**Autor principal-articole ISI**

1. **Diana Aurora Bordejevic**, Florina Căruntu, Cristian Mornos, Ioan Olariu, Lucian Petrescu, Mirela Cleopatra Tomescu, Ioana Citu, Adelina Mavrea, Sorin Pescariu. Prognostic impact of blood pressure and heart rate at admission on in-hospital mortality after primary percutaneous intervention for acute myocardial infarction with ST-segment elevation in western Romania”. Therapeutics and Clinical Risk Management. 2017, 13, 1061-1068. ISSN 1176-6336 https://doi.org /10.2147/ TCRM. S141312, FI=1.995

2.**Diana Aurora Bordejevic** , Tudor Pârvănescu, Lucian Petrescu, Cristian Mornoș, Ioan Olariu, Simina Crișan,Cristina Văcărescu, Mihai Lazăr, Vlad Ioan Morariu, Ioana Mihaela Citu, Mirela Cleopatra Tomescu , Dragoș Cozma. Left Ventricular Remodeling and Heart Failure Predictors in Acute Myocardial Infarction Patients with Preserved Left Ventricular Ejection Fraction after Successful Percutaneous Intervention in Western Romania,. Therapeutics and Clinical Risk Management 2021:17 249–258 DOI: 10.2147/TCRM.S295251. FI=2.243

3. Arnautu, D.-A.; Andor, M.; Buz, B.-F.; Tomescu, M.-C.; Vacarescu, C.; Crisan, S.; Gaita, D.; Luca, C.-T.; Cozma, D. Left Ventricular Remodeling and Heart Failure Predictors in Acute Myocardial Infarction Patients with Preserved Left Ventricular Ejection Fraction after Successful Percutaneous Intervention in Western Romania. Life 2022, 12, 1636. https://doi.org/10.3390/life12101636 FI= 3.253

4. **Diana-Aurora Arnautu**, Sergiu-Florin Arnautu, Mirela-Cleopatra Tomescu, Silvia Luca, Constantin-Tudor Luca. Increased Left Atrial Stiffness is Significantly Associated with Paroxysmal Atrial Fibrillation in Diabetic Patients. Diabetes, Metabolic Syndrome and Obesity. 2023:16 2077–2087, DOI: 10.2147/DMSO.S417675 FI=3.3

5. **Diana-Aurora Arnautu**, Alexandru Gheorghiu, Sergiu-Florin Arnautu, Mirela-Cleopatra Tomescu, Claudiu-Daniel Malita\*,Christian Banciu,Cristina Vacarescu, Ioana Ionac, Silvia Luca, Dragos Cozma,Cristian Mornos, Dan Gaita and Constantin-Tudor Luca. Subtle Changes in Myocardial Work Indices Assessed by 2D-SpeckleTracking Echocardiography Are Linked with Pathological LV Remodeling and MACEs Following an Acute Myocardial Infarction Treated by Primary Percutaneous Coronary Intervention. Diagnostics 2023,13,3108-3124. https://doi.org/10.3390/diagnostics13193108 FI=3.6

6. Cochera F, Dinca D, **Bordejevic DA** (\*coresp), Citu IM, Mavrea AM, Andor M, Tomescu MC. ”Nebivolol effect on Doxorubicin-induced cardiotoxicity in breast cancer”, Cancer Management and Research, 2018:10, 2071-2081., IF:2.424 doi: 10.2147/CMAR.S166481

7. Florina Căruntu, **Diana Aurora Bordejevic** (corresponding author), Bogdan Buz, Alexandru Gheorghiu, Mirela Cleopatra Tomescu. Independent predictors of in-hospital and 1-year mortality rates in octogenarians with acute myocardial infarction. Reviews in Cardiovascular Medicine 2021: 22(2), 489-497 FI=4.43 DOI: 10.31083/j.rcm2202056

8.Sergiu Florin Arnăutu, Vlad Ioan Morariu, **Diana Aurora Arnăutu** (coresp), Mirela Cleopatra Tomescu, Traian Flavius Dan and Cătălin Dragos Jianu.‖Left Atrial Strain Helps Identifying the Cardioembolic Risk in Transient Ischemic Attacks Patients with Silent Paroxysmal Atrial Fibrillation.Therapeutics and Clinical Risk Management 2022:18 213–222. FI=2.8 doi: 10.2147/TCRM.S359490

9. Sergiu Florin Arnăutu, Vlad Ioan Morariu, **Diana Aurora Arnăutu** (coresp), Mirela Cleopatra Tomescu. The predictive value of carotid artery strain and strain-rate in assessing the 3-year risk for stroke and acute coronary syndrome in patients with metabolic syndrome.‖ Reviews in Cardiovascular Medicine 2022. FI=2.7 https://doi.org/10.31083/j.rcm2304146

10. Apostu, A.; Malita, D.; Arnautu, S.-F.; Tomescu, M.-C.; Gaiță, D.; Popescu, A.; Mare, R.; Gidea, R.; **Arnautu, D.-A.** Significant Association between Subclinical Left Cardiac Dysfunction and Liver Stiffness in Metabolic Syndrome Patients with Diabetes Mellitus and Non-Alcoholic Fatty Liver Disease. Medicina 2023, Febr 9, 59, 328, 1-13. https://doi.org/10.3390/medicina59020328. FI=2.6

11. Marc-Dan Blajovan, **Diana-Aurora Arnautu**\*, Daniel-Claudiu Malita, Mirela-Cleopatra Tomescu, Cosmin Faur, Sergiu-Florin Arnautu. Fall Risk in Elderly with Insomnia in Western Romania—A Retrospective Cross-Sectional Study Medicina. 2023. 59, 718. https://doi.org/10.3390/medicina59040718 FI=2.6

12. Alexandru Gheorghiu, Sergiu-Florin Arnautu\*, Milena Slovenski, Claudiu-Daniel Malita, Mirela-Cleopatra Tomescu, **Diana-Aurora Arnautu**. Myocardial Work Evaluation—A Useful Non-Invasive Method to Predict Coronary Artery Sub-Occlusion in a Patient with Unstable Angina and Multiple Myocardial Revascularization Interventions. Case Report. Diagnostics. 2023. 13, 1459. doi.org/10.3390/diagnostics13081459 FI=3.6

13**.** Sergiu-Florin Arnautu, **Diana-Aurora Arnautu**, Dragos-Catalin Jianu, Mirela-Cleopatra Tomescu, Marc-Dan Blajovan, Christian-Dragos Banciu & Daniel-Claudiu Malita (2024) Elderly Individuals Residing in Nursing Homes in Western Romania Who Have Been Diagnosed with Hearing Loss are at a Higher Risk of Experiencing Cognitive Impairment, Journal of Multidisciplinary Healthcare, 17:, 881-888, DOI: 10.2147/JMDH.S439282 FI=3.3

**Co-autor articole ISI**

1. Pogorevici A, Citu IM, **Bordejevic DA**, Caruntu F, Tomescu MC.ˮCanada acute coronary syndrome score was a stronger baseline predictor than age ≥75 years of in-hospital mortality in acute coronary syndrome patients in western Romaniaˮ, Clinical Intervention in Aging, 2016, Volume 2016:11, pages 481—488, http:// dx.doi.org/ 10.2147/CIA.S104943, IF:2,581

2. Mavrea AM, Dragomir T, **Bordejevic DA,** Tomescu MC( autor corespondent), Ancusa O, Marincu I, ˮCauses and predictors of hospital readmissions in patients older than 65 years hospitalized for heart failure with preserved left ventricular ejection fraction in western Romaniaˮ, Clinical Interventions in Aging 2015, 10:979-990, ISSN 1176-9092, http:// dx.doi.org /10.2147 /CIA . S83750, IF: 2,133

3. Andor M, Dehelean L, Romosan AM, Buda V, Radu G, Caruntu F, **Bordejevic A**, Manea MM, Papava I, Bredicean CA, Romosan RS, Tomescu M. A novel approach to cardiovascular disturbances in patients with schizophrenia spectrum disorders treated with long-acting injectable medication. Neuropsychiatric Disease and Treatment 2019, 15:349-355 DOI https://doi.org/10.2147/NDT.S186892, IF= 2.157

4. Valentina Buda, Minodora Andor, Carmen Cristescu, Mirela Cleopatra Tomescu, Danina M. Muntean, Dana Emilia Bâbâiță, **Diana Aurora Bordejevic**, Corina Danciu, Dorina coricovac,Zorin Crăiniceanu, Anca Tudor, Ionut Ledeti, Lucian Petrescu. Thrombospondin-1 Serum Levels In Hypertensive Patients With Endothelial Dysfunction After one Year Of Treatment With Perindopril. Drug Design, Development and Therapy 2019:13 3515–3526, FI=3,216. ISSN: 1177-8881DOI https://doi.org/10.2147/DDDT.S218428

5. Florin Borcan, Adel Len, **Diana A. Bordejevic**, Zoltan Dudas, Mirela C. Tomescu, Adina N. Valeanu. Obtaining and characterization of a polydisperse system uded as a transmembrane carrier for isosorbide derivatives. Nanoscience. Fronitiers in Chemistry. 2020, 8:492, 1-=13. doi: 10.3389/fchem.2020.00492, IF=4.625

6. V.I. Morariu, **D.A. Arnautu**, S.I. Morariu, A.M. Popa, T. Parvanescu, M. Andor, S. Abhinav, V.L. David, A. Ionescu, M.C. Tomescu. 2D speckle tracking: a diagnostic and prognostic tool of paramount importance. Eur Rev Med Pharmacol Sci 2022; 26 (11): 3903-3910. DOI: 10.26355/eurrev\_202206\_28958. FI=3.3

7. Valentina Buda, Minodora Andor, Anca Tudor, OCTAVIAN CREȚU, Carmen Cristescu, Corina Danciu, IONUT LEDEȚI, Zorin Crainiceanu, Mircea Onel, **Diana Aurora Bordejevic**, Mirela Cleopatra Tomescu, Oana Suciu, Lucian Petrescu, Dana Emilia Man. THE PLASMA LEVEL OF SOLUBLE ENDOGLIN IN HYPERTENSIVE PATIENTS UNDERGOING LONG-TERM TREATMENT WITH CANDESARTAN. Farmacia 2022. 2022, Vol. 70, 1. FI=1.6

8. Vacarescu, Cristina, Constantin-Tudor Luca, Horea Feier, Dan Gaiță, Simina Crișan, Alina-Gabriela Negru, Stela Iurciuc, Emilia-Violeta Goanță, Cristian Mornos, Mihai-Andrei Lazăr, Caius-Glad Streian, **Diana-Aurora Arnăutu**, Vladiana-Romina Turi, and Dragos Cozma. 2022. "Betablockers and Ivabradine Titration According to Exercise Test in LV Only Fusion CRT Pacing" Diagnostics 2022, 12(5), 1096; https://doi.org/10.3390/diagnostics12051096. FI= 3.6

9. Rednic, Robert, Iasmina Marcovici, Razvan Dragoi, Iulia Pinzaru, Cristina A. Dehelean, Mirela Tomescu, **Diana A. Arnautu**, Marius Craina, Adrian Gluhovschi, Mihaela Valcovici, and Aniko Manea. 2022. "In Vitro Toxicological Profile of Labetalol-Folic Acid/Folate Co-Administration in H9c2(2-1) and HepaRG Cells" Medicina 58, no. 6: 784. https://doi.org/10.3390/medicina58060784. FI= 2.6

10. Totorean I-C, Vacarescu C, Cozma D, Luca C-T, Feier H, Lazăr M-A, Deme M-A, Stoica S, **Arnautu D-A**, Gaiță D. Pacemaker Implantation in a Patient with Isolated Persistent Left Superior Vena Cava Draining into the Left Atrium: A Case Report and Brief Literature Review. Diagnostics. 2022; 12(11):2707. 1-7, https://doi.org/10.3390/diagnostics12112707 IF=3.6

11. Florina Căruntu, **Diana Aurora Bordejevic**, Mirela Cleopatra Tomescu (coresp), Ioana Cîtu. Clinical characteristics and outcomes in acute myocardial infarction patients aged ≥65 years in Western Romania. Rev Cardiovasc Med 2021 Sep 24;22(3):911-918. doi: 10.31083/j.rcm2203098.IF=4.43

12. Sergiu Florin Arnautu , **Diana Aurora Arnautu** , Ana Lascu, Andrei A. Hajevschi, Ciprian Ilie Ilie Rosca , Abhinav Sharma, Dragos Catalin Jianu. A Review of the Role of Transthoracic and Transesophageal Echocardiography, Computed Tomography, and Magnetic Resonance Imaging in Cardioembolic Stroke. Medical Science Monitor. 2022. 28: e936365. DOI: 10.12659/MSM.936365 FI= 3.1

13. Tudor Parvanescu,\* Andrei Vitel, Ioan Sporea, Ruxandra Mare, Bogdan Buz, **Diana-Aurora Bordejevic**, Mirela Cleopatra Tomescu, Sergiu Florin Arnăutu, Vlad Ioan Morariu,Ioana Mihaela Citu. Significant Association between Left Ventricular Diastolic Dysfunction, Left Atrial Performance and Liver Stiffness in Patients with Metabolic Syndrome and Non-Alcoholic Fatty Liver Disease. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy 2021 14:1535–1545. https://doi.org/10.2147/DMSO.S300450 .FI=3.249

14. Gabriela Radu , Constantin Luca, Lucian Petrescu, **Diana Aurora Bordejevic**, Mirela Cleopatra Tomescu, Minodora Andor, Ioana Cîtu, Adelina Mavrea , Valentina Buda, Cătălin Tomescu, Florin Borcan, Liana Dehelean. The Predictive Value of Endothelial Inflammatory Markers in the Onset of Schizophrenia. Neuropsychiatric Disease and Treatment 2020:16 545–555 ; doi: 10.2147/NDT.S240349, FI= 3.2

15. Gabriela Radu\*, **Aurora Diana Bordejevic**, Valentina Buda, Mirela Cleopatra Tomescu, Ioan Drăgan, Liana Dehelean, Ionuț Lucian Cocoș, Adelina Chevereșan, Minodora Andor. Cardiovascular risk factors for different types of psychiatric pathologies. A correlative study Farmacia 2020. 68 (5):835-842. https://doi.org/10.31925/farmacia.2020.5.9 FI=1,433

16. Gurgu A, Luca CT, Vacarescu C, Petrescu L, Goanta EV, Lazar MA, **Arnăutu DA**, Cozma D. Considering Diastolic Dyssynchrony as a Predictor of Favorable Response in LV-Only Fusion Pacing Cardiac Resynchronization Therapy. Diagnostics (Basel). 2023 Mar 21;13(6):1186. doi: 10.3390/diagnostics13061186. PMID: 36980494 FI=3.6

17. Dahma G, Reddy G, Craina M, Dumitru C, Popescu A, Stelea L, Neamtu R, Gluhovschi A, Nitu R, Maghiari AL, Tapalaga G, **Arnautu DA**, Nelluri A, Maganti RK, Bernad E. The Effects of Vitamin D Supplementation before 20 Weeks of Gestation on Preeclampsia: A Systematic Review. J Pers Med. 2023 Jun 14;13(6):996. doi: 10.3390/jpm13060996. PMID: 37373985; PMCID: PMC10300879. Review IF=3.4

18. Elena S. Bernad, Florentina Duica, Panagiotis Antoniadis, Andreea Moza,\*, Diana Lungeanu, Marius Craina, Brenda C. Bernad, Edida Maghet, Ingrid-Andrada Vasilache, Anca Laura Maghiari, **Diana-Aurora Arnautu** and Daniela Iacob. Maternal Fever and Reduced Fetal Movement as Predictive Risk Factors for Adverse Neonatal Outcome in Cases of Congenital SARS-CoV-2 Infection: A Meta-Analysis of Individual Participant Data from Case Reports and Case Series. Viruses 2023, 15, 1615-1634.. https://doi.org/10.3390/v15071615 FI=4.7

19. Lazăr M-A, Ionac I, Luca C-T, Petrescu L, Vacarescu C, Crisan S, Gaiță D, Cozma D, Sosdean R, **Arnăutu D-A**, et al. Reduced Left Ventricular Twist Early after Acute ST-Segment Elevation Myocardial Infarction as a Predictor of Left Ventricular Adverse Remodelling. Diagnostics. 2023; 13(18):2896. https://doi.org/10.3390/diagnostics13182896 FI=3.6

20. Nelu-Mihai Trofenciuc, **Aurora Diana Bordejevic**, Mirela Cleopatra Tomescu, Lucian Petrescu, Simina Crisan, Oliviana Geavlete, Alexandru Mischie, Alexandru Fica Mircea Onel, Alciona Sasu & Adina Ligia Pop-Moldovan. Toll like receptor 4 (TLR4) expression is correlated with T2\* iron deposition in response to doxorubicin treatment: cardiotoxicity risk assessment. Nature. Scientific Reports.2020. 10:111, 17013. https://doi.org/10.1038/s41598-020-73946-9 , IF=4.379

21. Bernad B-C, Tomescu M-C, Anghel T, Lungeanu D, Enătescu V, Bernad ES, Nicoraș V, **Arnautu D-A**, Hogea L. Epigenetic and Coping Mechanisms of Stress in Affective Disorders: A Scoping Review. Medicina. 2024; 60(5):709. https://doi.org/10.3390/medicina60050709, FI=2.6

22. Andrei Vitel\*, Ioan Sporea, Ruxandra Mare, Christian Banciu, Diana-Aurora Bordejevic, Tudor Parvanescu, Ioana Mihaela Citu, Mirela Cleopatra Tomescu. Association Between Subclinical Left Ventricular Myocardial Systolic Dysfunction Detected by Strain and Strain-Rate Imaging and Liver Steatosis and Fibrosis Detected by Elastography and Controlled Attenuation Parameter in Patients with Metabolic Syndrome. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy 2020:13 3749–3759. https://doi.org/10.2147/DMSO.S268916 FI=3.249

**10 Publicații in extenso în reviste cotate BDI (5 autor principal)**

1. **Bordejevic, Diana**, Vacarescu, Cristina & Crisan, Simina Petrescu, Lucian CONSTANTIN, Tudor Mornos, Cristian RACHIERU, Ciprian Goanta, Emilia Cozma, Dragos. (2021). Long Term Follow-Up in a Patient with Arrhythmogenic Right Ventricular Dysplasia. Romanian Journal of Cardiology. 31. 379-383. 10.47803/rjc.2021.31.2.379.

2. **Diana Aurora Bordejevic**, Lucian Petrescu. Arterita Takayasu asociată cu tiroidită autoimună Hashimoto la o pacientă cu diabet zaharat de tip 1. Revista Rezidentului nr. 14/2019, 8-11.

3. Mirela Cleopatra TOMESCU, **Diana Aurora BORDEJEVIC\*,** Ioana Mihaela CÎTU . Boala ficatului gras nonalcoolic asociată cu sindromul metabolic, factor de risc major pentru boala aterosclerotică Non-alcoholic fatty liver disease associated with metabolic syndrome, major risk factor for atherosclerotic disease. Ro Med J. 2020;67(Suppl) DOI: 10.37897/RMJ.2020.S.4.

4. Andrei Vițel, Tudor Pârvănescu, Vlad Ioan Morariu**, Diana Aurora Bordejevic**\*, Mirela Cleopatra Tomescu. Non-alcoholic Fatty Liver Disease Associated With Metabolic Syndrome, a Major Risk Factor for Atherosclerotic Disease. RESEARCH AND CLINICAL MEDICINE JOURNAL The European Journal of Innovative, Integrative and Translational Medicine Volume V, Issue 1, 2021, 1-4.

5. Dragomir T., Mavrea A., **Bordejevic D**., Tomescu M. Clinical and evolutive characteristics of elderly patients with heart failure, Medicine in Evolution, 2016, (3) pages 198-204, ISSN 2065-376X, BDI, Index Copernicus

6. Istvan Gyalai-Korpos, Minodora Andor, Mirela Cleopatra Tomescu, **Aurora Bordejevic**, Iosif Marincu. Speckle echocardiographic left atrial strain as predictor of atrial fibrillation recurrence in hypertensive patients. HealthMED – vol. 8, number 6, 2014, p.691-698. ISSN:1840-2291.

7. Mavrea A., Korpos-Gyalai I., Cîtu I., Ancusa O., **Bordejevic A**., Tomescu M.C., Long-term prognosis and models of death in heart failure patients with reduced versus preserved left ventricular systolic function, European Scientific Journal December 2013 /SPECIAL/ edition vol.3 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431, BDI, DOAJ, ProQuest, Index Copernicus

8. Simina-Amelia Dejica, Mirela Cleopatra Tomescu, **Diana Aurora Bordejevic**, Tudor Pârvănescu, Roxana Mosoarca,Stela Iurciuc CARDIAC AND RENAL DAMAGE IN ELDERLY TREATED HYPERTENSIVE PATIENTS WITH MASKED UNCONTROLLED HYPERTENSION Research and Clinical Medicine, 2020, Volume IV, Issue III, 44-47.

9. Mohammed Dahmani, Stela Iurciu, Mircea Iurciuc, Laura Crăciun, Adelina Mavrea, Antoanela Pogorevici, **Aurora Bordejevic**, Mirela Tomescu. Early prevention: the correlation between arterial rigidity and cardiovascular risk in hypertensive patients and its social impact. Social research reports 2019, 11, 1:98-103. DOI htpps://doi.org/10.33788/srr11.1.7, FI=0.19

10. Tudor Parvanescu, Bogdan Buz, **Diana Aurora Bordejevic** (corresp), Florina Caruntu, Mihai Trofenciuc, Mirela Cleopatra Tomescu, Ioana Mihaela Citu. The Prognostic Role of Anemia in Heart Failure Patients. Revista de Chimie (Rev. Chim.), Year 2020, Volume 71, Issue 1, 185-191. https://doi.org/10.37358/RC.20.1.7830

**17 Rezumate publicate in proceedings la congrese ce se găsesc pe ISI Web of Knowledge (5 autor principal)**

1. **D.A. Bordejevic**, T. Parvanescu, L. Petrescu, C. Mornos, S. Crișan, C. Văcărescu, M. Lazăr, S Arnautu, V Morariu, D Cozma. Left ventriculare remodelling risk predicted by 2D-STE in AMI patients with preserved LVEF revascularized by PCI. Eur J Heart Fail 2021 , 23 (Suppl. S2), 231-232IF=15.534 doi:10.1002/ejhf.1488

2**. D.A: Bordejevic**, A. Vitel, I. Sporea, R. Mare, T. Parvanescu, SF Arnautu, MC Tomescu. Significant llink between LV systolic dysfunction and non-alcoholic fatty liver disease in metabolic syndrome patients.Eur J Heart Fail 2021 , 23 (Suppl. S2), 112.IF=15.534 doi:10.1002/ejhf.1488

3. **D A Arnautu**, C Vacarescu, S F Arnautu, L Gaita, D Cozma, D Gaita, The predictive value of carotid artery strain and strain-rate in assessing the 3-year risk for stroke and acute coronary syndrome in patients with metabolic syndrome, European Heart Journal, Volume 43, Issue Supplement\_2, October 2022, ehac544.023, https://doi.org/10.1093/eurheartj/ehac544.023 p. 23 IF=35,88

4. **D A Arnautu**, C Vacarescu, S F Arnautu, L Gaita, D Cozma, LA strain helps identifying the cardioembolic etiology of transient ischemic attacks, European Heart Journal, Volume 43, Issue Supplement\_2, October 2022, ehac544.013, https://doi.org/10.1093/eurheartj/ehac544.013, p. 13, IF=35.88

5. Tomescu, MC ; Pogorevici, A; Citu, IM ; Caruntu, F ; Andor, M; Mavrea, MA; Gyalai, KI; **Bordejevic, DA.** Canada-ACS score was proved to be a reliable baseline predictor of in-hospital mortality in acute coronary syndrome patients in a western country. Eur Heart Fail J, 2016, 37:595, P2878

6. Tomescu M.C., Andor M., Citu I.M., Pogorevici A., Gyalai K.I., **Bordejevic D.A,** Pop D. Protective effect of nebivolol on anthracycline-induced cardiotoxicity, assessed by tissue Doppler velocities and by speckle tracking echocardiography, European Heart Journal, 2016, 37, ( Abstract Supplement ), 404-405, IF 0.896, ISSN 1520-765X

7. Tomescu MC, Gyalai, IK, **Bordejevic, DA** , Ancusa, O , Dragomir, T, Marincu, I , (2015), Factors associated with prolonged hospitalization, readmission and death in elderly heart failure patients, European Journal of Heart Failure, 2015, 17, p159-5159, Supplement: 1,Special Issue: SI, Meeting Abstract: P772,. ISSN: 1879-0844

8. Trofenciuc M, Tomescu MC, Branea H, **Bordejevic A,** Christodorescu RM et al. ”Anthracycline cardiotoxicity 2,4 or toll-like receptor root of all evil.” Cardiovascular Research 2018, volume 114, S 124-S124, Supplement 1, Meeting Abstract P 510, ISSN 0008-6363

9. Mirela Cleopatra Tomescu, A Mavrea, **D. Bordejevic**, I Gyalai, I Citu, F Caruntu, O Ancusa. Influence of statins on inflammatory status and hospital readmissions in acute decompensated heart failure with preserved ejection fraction. European Journal of heart failure, 17/2015,

10. Trofenciuc, Mihai, Pop-Moldovan, A.L. Onel, M & Puticiu, , **Bordejevic, Diana,** Gaita, D , Branea, Horia , Mischie, A. Hreniuc, C. (2019). P5345 Association and prevalence of post-stroke erectile dysfunction with cardiovascular risk factors and co-morbidities. European Heart Journal. 40. 10.1093/eurheartj/ehz746.0312.1

11. M. Trofenciuc, M. Puticiu, M Onel, C. Hreniuc, H. branea, **A. Bordejevic**, M. Tomescu. Assessing a various biomarker panel for early detection of cardiotoxicity after treatment with anthracyclines. Eur J of Heart Fail 2019. 21 (Suppl S1), 48. IF=11.627 doi: 10.1002/ejhf.1488

12. M Trofenciuc, A Pop-Moldovan, M Onel, N Dugaciu, M Puticiu, M Tomescu, H Branea, **A Bordejevic**, D Gaita, A Mischie, C Hreniuc.Prevalence of poist-stroke erectile dysfunction and associated cardiovascular risk factors and co-morbidities. Eur J of Heart Fail 2019. 21 (Suppl S1), 102. IF=11.627 doi: 10.1002/ejhf.1488

13. T Parvanescu, R Mare, A Vitel, I Sporea, B Buz, **DA Bordejevic**, MC Tomescu, SF Arnautu, VI Morariu, IM Citu.Significant association between LV diastolic dysfunction. left atrial performance and left ventricular stiffness in patients with metabolic syndrome and non-alcoholic fatty liver disease. Eur J of Heart Fail 2021. 23 (Suppl S2), 41. IF=15.534 doi: 10.1002/ejhf.1488.

14. C Vacarescu, C T Luca, D Gaita, S Crisan, C Mornos, E V Goanta, M A Lazar, I Ionac, **D A Arnautu**, D Cozma, Fusion CRT pacing: septal flash significance in super responder patients, European Heart Journal, Volume 43, Issue Supplement\_2, October 2022, ehac544.999, https://doi.org/10.1093/eurheartj/ehac544.999, p.999 IF= 35.855

15. Vacarescu, CC; Luca, CT; Gaita, D , Crisan, S.; Goanta, EV ; Lazar, MA, **Arnautu, DA**; Cozlac, AR; Ionac, I ; Totorean, IC ; Turi, VR; Cozma, D. Beta-blockers and ivabradine titration in HF patients with LV only fusion pacing CRT. Eur J Heat Failure 2022. Suppl 2, 24:253-254. FI=18.174

15. Tomescu,MC; Mavrea, AM **Bordejevic, DA**; Gyalai, IK . Citu, I; Caruntu, F, Ancusa, O. Influence of statin on inflammatory status and hospital readmissions in acute decompensated heart failure with preserved ejection fraction. Eur J Heart Failure, 2015, Volume17, Page97-97 .Supplement1 Special IssueSI Meeting AbstractP422

17. Vacarescu C, Luca CT, Gaita D, Goantă E.V. Lazar MA, **Arnautu A**, Crisan S, Cirin L, Cozma D. Real life changes in CRT optimization: a 10-year follow-up experience. European Journal of Heart Failure 2023, Suppl. , 25, 8:13. FI=18.2 (2022) ISSN:1879-0844 Prezentare orală

**19 Rezumate publicate in volume ale unor manifestări științifice nationale (5 prim autor)**

1. **D.A. Arnăutu,** C. Văcărescu, S.F. Arnăutu, M. Andor, M. C. Tomescu, D. Cozma, D. Gaiță Valoarea predictivă a deformării arterei carotide și a ratei de deformare în evaluarea riscului la 3 ani de accident vascular cerebral și sindrom coronarian acut la pacienții cu sindrom metabolic. Congres Național Cardiologie Sinaia 2022. Prezentare orală- Rapid fire abstract. Supliment Rev Romana de Cardiol. 2022, vol. 32, pag 265.

2. **DA Arnăutu**, C. Văcărescu, S.F. Arnăutu, M. Andor, M.C. ISSN 2392-6910 Tomescu, D. Gaiță, D. Cozma Strain-ul atrial stâng ajută la identificarea etiologiei cardioembolice a atacurilor ischemice tranzitorii . Congres Național Cardiologie Sinaia 2022. Prezentare orală- Rapid fire abstract. Premiul I pt Cercetare Științifică. Supliment Rev Romana de Cardiol. 2022, vol. 32, pag 203. ISSN 2392-6910

3. M.A. Deme, D. Cozma, C. Văcărescu, H. Feier, D. Gaiță, S. Crișan, M.A. Lazăr, I.C. Totorean, L. Cirin, **A. Arnăutu**, C.T. Luca. Implant de stimulator cardiac la un pacient cu anomalie a drenajului venos toracic Revista Română de Cardiologie, 2022 Supliment, 138, vol. 32, pag11. Poster ISSN 2392-6910

4. L. Cirin, C.T. Luca, C. Văcărescu, M.A. Lazăr, S. Crișan, E.V. Goanta, I.C. Totorean, I. Suciu, **D.A.** **Arnăutu,** A.A. Faur, M. Andrița, A. Mouljebouj, D.C. Cozma Fezabilitatea stimulării septale de ventricul drept folosind sonde cu fixare pasivă. Revista Română de Cardiologie, 2022 Supliment, 138, vol. 32, pag 220. Poster ISSN 2392-6910

5. M.C.Tomescu, **D.A.Bordejevic**, A.Pogorevici, (2014), Cardita Lyme cu tulburari complexe de ritm si de conducere, Al 53-lea Congres National de Cardiologie, Sinaia 2014 Revista Română de Cardiologie, 2014, Supliment, 74 ISSN 2392-6910

6. MC Tomescu, F. Boran, M. Andor, **D.A. Bordejevic**, C. Streian, I. Marincu, (2014), Endocardita infectioasa spontana pe valve native cu Streptococcus Gallolyticus la un pacient diabetic, Al 53-lea Congres National de Cardiologie, Sinaia 2014 Revista Română de Cardiologie, 2014, Supliment, 85 ISSN 2392-6910

7. .I Gyalai Korpos, M. Andor, M. Tomescu**, A. Bordejevic** (2014) Ecocardiografia “speckle tracking” a atriului stâng ca predictor al fibrilației atriale recurente la pacienții hipertensivi. Al 53-lea Congres National de Cardiologie, Sinaia 2014 Revista Română de Cardiologie, 2014, Supliment, 138, ISSN 2392-6910

8. R. Șoșdean, I.R. Macarie, L. Ionică, M. Mircea, S.A. Pescariu, **D.A. Bordejevic**, A. Ionac, C. Mornoș, S. Pescariu, Timișoara (86) Patient with obstructive hypertrophic cardiomyopathy treated by dual chamber pacing - 25 years journey.Revista Română de Cardiologie, 2020, Supliment, 138, ISSN 2392-6910

9. C.M. Tomescu, I. Iovan, Z. Fratilă, **A. Bordejevic**, I. Cîtu, L. Velcean, G. Radu, T. Pârvănescu, M. Tomescu, Timișoara (91) Difficult case of COVID-19 in a young patient Revista Română de Cardiologie, 2020, Supliment, 138, ISSN 2392-6910

10. P. Baneu, C. Erimescu, R. Șoșdean, I. Mancas, **A. Bordejevic**, A. Pescariu, C. Mornoș, S. Pescariu, Timișoara (22) The role of genetics in a case of acute antero-lateral myocardial infarction in a young patient Revista Română de Cardiologie, 2020, Supliment, 138, ISSN 2392-6910

11 Cristina Vacarescu, **Diana Aurora Arnautu**. Fusion CRT pacing: septal flash significance in super responder patients Rev Romana de cardiol 2022

12. Factors associated with prolonged hospitalization readmission and death in elderly heart failure patients in western Romania, **Diana-Aurora Bordejevic**, Gheroghe Borcean, Bogdan Cerbu, Mirela Tomescu, First Euroregional Conference for PhD students and young researchers in biomedicine, Timisoara, 27/28.03.2015. ISBN 978-606-8456-23-2

13. **Diana Aurora Bordejevic**, Denisa Bosneag, Damaris Bodnariu Cardita Lyme - Disfuncție temporară de nod sinusal și bloc complet atrio-ventricular asociat cu tahicardie atrială. Congresul MEDIS Congress2014, 24-27 aprilie , Timisoara, vol rez p 29, ISSN 1843-9128

14. Tudor Pârvănescu, Ioana Cîtu, Florina Căruntu, Minodora Andor, Adelina Mavrea, Istvan Gyalai, **Diana Aurora Bordejevic**, Antoanela Pogorevici, Mirela Cleopatra Tomescu. Canada-ACS score was provided to be a reliable baseline predictor of in-hospital mortality in acute coronary syndrome patients in western Romania. Congresul MEDIS Timișoara 2017, vol rez p 65.ISSN 1843-9128

15. Flavia Cochera, Minodora Andor, Ioana Cîtu, Antoanela Pogorevici, Adelina Mavrea, Istvan Gyalai, **Diana Aurora Bordejevic**, Mirela Tomescu. Protective effect of nebivolol on anthracycline-induced cardiotoxicity, assessed by tissue Doppler velocities and by speckle tracking echocardiography.Congres MEDIS 2017 Timisoara, vol rez p. 71. ISSN 1843-9128

16. Liviu Cirin, **Diana Aurora Bordejevic**, Minodora Andor, Carmen Cristescu, Mirela Tomescu, Valentina Buda. The variation of endoglin plasma levels under different antihypertensive treatment, in patients with essential arterial hypertension and endothelial dysfunction. .Congres MEDIS 2017 Timisoara, vol rez p. 73. ISSN 1843-9128

17**. D.A. Bordejevic**, A. Vitel, I. Sporea,R. Mare, T. Pârvănescu, S.F. Arnăutu, M.C. Tomescu, D. Cozma. Asocierea semnificativă între disfuncția sistolică subclinică a ventriculului stâng și boala hepatică grasă non-alcoolică la pacienții cu sindrom metabolic. Romanian Journal of Cardiology, Vol. 31 Supplement 2021, p. 74 ISSN 2734-6382

18. T. Parvanescu, B. Buz, **D.A. Bordejevic**, F. Căruntu, M. Trofenciuc, M.C. Tomescu, I.M. Cîtu. Rolul prognostic al anemiei în insuficiența cardiacă. Congres Național de Cardiologie Sinaia 2019,pag. 114. ISSN 2734-6382

19. **Diana Aurora Bordejevic**, Tudor Pârvănescu, Iosif Marincu. Multiple spleen abcesses with Acinetobacter baumannii and Criptococcus neoformans in a HIV-infected patient, a rare case finding. First Euroregional Conference for PhD students and young researchers in biomedicine, 27-28 martie 2015, Timișoara, România, vol rez p 21. ISBN 978-606-8456-23-2

**Tratat în editură recunoscută CNCSIS (autor capitol)**

1. Mirela Tomescu, **Aurora Bordejevic**. Cap. 1. pag. 21-27. Serviciile medicale în mediul rural din România. în ″Promovarea Sănătății la Locul de Muncă în comunitățile rurale – Ghid pentru gestionarea sănătății la locul de muncă″ Redactori: Elena-Ana Păuncu, Theodor Haratau , Fundatia Romtens, Tiparul: Executat in Romania de S.C. Infodesign Group S.R.L.Bucuresti, 2015, 435 pag, ISBN: 978-973-0-20589-3

2. Mirela Tomescu, **Aurora Bordejevic** . Cap 6. pag. 278-304 Afecțiunile cardiovasculare, în ”Promovarea Sănătății la Locul de Muncă în comunitățile rurale – Ghid pentru gestionarea sănătății la locul de muncăˮ Redactori: Elena-Ana Păuncu, Theodor Haratau, Fundatia Romtens, Tiparul: Executat in Romania de S.C. Infodesign Group S.R.L. Bucuresti, 2015,435 pag, , ISBN: 978-973-0-20589-3

3. Adrian Vlad.”De la A la Z in Medicina de Familie” Editura Eurobit Timișoara, 2021. Co-autor cap. 3. Afecțiunile cardiovasculare.Monica Șușan, **Diana-Aurora Bordejevic**, p. 42-144.

**Autor manuale**

1. Mirela Cleopatra Tomescu, Horia Branea, Istvan Korpos Gyalai, Tudor Pârvănescu,Vlad Ioan Morariu. **Diana Aurora Arnăutu**. Semiologie Medicală I, Ed. Victor Babeş Timişoara, 2023, pag, ISBN general: 978‐606‐786‐289‐8

2. Mirela Cleopatra Tomescu, Minodora Andor, Ioana Mihaela Cîtu, Florina Căruntu, **Diana Aurora Arnăutu** Sergiu Florin Arnăutu, Semiologie Medicală Volum I, Ed. Victor Babeş Timişoara, 2022, Colecția Manuale, Indicativ CNCSIS: 263 pag, ISBN general: 978‐606‐786‐289‐8 ISBN vol. I: 978‐606‐786‐288‐1