Int.* 2018;2018:4528148. Published 2018 Mar 20 **IF: 2.583**
4. Morariu M, Hodas R, Benedek T, Benedek I, Opincariu D, **Mester A**, Chitu M, Kovacs I, Rezus C, Pasarioiu 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: Protocol for a non-randomized prospective clinical study. *Medicine (Baltimore).* 2019 Apr;98(17):e15194. doi: 10.1097/MD.00000000000015194. **IF: 1.870**
5. Korodi S, Toganel R, Benedek T, **Mester A**, et al. Impact of inflammation-mediated myocardial fibrosis on the risk of recurrence after successful ablation of atrial fibrillation - the FIBRO-RISK study: Protocol for a non-randomized clinical trial. *Medicine (Baltimore).* 2019;98(9):e14504. doi:10.1097/MD.00000000000014504 **IF: 1.870**

2. LUCRĂRI PUBLICATE ÎN REVISTE ISI FARA FACTOR DE IMPACT

Autor principal

1. **Andras Mester** - MINOCA Today—Are We There Yet? *Journal of Cardiovascular Emergencies* 2019;5(3):89-91 DOI: 10.2478/jce-2019-0015
2. A Negovan, **A Mester**, D Dumitrașcu. Gastroenterological Perspectives on Acute Cardiac Care – the Management of Patients with Implanted Coronary Stents Following an Acute Coronary Syndrome. *Journal of Cardiovascular Emergencies* 2018;4(1):8-16. DOI: 10.2478/jce-2018-0006 (**corresponding author**)
3. Diana Opincariu, **András Mester**, Mihaela Dobra, Nora Rat, Roxana Hodas, Mirabela Morariu, Beáta Jakó, Zsuzsanna Suciú - 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 Journal of Cardiovascular Emergencies 2016;2(1):11-18, DOI: 10.1515/jce-2016-0003
(corresponding author)

4. Diana Opincariu, **András Mester**, Mihaela Rațiu, Nora Rat, Lehel Bordi, Roxana Ț Hodas, Mirabela Morariu, Beáta Jakó, Camelia Tănăsuc, Zsuzsanna Suciú - Factors Associated with One-year Mortality in Patients with Acute Pulmonary Embolism, Journal of Cardiovascular Emergencies 2016;2(2):63-70, DOI: 10.1515/jce-2016-0010
(corresponding author)

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5. Mirabela Morariu, Emese Márton, **András Mester**, Mihaela Rațiu, Imre Benedek. Association between Acute Inflammatory Response and Infarct Size in STEMI Patients Undergoing Primary PCI. Journal of Cardiovascular Emergencies 2018;4(3):140-146. DOI: 10.2478/jce-2018-0017
6. 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
7. Matei M, **Mester A**, Cernica D, Hodas R, Bordi L. Regional Wall Motion Abnormalities and Ventricular Function in Acute Peri-Myocarditis. Journal of Cardiovascular Emergencies. 2017;3:30-35. DOI:10.1515/jce-2017-0004
8. Benedek T, Mester A, Benedek A, Rat N, Opincariu D, Chițu M. Assessment of Coronary Plaque Vulnerability in Acute Coronary Syndromes using Optical Coherence Tomography and Intravascular Ultrasound. A Systematic Review. Journal of Cardiovascular Emergencies. 2016;2:173-184. DOI: 10.1515/jce-2016-0028.
9. Beáta Jakó, Laura Jani, Diana Opincariu, **András Mester**, István Kovács, Monica Chițu - A Massive Aortic Intramural Haematoma — an Aortic Emergency, Journal of Cardiovascular Emergencies 2016;2(1):32-36, DOI:10.1515/jce-2016-0006

3. LUCRĂRI PUBLICATE ÎN REVISTE BDI

Autor principal

1. **András Mester**, Imaging Bioresorbable Vascular Scaffolds – at the Border between Science and Technology. Journal of Interdisciplinary Medicine 2018;3(3):131-13. DOI: 10.2478/jim-2018-0036
2. **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):112-11. DOI: 10.1515/jim-2017-0053
3. **Mester A**, Chițu M, Rat N, et al. CT Determination of Fractional Flow Reserve in Coronary Lesions. Journal of Interdisciplinary Medicine. 2016;1:237-241.

4. **András Mester**, Laura Jáni, Monica Chi u - Left Ventricle Noncompaction in a Young t Adult, Journal of Interdisciplinary Medicine 2016;1(2):206-207 DOI: 10.1515/jim-2016-0042, (ISSN: 2501 - 8132)
5. Zsolt Parajkó, **András Mester**, Dan Pășăroiu, Theodora Benedek, Imre Benedek - Factors Associated with Sub-intimal Coronary Artery Dissection in MINOCA Patients with Delayed Washout at Coronary Angiography – Protocol for an Observational, OCT-based Study Journal of Interdisciplinary Medicine 2019;4(2):59-63, DOI: 10.2478/jim-2019-0014 (**corresponding author**)
6. Diana Opincariu, **András Mester**, Imre Benedek, István Benedek- Stem Cell Therapies in Peripheral Vascular Diseases — Current Status - Journal of Interdisciplinary Medicine 2017;2(S4):12-19 DOI: 10.1515/jim-2017-0093 –(**corresponding author**)
7. Kovács I, **Mester A**, Lehel B, et al. Myocardial Fibrosis and the Risk of Recurrence in Atrial Fibrillation. Journal of Interdisciplinary Medicine. 2016;1:259-262. – (**corresponding author**)
8. 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, DOI: 10.1515/jim-2016-0008(ISSN: 2501 - 5974) - (**corresponding author**)
9. Emese Rapolti, Theodora Benedek, István Kovács, Szilamér Korodi, Zsuzsanna Suci, Sebastian Condrea, Edvin Benedek, **András Mester**, Imre Benedek - Association Between Severity of Peripheral Artery Disease Angio CT-derived Coronary Syntax Score in Patients with Critical Limb Ischemia - Journal of Interdisciplinary Medicine 2016;1(1):42-45, DOI: 10.1515/jim-2016-0009 -(ISSN: 2501 - 5974) –(**corresponding author**)
10. Szilamér Korodi, **András Mester**, István Kovács - The Importance of Three Dimensional Electroanatomical Mapping in Radiofrequency Ablation of Scar Related Atrial Flutter, Journal of Interdisciplinary Medicine 2016;1(1):105-106, DOI: 10.1515/jim-2016-0021,(ISSN: 2501 - 5974), –(**corresponding author**)
11. Laura Jáni, **András Mester**, Balázs Oltean Péter - Huge Vegetation on Aortic Valve in a Young Patient with Infective Endocarditis Caused by Enterococcus Faecalis, Journal of Interdisciplinary Medicine 2016;1(2):208-209, DOI: 10.1515/jim-2016-0043, (ISSN: 2501 - 5974) –(**corresponding author**)

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12. 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 DOI: 10.2478/jim-2018-0009
13. Laura Jáni, **András Mester**, Roxana Hodas et al. - Computed Tomography Assessment of Coronary Fistulas. Journal of Interdisciplinary Medicine. 2017;2(2):157-16. DOI: 10.1515/jim-2017-0052
 14. Chițu M, Benedek T, Rat N, Hodas R, **Mester A**, Benedek A, Bordi L, Bendek I. Low Density Carotid Plaques and the Risk of Stroke. Journal of Interdisciplinary Medicine. 2017;2:22-26. DOI: 10.1515/jim- 2017-0024.
 15. Monica Chițu , Nora Rat, Diana Opincariu, Alexandra Stănescu, **András Mester**, Theodora Benedek, Imre Benedek - Invasive FFR — Current Applications and New Developments. Journal of Interdisciplinary Medicine. 2016;1:231-236.
 16. Nyulas T, Chițu M, **Mester A**, et al. Computed Tomography Biomarkers of Vulnerable Coronary Plaques. Journal of Interdisciplinary Medicine. 2016;1:263-266.
 17. Marius Orzan, Edvin Benedek, **András Mester**, Theodora Benedek, Monica Chițu, István Kovács, Alexandra Stănescu, Mihaela Dobra, Imre Benedek - Correlations Between the Contrast Density Gradient along the Coronary Stents and Functional Significance - Journal of Interdisciplinary Medicine 2016;1(1):79-82, DOI: 10.1515/jim-2016-0015, (ISSN: 2501 - 5974)
 18. 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, DOI: 10.1515/jim-2016-0018, (ISSN: 2501 - 5974)
 19. 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), Journal of Interdisciplinary Medicine 2016;1(2):137-141, DOI: 10.1515/jim-2016-0030, (ISSN: 2501 - 8132)
 20. Diana Opincariu, Alexandra Stănescu, Alina Corduneanu, Laura Jáni, **András Mester**, Balázs Oltean Péter, Monica Chițu, 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 DOI: 10.1515/jim-2016-0041, (ISSN: 2501 - 8132)

4. ARTICOLE PUBLICATE ÎN REZUMAT

1. Congresul European Euro Echo Imaging 2019, Vienna, Austria Integrated ST segment elevation score as a new predictor of the myocardial scar extent determined with LGE-CMR at 1-month follow-up after STEMI. European Heart Journal-Cardiovascular Imaging 21 (Supplement_1), jez319. 866

2. Congresul European Acute Cardiovascular Care, ACCA, 2019, Malaga Spain - Association between the inflammatory response in the immediate post-acute phase and alteration of left ventricular function at 1 month in patients with STEMI undergoing primary PCI. *Acute Cardiovascular Care* 2019. (2019). *European Heart Journal: Acute Cardiovascular Care*, 8(1_suppl), 5–440. <https://doi.org/10.1177/2048872619829424>
3. Congresul European EuroCMR 2019, Venice, Italy - 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 – a cardiac magnetic resonance study. *European Heart Journal-Cardiovascular Imaging* 20 (Supplement_2), jez123. 004
4. Congresul European Euro Echo Imaging 2018, Milano, Italy - Vulnerable coronary plaques are associated with higher functional significance compared to non-vulnerable ones a computed tomography angiography-based study *European Heart Journal - Cardiovascular Imaging*, Volume 20, Issue Supplement_1, January 2019
6. Congresul National de Cardiologie Sinaia 2018 - Corelații între gradientul de contrast transluminal, semnificația funcțională și gradul de vulnerabilitate al plăcilor ateromatoase coronariene. *Romanian Journal of Cardiology*, Vol. 28 Supplement 2018
7. Congresul National de Cardiologie Sinaia 2019 - Scorul integrat al supradenivelării segmentului st ca nou predictor pentru extensia țesutului cicatriceal determinat prin rmn cardiac la o lună postinfarct miocardic.
8. Rápolti Emese, Benedek Theodora, Kovács István, Benedek Edvin, Jáni Laura, **Mester András**, Benedek Imre - Correlations between the severity of peripheral artery disease and the severity of coronary artery diseases, *Orvostudományi Értesítő* 2016, volumul 89., Supplement 2, Aprilie 2016, ISSN 1453-0953
10. Jáni Laura, Rát Nóra, Suciú Zsuzsanna, Jakó Beáta Ilona, **Mester András**, Benedek Theodora, Benedek Imre - Factors associated with a higher risk in patients with pulmonary embolism, *Orvostudományi Értesítő* 2016, volumul 89., Supplement 2, Aprilie 2016, ISSN 1453-0953
11. Korodi Szilamér, Kovács István, Benedek Edvin, **Mester András**, Rát Nóra, Benedek Theodora, Benedek Imre - Radiofrequency ablation of atrial fibrillation, *Orvostudományi Értesítő* 2016, volumul 89., Supplement 2, Aprilie 2016, ISSN 1453-0953
12. Balazs Bajka, Theodora Benedek, Monica Chitu, Istvan Kovacs, **Andras Mester**, Imre Benedek - CCTA and angiographic derived predictors for complex PCI in significant LM lesions, *Cardiologia Hungarica*, Supplementum F 2016; 46:F117 (ISSN 0133-5596)
13. Nyulas T, **Mester A**, Korodi Sz, Rápolti E, Craciun A, Benedek T, Benedek I - XV-a Conferință Națională de Cardiologie cu participare internațională –Correlations Between the ECG and Angiographic Aspects in Non-ST Elevation Myocardial Infarction Patients- *Acta Medica Marisiensis* Volum 61 Supplement 4, Iul 2015 (ISSN 2068-3324)

14. Bajka Balázs, Pál Kinga, Rápolti Emese, **Mester András**, Chitu Monica, Benedek Theodora, Benedek Imre - Correlations between total ischemia time and mortality in acute myocardial infarction - *Cardiologia Hungarica*, 2015, (ISSN 0133-5596)
Predictors of 1 Year Mortality in Patients Admitted with ST Elevated Myocardial Infarction- Bajka B,
15. Rapolti E, **Mester A**, Korodi Sz, Benedek T, Benedek I - XV-a Conferință Națională de Cardiologie cu participare internațională – *Acta Medica Marisiensis Volum 61 Supplement 4*, Iul 2015 (ISSN 2068-3324)