

CURRICULUM VITAE ET STUDIORUM



Nume: **PETRESCU**

Prenume: **LUCIAN**

Calificare actuală:

- Profesor Universitar - Departamentul VI Cardiologie – U.M.F. “Victor Babeș” Timișoara
Director Departamentul VI Cardiologie, Sef Disciplina Cardiologie II –
2018 - martie 2021
- Ex Șef Secție Cardiologie – Institutul de Boli Cardiovasculare Timișoara, până în martie 2021, în prezent pensionat.
- Medic primar medicină internă și cardiologie
- Activ în Școala Doctorală, conducător de doctorate, U.M.F. “Victor Babeș”, Timișoara, conform Actului Adițional nr. 404/17.08.2022 și Contractului individual de muncă nr.68/21.05.2021, semnate de rectorul UMF “Victor Babeș” Timișoara

Școlarizare:

- Liceul Teoretic " Constantin Diaconovici Loga " Timișoara – 1975
- Institutul de Medicină și Farmacie Timișoara, Facultatea de Medicină Generală, absolvită în 1982.

Experiență profesională:

- Medic generalist - Dispensarul Medical Sacoșu Turcesc – Timiș
- Asistent universitar – Disciplina Chirurgie Cardiovasculară – UMF Timișoara, 1990
- Medic specialist Interne – 1994
- Medic specialist cardiolog – 1996
- Doctor în științe medicale – specialitate Cardiologie Intervențională – 1995
- Stagiul de instruire - cardiologie/intervențional - la Velbert Klinikum Essen - 1991
- Specializare cardiologie intervențională la Institute Arnault Tzanck – Nice, France – 1993
- Visiting Professor la Universidad Nacional del Nord – Este – Corrientes, Argentina - 1995
- Șef de lucrări – Disciplina Patologie Clinică și Terapeutică Medicamentoasă – 1996
- Medic primar interne – 1998
- Medic primar cardiologie – 1999
- Conferențiar – Catedra Cardiologie II – UMF Timișoara – 1998
- Profesor Universitar – Catedra Cardiologie II – UMF Timișoara – 2009 - 2021

Alte domenii de activitate:

- Scriitor – Belettristică – membru al Uniunii Scriitorilor din România din 1991, autor a 5 volume de proză/roman și un volum de versuri, publicate, 2 premii pentru proză ale Uniunii Scriitorilor filiala Timișoara (1999, 2000).

Competențe:

- **COMPETENȚĂ ÎN ECOCARDIOGRAFIE/TRANSESOFAGIANĂ**
- **COMPETENȚĂ ÎN CARDIOLOGIE INTERVENȚIONALĂ**

Cursuri:

1993	- Specializare cardiologie intervențională la Institute "Arnault Tzanck" – Nice, France
mai 1999	- Curs de terapie endovasculară, Paris, Franța
mai 2000	- Curs de revascularizare coronariană și periferică, Paris, Franța
mai 2002	- Curs de revascularizare coronariană și periferică, Paris, Franța

mai 2003	- Curs de revascularizare coronariană și periferică, Paris, Franța
mai 2004	- Curs de revascularizare coronariană și periferică, Paris, Franța
mai 2005	- Curs de revascularizare coronariană și periferică, Paris, Franța
mai 2006	- Curs de revascularizare coronariană și periferică, Paris, Franța.

Activitate științifică

1. Cărți, monografii, tratate:

- "Terapia bolnavului critic coronarian" - C. Luca, **L. Petrescu**, Ed. Facla, 1987;
- " Ecocardiografia Doppler cantitativă " - Ștefan I. Drăgulescu – colaboratori:
- L. Petrescu**, Adina Ionac, Ionuț Orăvișan, Ed. Helicon, 1993, Premiul Academiei Române - 1994;
- " Angioplastia coronariană primară de dezobstrucție in infarctul miocardic acut " - Șt. I. Drăgulescu, **L. Petrescu**, Ed. Univers Enciclopedic, 1996;

2. Capitole publicate în volume colective:

1. **L. Petrescu**, Rodica Dan, M. Slovenski, D. Gavrilescu, B. Mut, C. Dină, Adina Ionac, C. Mornoș, D. Cozma, Șt. I. Drăgulescu: "Abordarea modernă diagnostică și terapeutică a cardiomiopatiei hipertrofice obstructive", în vol. "Progrese în cardiologie - volumul III" – sub egida Societății Române de Cardiologie, capitolul 5, Ed. Media Med Publicis, p. 169-184, 2008; (ISSN 1843-3731)
2. **Lucian P. Petrescu**, Rodica Dan: capitolul 13: "Cordul pulmonar cronic", în vol. "Patologia pulmonară a vârstnicului" – sub coordonarea V.M. Tudorache, F.D.Mihălțan, T.T.Mihăescu, Ed. Didactică și Pedagogică R.A., p. 243-255 , 2004; (ISBN 973-30-1324-2)
3. **Lucian P. Petrescu**: capitolul 15: "Cardiologia invazivă diagnostică și intervențională", în vol. "Clinică Medicală – teorie și practică, vol. II, sub coordonarea V. Șerban, Șt.I.Drăgulescu, Ed. Marineasa, p. 480-499, 2000 (ISBN 973-9485-46-4).
4. R. Dan, **L.Petrescu**, S. Crișan: Progrese în cardiologie 2012. Cap. Particularități de diagnostic și tratament la pacienții cu sindrom coronarian acut cu risc trombotic crescut primar și/sau secundar. Media Med Publicis, Bucuresti, 2012. (ISBN 973-87129-4-7).
5. R. Dan, **L. Petrescu**. Progrese in Cardiologie 2013. Cap. Impactul noilor anticoagulante orale in tratamentul tromboembolismului pulmonar. Media Med Publicis, 2013 (ISBN 973-87129-4-7).
6. S. Crișan, R. Dan, R.A. Nicola, **L.Petrescu**. Progrese în cardiologie 2014 Cap. Noi biomarkeri in boala coronariana:de la diagnostic la aprecierea riscului cardiovascular. Media Med Publicis, Bucuresti, 2014 (ISBN 973-87129-4-7).
7. R. Dan, **L. Petrescu**. Progrese în cardiologie 2014 Cap. Constante si abordari noi in socul cardiogen post-infarct miocardic acut. Media Med Publicis, Bucuresti, 2014 (ISBN 973-87129-4-7).
8. Calin Pop, **Lucian Petrescu**, Rodica Dan, Simina Crișan, Dan Filip, Antoniu Petris, Adrian Tase, Diana Tint. Ghid practic de urgente cardiovasculare.

- Cap. Tromboembolismul pulmonar-embolia pulmonara. Media Med Publicis, Bucuresti, 2014 (ISBN 978-606-8463-12-4).
9. Dan Filip, **Lucian Petrescu**, Rodica Dan, Simina Crisan, Gabriel Tatu-Chitoiu, Calin Pop. Ghid practic de urgente cardiovasculare. Cap. Sindroamele coronariene acute. Media Med Publicis, Bucuresti, 2014 (ISBN 978-606-8463-12-4).
 10. Diana Tint, Laurentiu Sorodoc, Simina Crisan, **Lucian Petrescu**, Diana Cimpoesu, Antoniu Petris, Claudia Matei, Calin Pop. Ghid practic de urgente cardiovasculare. Cap. Urgente cardiovasculare la gravide. Media Med Publicis, Bucuresti, 2014 (ISBN 978-606-8463-12-4).
 11. M. Croitoru, R. Dan, **L. Petrescu**, D. Filip. Ghid Practic de Urgente Cardiovasculare . Cap. Sindromul de ischemie acuta a membrelor. Media Med Publicis, Bucuresti, 2014 (ISBN 978-606-8463-12-4).
 12. R. Dan, **L. Petrescu**, V. Tudorache. Curs de pneumologie pentru rezidenti. Cap. Tromboembolismul pulmonar. Editura Mirton, Timisoara, 2013 (ISBN 978-9732-52-1362-6).
 13. **Petrescu Lucian**, Crisan Simina. Tromboembolismul pulmonar - o abordare contemporană Cap. Diagnosticul angiografic in tromboembolismul pulmonar. Editura Pim, Iasi, 2015 (ISBN 978-606-13-2656-3).
 14. **Petrescu Lucian**, Crisan Simina. Tromboembolismul pulmonar - o abordare contemporană Cap. Tratamentul intervențional în tromboembolismul pulmonar acut. Editura Pim, Iasi, 2015 (ISBN 978-606-13-2656-3).
 15. **Lucian Petrescu**, Simina Crisan, Rodica Dan. Cordul de functie la disfunctie- Bazele Clinice ale principalelor afecțiuni Cardiace Cap. 7.6. Urgente in patologia cardiaca. Sindroamele acute coronariene. Editura Victor Babes, 2016, pag. 363-381 (ISBN 978-606-786-011-5).
 16. **Lucian Petrescu**, Simina Crisan. Tromboembolismul pulmonar in situatii clinice speciale. Capitolul XXI. Tromboembolismul pulmonar cu indicatie interventionala. Editura PIM, Iasi, 2017, pag 229-238 (ISBN 978-606-13-3734-7).
 17. Cristian Mornoș, **Lucian Petrescu**, Carmen Ginghină – Manual de CARDIOLOGIE, Capitolul 21 – Sindroame coronariene acute cu supradenivelare de ST, Editura Medicală București, 2020, 431-449
 18. **Current Innovations in Medicine and Medical Science - B P international, 27 Old Gloucester Street London WC1N 3AX, UK, 2022 – chapter - Assessment of Responsiveness to Cardiac Resynchronization Therapy: A Novel and Simple Exercise approach**

3. Articole/studii publicate în reviste de specialitate de circulație internațională recunoscute

1. Monoamine Oxidase (MAO) Is Expressed at the Level of Mitral Valve with Severe Regurgitation in Hypertrophic Obstructive Cardiomyopathy: A Case Report Ana Lascu, Raluca Sosdean *, Loredana Nicoleta Ionică, Alexandru S. Pescariu, **Lucian Petrescu**, Adina Ionac, Constantin T. Luca, Adrian Sturza

and Horea B. Feier

Medicina 2022, 58(12),1844; <https://doi.org/10.3390/medicina58121844> -

Revistă ISI FI – 2.948

2. Metformin Acutely Mitigates Oxidative Stress in Human Atrial Tissue: A Pilot Study in Overweight Non-Diabetic Cardiac Patients.: Lascu, A.; Ionica, L.-N.; Merce, A.-P.; Danila, M.-D.; **Petrescu, L.**; Sturza, A.; Muntean, D.-M.; Streian, C.G. *Life* 2022, 12, 2058. <https://doi.org/10.3390/life12122058> **Revistă ISI FI - 3.253**
3. Mitochondrial Effects of Common Cardiovascular Medications: The Good, the Bad and the Mixed, Alina M. Bețiu, Lavinia Noveanu, Iasmina M. Hâncu, Ana Lascu, **Lucian Petrescu**, Christoph Maack, Eskil Elmér, * and Danina M. Muntean, : 7 November 2022, *Int. J. Mol. Sci.* 2022, 23, 13653 (MDPI), **Revistă ISI FI – 6,208**
4. Nonischemic Super-Responders in Fusion CRT Pacing with Normal Atrioventricular Conduction – E-V. Goanta, C-T. Luca, C. Vacarescu, S. Crisan, **L. Petrescu**, R. Vatasescu, M-A. Lazar, A. Gurgu, V-R. Turi, D. Cozma – 2022, 23 August, 12(9), 2032; MDPI – Diagnostics – **Revista ISI FI – 3,9**
5. Monoamine oxidase is a source of cardiac oxidative stress in obese rats: the beneficial role of metformin - Adrian P. Merce, Loredana N. Ionică, Anca M. Bîănă, Simona Popescu, Rodica Lighezan, Lucian Petrescu Claudia Borza, Adrian Sturza, Danina M. Muntean, Octavian M. Crețu - *Molecular and Cellular Biochemistry*. <https://doi.org/10.1007/s11010-022-04490-5>, 20 June 2022 **Revistă FI = 3,84**
6. Assessment of Responsiveness to Cardiac Resynchronization Therapy: A Novel and Simple Exercise Approach Alina-Ramona Cozlac , Lucian Petrescu , Simina Crisan, Constantin Tudor Luca, Cristina Vacarescu, Caius Glad Streian, Mihai-Andrei Lazar , Andra Gurgu , Angela Dragomir, Emilia Violeta Goanta, Radu Vatasescu , Kandara Mohamed Chahine, Ciprian Rachieru and Dragos Cozma, DOI: 10.9734/bpi/cimms/v3/3528B, *Current Innovations in Medicine and Medical Science* Vol.3, 2022 **Revistă ISI - FI = 2,135**
7. An Up-to-Date Article Regarding Particularities of Drug Treatment in Patients with Chronic Heart Failure - Valentina Buda, Andreea Prelipcean, Dragos Cozma, Dana Emilia Man, Simona Negres, Alexandra Scurtu, Maria Suci, Minodora Andor, Corina Danciu, Simina Crisan, Cristina Adriana Dehelean, **Lucian Petrescu** and Ciprian Rachieru - *J. Clin. Med.* 2022, 11, 2020. <https://doi.org/10.3390/jcm11072020> – **Revistă ISI FI = 5,58**
8. Cell-Permeable Succinate Rescues Mitochondrial Respiration in Cellular Models of Amiodarone Toxicity - Alina M. Betiu, Imen Chamkha, Ellen Gustafsson, Elna Meijer, Vlad F. Avram, Eleonor Åsander Frostner, Johannes K. Ehinger, **Lucian Petrescu**, Danina M. Muntean* and Eskil Elmér - *Int. J. Mol. Sci.* 2021, 22, 11786 – MDPI, : 29 October 2021, **Revistă ISI FI = 5,54**
9. Three-Dimensional Transesophageal Echocardiography as an Alternative to

Multidetector Computed Tomography in Aortic Annular Diameter Measurements for Transcatheter Aortic Valve Implantation - Ciprian Nicusor Dima, Marian Gaspar, Cristian Mornos, Aniko Mornos, Petru Deutsch, Horia Cioloca, Simona Cerbu*, Mihai Dinu, Bogdan Hoinoiu,* , Constantin Tudor Luca and **Lucian Petrescu**, *Biology MDPI, Biology* 2021, 10, 132. <https://doi.org/10.3390/biology10020132>
Revista ISI FI - 3,79

10. Left Ventricular Remodeling Risk Predicted by Two-Dimensional Speckle Tracking Echocardiography in Acute Myocardial Infarction Patients with Midrange or Preserved Ejection Fraction in Western Romania - 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, Therapeutics and Clinical Risk Management 2021:17 249–258, **Revista ISI FI – 1,88**

11. The Predictive Value of Endothelial Inflammatory Markers in the Onset of Schizophrenia, 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, Neuropsychiatric Disease and Treatment, 2020:16, 545-555. **Revistă ISI FI – 2,22**

12. Thrombospondin-1 Serum Levels In Hypertensive Patients With Endothelial Dysfunction After One Year Of Treatment With Perindopril, Valentina Buda, Minodora Andor, Carmen Cristescu, Mirela Cleopatra Tomescu, Danina M Muntean, Dana Emilia Bâibâță, Diana Aurora Bordejevic, Corina Danciu, Olivia Dalleur, Dorina Coricovac, Zorin Crainiceanu, Anca Tudor, Ionut Ledeti, **Lucian Petrescu**, Drug Design, Development and Therapy, 2019:13 3515–3526, **Revistă ISI FI – 3.208**

13. Current Perspectives in Facilitated Angioplasty ,Simina Crisan, Antoniu Octavian Petris, **Lucian Petrescu** and Constantin Tudor Luca, American Journal of Therapeutics 26, e208–e212 (2019), **Revista ISI FI – 1**

14. Therapeutic Advances in Emergency Cardiology: A Focus on Acute Myocarditis Simina Crisan, Diana Tint and **Lucian Petrescu**, American Journal of Therapeutics 26, e294–e300 (2019), **Revista ISI FI – 1**

15. Dragoș Cozma, Cristina Vacarescu, **Lucian Petrescu**, Cristian Mornos, Emilia Goanta, Horea Feier, Constantin Tudor Luca, Gabriel Gusetu and Radu Vatasescu : CRT Pacing: Midterm Follow-Up in LV Only Pacing without RV Lead in Patients with Normal AV Conduction, J. Clin. Med. 2018, 7, 531, **Revista ISI FI – 5,58**

16. Simina Crișan, **Lucian Petrescu**, Mihai Andrei Lazăr, Cristina Văcărescu, Alina-Ramona Nicola, Dragoș Cozma, Cristian Mornoș, Constantin Tudor Luca :Reduced ejection fraction heart failure – new data from multicenter studies and national registries regarding general and elderly populations: hopes and

disappointments Clinical Interventions in Aging, 2018:13 651–656, **Revista ISI FI – 2,505**

17. Bordejevic DA, Caruntu F, Mornos C, Olariu I, **Petrescu L**, Tomescu MC, Citu I, Mavrea A, Pescariu S. 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. *Ther Clin Risk Manag.* 2017 Aug 23;13:1061-1068, **Revista ISI FI – 2,200**
18. Mornos C, Munteanu D.M, Mornos A, Crisan S, **Petrescu L**, Ionac A, Sosdean R., Cozma D. The risk stratification in patients with heart failure : the value of considering both global longitudinal left ventricular strain and mechanical dispersion. *Canadian Journal of Physiology and Pharmacology*, 2017, 0049, **Revista ISI, FI - 1,546**
19. Buda V, Andor M, Cristescu C, Voicu M, Cochera F, Tuduce P, **Petrescu L**, Tomescu MC. The effect of candesartan on pentraxin-3 plasma levels as marker of endothelial dysfunction in patients with essential arterial hypertension. *Ir J Med Sci.* 2017 Feb 21, **Revista ISI, FI - 1,158**
20. Buda V, Andor M, **Petrescu L***, Cristescu C, Baibata DE, Voicu M, Munteanu M, Citu I, Muntean C, Cretu O, Tomescu MC. Perindopril Induces TSP-1 Expression in Hypertensive Patients with Endothelial Dysfunction in Chronic Treatment. *Int J Mol Sci.* 2017 Feb 7;18(2). **Revista ISI, FI - 3,257 (*correspondence author)**
21. Boriani G, Laroche C, Diemberger I, Popescu MI, Rasmussen LH, **Petrescu L**, Crijns HJ, Tavazzi L, Maggioni AP, Lip GY. Glomerular filtration rate in patients with atrial fibrillation and 1-year outcomes. *Sci Rep.* 2016 Jul 28;6:30271. **Revista ISI, FI - 5,228.**
22. Boriani G, Laroche C, Diemberger I, Fantecchi E, Popescu MI, Rasmussen LH, Sinagra G, **Petrescu L**, Tavazzi L, Maggioni AP, Lip GY. *Asymptomatic atrial fibrillation: clinical correlates, management, and outcomes in the EORP-AF Pilot General Registry.* *The American Journal of Medicine*, 2015, 128(5) 509-18.e2 **Revista ISI, FI - 5,003.**
23. Tudorache Emanuela, Oancea Cristian, Avram Claudiu, Fira-Mladinescu Ovidiu, **Petrescu Lucian**, Timar Bogdan. *Balance impairment and systemic inflammation in chronic obstructive pulmonary disease.* *International Journal of Chronic Obstructive Pulmonary Disease* 2015, 10:1847-52. **Revista ISI, FI - 3,141.**
24. Li GYH, Laroche C, Popescu MI, Rasmussen LH, Vitali-Serdoz L, **Petrescu L**, Darabantiu D, Crijns HJGM, Kirchhof P, Vardas P, Tavazzi L, Maggioni AP, Boriani G. *Prognosis and treatment of atrial fibrillation patients by European cardiologists: One Year Follow-up of the EURObservational Research Programme-Atrial Fibrillation General Registry Pilot Phase (EORP-AF Pilot registry).* *European Heart Journal* 2014 Dec 14;35(47):3365-760195-668X. **Revista ISI, FI - 14,723.**
25. Cozma D, Streian CG, **Petrescu L**, Mornos C. *Subclinical left atrium remodelling in patients with frequent premature ventricular contractions.* *Kardiologia Pol* 2014;72(11):1141-7,0022-9032 (print) 1897-4279 (online). **Revista ISI, FI - 0,519.**

26. Mornos C, **Petrescu L**, Pescariu S, Dan R, Cozma D. *Prognostic value of septal $E/(E' \times S')$ ratio in predicting cardiac death in patients with heart failure*. Kardiol Pol 2014;72(2):166-74, 0022-9032 (print) 1897-4279 (online). **Revista ISI FI - 0,519.**
27. Mornos C, **Petrescu L**, Cozma D, Ionac A. *A new tissue doppler index to predict cardiac death in patients with heart failure*. Arq Bras Cardiol 2014;102(1):19-29,0066-782X (printed)1678-4170 (online). **Revista ISI, FI - 1,124.**
28. Mornos C, **Petrescu L**, Ionac A, Cozma D. *The prognostic value of a new tissue Doppler parameter in patients with heart failure*. Int J Cardiovasc Imaging 2014;30(1):47-55,569-5794 (print)1573-0743 (electronic). **Revista ISI, FI - 2,322.**
29. Mornos C, **Petrescu L**. *Early detection of anthracycline-mediated cardiotoxicity: the value of considering both global longitudinal left ventricular strain and twist*. Can J Physiol Pharmacol 2013;91(8):601-607, 0008-4212 (print)1205-7541(electronic). **Revista ISI, FI - 1.546**
30. A Ionac, C Mornos, H Feier, D Cozma, **L Petrescu**, I Popescu, M Gaspar, SI Dragulescu. *Pre-operative transthoracic real-time three-dimensional echocardiography for a better surgical strategy*. Chirurgia (Bucur) 2011; 106: 211-217, **Revista ISI FI - 0.375.**
31. Mornos C, **Petrescu L**, Cozma D, Ionac A, Pescariu S, Dragulescu SI. *A new tissue doppler index in predicting future atrial fibrillation in patients with heart failure*. Arq Bras Cardiol 2011; 97(6): 468-477. **Revista ISI FI - 0.88.**
32. Mornos C, Rusinaru D, Ionac A, **Petrescu L**, Cozma D, Pescariu S, Dragulescu SI. *Additive value of torsion to global longitudinal left ventricular strain in patients with reduced ejection fraction*. Acta Cardiol 2011; 66(5): 565-572. **Revista ISI, FI - 0,605.**
33. Cristian Mornos, Dragos Cozma, **Lucian Petrescu**, Adina Ionac, Dan Rusinaru, Stefan-Iosif Dragulescu: *$E/(E_{ax}S_{ax})$ Estimates Left Ventricular End-Diastolic Pressure in patients with Severe Mitral Regurgitation*, The Journal of Heart Valve Disease 2010;19:576-583. **Revista ISI , factor de impact - 1,03.**
34. Mornos C, Cozma D, Rusinaru D, Ionac A, Maximov D, **Petrescu L**, Dragulescu SI. *A novel index combining diastolic and systolic Tissue Doppler parameters for the non-invasive assessment of left ventricular end-diastolic pressure*. Int J Cardiol. 2009;136(2):120-9. **Revista ISI , factor de impact - 2,918.**
35. C. Mornos, A. Ionac, D. Cozma, D. Rusinaru, D. Maximov, **L. Petrescu**, A. Lupu, St.I. Dragulescu: *The Relationship Between Tissue Doppler Imaging and Seric NTproBNP Levels in Sinus Rhythm Patients: A Prospective Study*, Int J Cardiovasc Imaging, vol. 24, p. 399-407, april 2008; (ISSN 1569-5794) **Revista ISI , factor de impact - 1,119.**
36. D. Cozma, B.A. Popescu, D. Lighezan, **L. Petrescu**, C. Mornos, C. Ginghina, St.I. Dragulescu: *Left Atrial Remodeling Assessment of Size and Shape to Detect Vulnerability to Atrial Fibrillation*, PACE, vol. 30, suppl. 1, S147-S150, january 2007; **Revista ISI , factor de impact - 1,095.**
37. D. Cozma, B.A. Popescu, D. Lighezan, **L. Petrescu**, C. Mornos, C.T. Luca, Carmen Ginghină, Șt.I. Drăgulescu: *Relationship Between Global Myocardial Index and Automatic Left Ventricular Border Detection Pattern to Identify*

Biventricular Pacing Candidates, PACE, Suppl. 1, vol. 30, S1-S4, january 2007;
Revista ISI, factor de impact - 1,095.

38. D.Coзма, C. Mornoș, S. Pescariu, **L. Petrescu**, D. Lighezan, Șt.I. Drăgulescu: *Electrophysiological and Echocardiographic Parameters Predisposing to Atrial Fibrillation in Patients with Structurally Normal Heart*, Kardiologia Polska, 64: 143-150, february 2006; (ISSN 0022-9032) (**IC=7,17 pct, KBN=5 pct**)
39. B. Mut-Vitcu, D. Maximov, M. Slovenski, **L.P. Petrescu**, D. Gavrilescu, C. Dină, A. Ionac, D. Gaiță, M. Nicolin, Șt.I. Drăgulescu: *Elective CarboStent Implantation in Angiographic Small Coronary Arteries*, *Advances in Coronary Artery Disease*, The 4th International Congress on Coronary Artery Disease, Prague, Czech Republic, Monduzzi Editore, p. 659-664, october, 21-24, 2001;

I.Hirsch Web of Science actual : 9

4. Articole/studii publicate în reviste de specialitate naționale recunoscute BDI:

1. **Lucian Petrescu, Ciprian Rachieru -**
1. **Lucian Petrescu**, Simina Crisan. *O intrebare pronuntat retorica: de ce furosemide plus spironolactone in combinatie fixa si de ce tocmai dozele de 20/50 mg?* Revista Romana de Medicina Interna 2017, volum XIV, numar 1
2. Cristina Vacarescu, **Lucian Petrescu**, Emilia-Violeta Goanta, Simina Crisan, Cristian Mornos, Mihai-Andrei Lazar, Dragos Cozma. *Utilizarea periprocedurala a anticoagulantelor orale directe in procedurile de ablatie si implant.* Romanian Journal of Cardiology | Vol. 27, No. 1, 2017- Supplement A, Updates in Cardiology.
3. Simina Crisan, Cristina Vacarescu, Alina-Ramona Nicola, Mihai-Andrei Lazar, Dragos Cozma, Cristian Mornos, **Lucian Petrescu**. *Efectele inhibitorilor PCSK9 in reducerea progresiei bolii coronariene.* Romanian Journal of Cardiology | Vol. 27, No. 1, 2017- Supplement A, Updates in Cardiology
4. Simina Crisan, Cristina Vacarescu, Alina-Ramona Nicola, Mihai Andrei Lazar, Dragos Cozma, Cristian Mornos, **Lucian Petrescu**. *Microcirculation as a target of myocardial reperfusion in acute coronary syndromes.* Romanian Journal of Cardiology, Vol. 26, No. 4/2016,
5. Simina Crisan, Cristina Vacarescu, Alina-Ramona Nicola, Mihai Andrei Lazar, Dragos Cozma, Rodica Dan, **Lucian Petrescu**. *Antithrombotic treatment in acute coronary syndrome in elderly patients.* Romanian Journal of Cardiology, Vol. 26, No. 3/2016,
6. Dragoș Cozma, Cristina Văcărescu, Simina Crișan, Emilia Violeta Goanță, Mihai Andrei Lazăr, Cristian Mornos, Adina Ionac, **Lucian Petrescu**. *Giant left atrium opening a new window to the heart.* Romanian Journal of Cardiology, Vol. 26, No. 3/2016,
7. Cristina Vacarescu, **Lucian Petrescu**, Emilia-Violeta Goanta, Simina Crișan, Cristian Mornos, Mihai-Andrei Lazar, Oana Patru, Dragos Cozma. *A case of CRT super responder using fusion pacing without right ventricular lead: a 5 year follow-up.* Romanian Journal of Cardiology, Vol. 26, No. 2/2016.
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(EUROECHO – 9th Annual Meeting of the European Association of Echocardiography, 7-10 december, Florence, 2005); (ISSN 1525-2167).

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5.2. Rezumate naționale:

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3. D. Cozma, C. Mornos, **L. Petrescu**, S. Pescariu, L. Stoica, D. Lighezan, C.T. Luca, G. Ciorica, F. Golda, D. Popa, D. Maximov, St.I. Dragulescu: *Susceptibilitatea la vulnerabilitate versus vulnerabilitatea la fibrilatia atriala pentru caracterizarea remodelarii electrice atriale* (al 45-lea Congres National de Cardiologie, 23-26 septembrie, 2006, Poiana Brasov); (ISSN 1583-2996).
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15. S. I Dragulescu, **L. Petrescu**, A. Ionac, I. Oravitan, B. Mut: *Eco contrast spontan la nivelul atrului stang: predictor pentru embolia arterila sistemica, in valvulopatia mitrala reumatismala. Studiu ecocardiografic transesofagian* (Revista Romana de cardiologie, vol. V, nr.2, 1995);
16. C. Luca, C. Streian, **L. Petrescu**, V. Ivan: *Aspecte ale morbiditatii prin infarct miocardic acut la o cazuistica internata intre anii 1986-1993* (Revista Romana de cardiologie, vol. IV, nr. 2, 1994);
17. **L. Petrescu**, J. P. Elbeze, S. I. Dragulescu, M. Gaspar : *Testul ecocardiografic cu dobutamina in diagnosticarea miocardului ischemic viabil dupa chirurgia coronariana de revascularizare in infarctul miocardic* (Revista Romana de cardiologie, vol. IV, nr.2, 1994);
18. J. P. Elbeze, **L. Petrescu**, S. I. Dragulescu: *Ecocardiografia de stress cu dobutamina pentru diagnosticul leziunilor coronariene inaintea efectuarii angiocoronarografiei* (Revista Romana de cardiologie, vol. IV, nr.2, 1994);
19. S. I. Dragulescu, A. Ionac, I. Oravitan, M. Nicolin, **L. Petrescu**: *Intervalul Q-V flux sistolic aortic, timp sistolic folosit in evaluarea neinvaziva a performantei ventriculului stang. Comparatie cu timpii sistolici consacratii. Studiu eco-doppler* (Revista Romana de cardiologie, vol. IV, nr.2, 1994);
20. S. I. Dragulescu, **L. Petrescu**, A. Ionac, I. Oravitan, J. Abazid: *Studiu comparativ al ecocardiografiei transtoracice si transesofagiene in evaluarea regurgitarilor mitrale si aortice* (Revista Romana de cardiologie, vol. IV, nr.2, 1994);

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22. S. I. Dragulescu, J. Abazid, A. Ionac, **L. Petrescu**: *Left ventricular function in patients with atrial fibrillation before and after conversion* (The 27th National Conference of Cardiology, 2-3 october, Tirgoviste, 1992);
23. S. I. Dragulescu, **L. Petrescu**, J. Abazid, A. Ionac, I. Oravitan: *Comparative effects of natrium nitroprusiat and fenoldopam on left ventricular performance in severe essential hypertension* ((The 27th National Conference of Cardiology, 2-3 october, Tirgoviste, 1992);
24. C. Luca, G. Deutsch. **L. Petrescu**: *Evaluarea radioizotopica a fractiei de ejectie globale si segmentare la bolnavii cu infarct miocardic- efectele dopaminei* (al IV-lea Congres National de Cardiologie, Bucuresti, 2-5 octombrie 1991);
25. C. Luca, C. Streian, I Rab, M. Nicolin, **L. Petrescu**: *Electrostimularea ventriculara programata cu stimuli multipli in evaluarea bolnavilor cu tahicardie ventriculara rezistenta la xilina. Efectele flecainidei* (al III-lea congres national de cardiologie, 24-26 octombrie, Bucuresti, 1985

6. STUDII CLINICE

6.1. – participare in calitate de investigator principal:

1. STUDIUL TRUE –TRIMETAZIDINE MR - UNIQUE EFFICACY IN STABLE ANGINA- ICE-6790-42-ROM (Eficacitatea și acceptabilitatea administrării PREDUCTAL MR -2x 35mg) in tratamentul pacienților cu angină stabilă de efort, timp de 8 săptămâni)

2. STUDIUL ALISKIREN/SPP 100 - PROTOCOL No. CS, PP100C2201 – studiu multicentric, randomizat, dublu-orb, controlat-placebo

- studiu de faza II
- evaluarea eficacității Aliskiren-ului in reducerea proteinuriei la pacienții cu hipertensiune arteriala și DZ tip 2, cind este adăugat la un tratament standard cu sartan și medicație antihipertensivă optimă

4. Studiul CANTOS (Cardiovascular Risk Reduction Study (Reduction in Recurrent Major CV Disease Events)

5. Studiul COMPASS (Cardiovascular Outcomes for People using Anticoagulation Strategies)

6.2. – participare ca membru in echipa de studiu

1. STUDIUL EVEREST- Vasopressin Antagonism in the Treatment of Heart Failure

Protocol No. 156-03-236 IND No.50533

- eficacitatea antagonismului vasopresinei in insuficiența cardiaca

- studiu multicentric, randomizat, dublu-orb, placebo-controlat pentru evaluarea eficacității pe termen lung și siguranței administrării pe cale orală a tabletelor de tolvaptan la subiecții spitalizați cu insuficiență cardiacă congestivă agravată

2. STUDIUL BEAUTIFUL

- studiu de faza III, multicentric, randomizat, dublu-orb, placebo controlat, paralel-grupuri
- efectele IVABRADINEI la pacienți cu boală coronariană și disfuncție sistolică ventriculară

asupra prevenției evenimentelor cardiovasculare

3. STUDIUL SNAPIST III

- determinarea fezabilității administrării intracoronariene a ABI-007 și stabilirea siguranței și a dozei intracoronariene pentru trialurile clinice ulterioare.
- evaluarea incidenței evenimentelor adverse “treatment-emergent” și a evenimentelor adverse serioase.

3. STUDIUL CURRENT (OASIS 7)- Clopidogrel optimal loading dose Usage to Reduce

Recurrent Events - studiu randomizat, multinațional, dublu-orb, care compară regimul de încărcare cu doza mare de clopidogrel versus doza standard la pacienții cu angina instabilă sau infarct miocardic fără supradenivelare de segment ST la care s-a aplicat terapia invazivă precoce.

- STUDIUL RED-HF-** studiu dublu orb, randomizat, multicentric, controlat, placebo care evaluează eficacitatea tratamentului cu Darbepoietin Alfa asupra mortalității și morbidității la subiecții cu insuficiență cardiacă și disfuncție sistolică simptomatică și anemia.
- STUDIUL ROCKET-AF-** studiu prospectiv, randomizat, dublu-orb care compară eficacitatea administrării zilnice unice orale a Rivaroxaban (BAY 59-7939) versus doze orale ajustate de warfarină în prevenția accidentelor vasculare cerebrale și a emboliei sistemice la subiecți cu fibrilație atrială non-valvulară- Protocol 39039039 AFL3001, faza 3.
- STUDIUL The BALANCE** Protocol CK-LX3401- Cardiokine Biopharma, LLC
 - tratamentul hiponatremiei pe bază de Lixivaptan la pacienți cardiaci evaluați cu clasa NYHA III/IV
 - studiu de fază III, multicentric, dublu-orb
- STUDIUL PROTECT** CKI-302- studiu placebo, controlat randomizat, al antagonistului selectiv KW-3902 al receptorilor de angiotensină la pacienții cu insuficiență cardiacă acută și încărcare de volum pentru aprecierea eficacității tratamentului asupra congestiei și funcției renale.
- STUDIUL PEITHO** (Pulmonary Embolism THrOmbolysis Study)- studiu prospectiv, randomizat, dublu-orb, care evaluează eficacitatea unei singure administrări i.v. în bolus a tenecteplazei asociate cu tratament anticoagulant standard în comparație cu anticoagularea standard la pacienții normotensivi cu tromboembolism pulmonar acut și semne ecocardiografice (sau CT Spiral) de disfuncție ventriculară dreaptă.
- Clinical Trial Protocol MK-0524B PN 118** – studiu de faza III, multicentric, care evaluează eficacitatea combinației Niacin/Laropirant/Simvastatin la pacienți cu hipercolesterolemie primară sau dislipidemie mixtă.
- CLINICAL TRIAL PROTOCOL CACZ885M2301** – studiu randomizat, dublu-orb, controlat placebo care evaluează administrarea subcutanată de canakinumab

pentru prevenția evenimentelor recurente cardiovasculare la pacienți stabili post-infarct miocardic cu valori crescute ale PCRhs.

- 12. STUDIUL EXSCEL (EXenatide Study of Cardiovascular Event Lowering Trial)**- studiu randomizat, placebo, care evaluează beneficiile cardiovasculare ale tratamentului cu exenatide săptămânal la pacienții cu diabet zaharat tip 2.

7. PROIECTE NAȚIONALE – membru în echipă

1. STRATEGIA BAZATĂ PE TESTELE INFLAMATORII ÎN VEDEREA SELECTĂRII PACIENȚILOR PENTRU IMPLANTUL STENTURILOR CORONARIENE ACTIVE FARMACOLOGIC –ACRONIM “BATISCAF”
 - PROIECT VIASAN, 2004-2006, CONTRACT, T 315/2004
 - Elaborarea unei strategii simple, bazată pe evaluarea nivelului seric al proteinei C reactive-
hs, pentru stabilirea indicației implantului de stenturi coronariene active farmacologic
2. OPTIMIZAREA COMPUTERIZATĂ A PROCESULUI DE DIAGNOSTIC, INTERVENȚIE TERAPEUTICĂ ȘI PROGNOSTIC A BOLILOR CARDIOVASCULARE- CARDIOCOMP – PROGRAMUL DE CERCETARE DE EXCELENȚĂ PROIECT CEEX P-CD cod 1180 competiția 2006
 - contract 81/2006
 - Autoritatea Contractantă: Academia de Științe Medicale (ASM) București
 - Contractor titular: ACADEMIA ROMANA- FILIALA TIMIȘOARA
 - Contractor asociat (PARTENER P4): 461.000 lei (RON) Institutul de Boli Cardiovasculare
3. OPTIMIZAREA MANAGEMENTULUI DISFUNȚIILOR VALVULARE CARDIACE PRIN UTILIZAREA TEHNICILOR DE ECOCARDIOGRAFIE TRIDIMENSIONALĂ
 - contract de finanțare nr. 308/1.10.2007
 - Program IDEI
 - Tip proiect : Proiect de cercetare exploratorie
 - cod proiect ID 1260

8. Recunoaștere națională și internațională

1. **Membru în academii de știință și artă**
 - membru al Uniunii Scriitorilor din România din 1991;
2. **Membru în societăți științifice și profesionale:**
 - membru al Societății Naționale de Cardiologie;
 - membru al Societății Europene de Cardiologie;
 - membru al Asociației Europene de Cardiologie Intervențională;
 - membru al Societății Române de Terapie Endovasculară.
3. **Visiting Professor – Universidad Nacional del Nord-Este – Corrientes – Argentina 1995**

Lucrări de absolvire, licență (diplomă), disertație, doctorat conduse:

- peste 100 lucrări de licență (diplomă) conduse în perioada 2000-2017 la Facultatea de Farmacie și Facultatea de Medicină Generală - secțiile română și franceză – ale Universității de Medicină și Farmacie "V. Babeș" Timișoara.

- 11 doctoranzi – 5 teze absolvite.

- peste 50 de referate comisii de doctorat

Limbi străine: Engleză – scris și vorbit – nivel avansat.
Franceză – scris și vorbit – nivel superior.
Germană/Italiană – scris și vorbit – nivel mediu.



Prof. Dr. Lucian Petrescu
medic primar interne și cardiologie