

CURRICULUM VITAE ET STUDIORUM



Nume: **PETRESCU**

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Data nașterii:

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Calificare actuală:

- Profesor Universitar - Departamentul VI Cardiologie – U.M.F. “Victor Babeș” Timișoara
Director Departamentul VI Cardiologie, Șef Disciplina Cardiologie II
- Șef Secție Cardiologie – Institutul de Boli Cardiovasculare Timișoara
- Medic primar interne și cardiologie
- Conducător de doctorate, membru al CSUD, U.M.F. “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
- Stagiu 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

Alte domenii de activitate:

- Scriitor – Beleturistică – 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 IN ECOCARDIOGRAFIE/TRANSESOFAGIANĂ**
- **COMPETENȚĂ IN 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
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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 afectiuni 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).

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

1. Simina Crișan, **Lucian Petrescu**, Mihai Andrei Lazăr, Cristina Văcărescu, Alina-Ramona Nicola, Dragoș Cozma, Cristian Mornos, 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**
2. 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**

3. 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**
4. 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**
5. 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)**
6. 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.**
7. 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.**
8. 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.**
9. Lip 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.**
10. Cozma D, Streian CG, **Petrescu L**, Mornos C. *Subclinical left atrium remodelling in patients with frequent premature ventricular contractions*. Kardiologia Polonica 2014;72(11):1141-7, 0022-9032 (print) 1897-4279 (online). **Revista ISI, FI - 0,519.**
11. Mornos C, **Petrescu L**, Pescariu S, Dan R, Cozma D. *Prognostic value of septal E/(E'xS') ratio in predicting cardiac death in patients with heart failure*. Kardiologia Polonica 2014;72(2):166-74, 0022-9032 (print) 1897-4279 (online). **Revista ISI FI - 0,519.**
12. 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.**
13. Mornoş 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.**
14. Mornoş 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**

15. 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**.
16. 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**.
17. 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**.
18. Cristian Mornos, Dragos Cozma, Lucian Petrescu, Adina Ionac, Dan Rusinaru, Stefan-Iosif Dragulescu: *E/(EaxSa) 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**.
19. 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**.
20. 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**.
21. 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**.
22. D. Cozma, B.A. Popescu, D. Lighezan, **L. Petrescu**, C. Mornoș, 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**.
23. D. Cozma, 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)**
24. 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 actual : 7

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

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.
8. Crișan Simina, Nicola Alina-Ramona, Valcovici Mihaela, Matei Oana, Lazăr Mihai-Andrei, Gaspar Marian, **Petrescu Lucian**, Luca Constantin Tudor. *Pulmonary embolism: to be or not to be .Case Report.* Fiziologia-Physiology, 2015, vol. 25, No. 4 (88), Revista BDI, Indexata EBSCO, Index Copernicus
9. Ionac A, Mornos C, Feier H, **Petrescu L**, Popescu I, Ionescu GS, Gaspar M, Dragulescu SI. *Pre-operative transesophageal three-dimensional echocardiography in the assessment of aortic and mitral stenosis: clinical experience.* Revista Medico-Chirurgicala a Societatii de Medici si Naturalisti Iasi, 2010, nr 4, vol 114, Revista BDI indexată Index Medicus și Medline
10. Jahraus HJ, Mornos C (coresp), Oancea C, **Petrescu L**, Ardeleanu L. *The influence of bosentan and sildenafil treatment in improving clinical, echocardiographic and laboratory parameters in patients with pulmonary arterial hypertension.* Medicine in evolution 2013; XIX (2): 249-259. Revista BDI Index Copernicus
11. Mornos C, Jahraus HJ, Oancea C, Ardeleanu L, **Petrescu L**, Ionac A, Pescariu S. *Speckle tracking echocardiography, a modern technique for left ventricular deformation analysis in patients with pulmonary arterial hypertension.* Medicine in evolution 2013; XIX (1): 1-10. Revista BDI Index Copernicus
12. Jahraus HJ, Mornos C (coresp), Oancea C, Ardeleanu L, **Petrescu L**. *The influence of treatment with bosentan and sildenafil on myocardial deformation parameters in patients with pulmonary arterial hypertension.* Medicine in evolution 2013; XIX (1): 18-25. Revista BDI Index Copernicus

13. C Mornoș, **L Petrescu**, D Cozma, S Pescariu, A Mornoș, A Ionac. *The influence of left bundle branch-block and cardiac dyssynchrony on 2D-strain parameters in patients with heart failure complicating ischemic cardiomyopathy*. Rom J Intern Med 2011; 49 (3):179–188. Revista BDI, indexata Pub Med.
14. **L. Petrescu**, R. Dan: *Mijloace actuale biologice si imagistice de decelare a “placii instabile” arteriale*. Revista Romana de Cardiologie, vol XXV, Nr. 2, 2010, 124-127., ISSN 1583-2996, categoria B+CNCSIS
15. Raluca Tudor, **Lucian Petrescu**, Daniela Maximov, Rodica Dan, Stefan I. Dragulescu: *Endothelial Dysfunction after Drug-Eluting Stent Implantation*. Timisoara Medical Journal, 2010, vol. 60, nr. 4, ISSN 1583-5251, categoria B CNCSIS.
16. Rodica Dan, L. Petrescu, R. Timar, St.I. Dragulescu: *Particularities of the interrelation between heart failure and diabetes mellitus* – (Timisoara Medical Journal ,vol. 59, nr. 1 2009) ISSN 1583-5251, categoria B CNCSIS.
17. C. Mornos, A. Ionac, D. Cozma, D. Rusinaru, D. Maximov, **L. Petrescu**, A. Lupu, St.I. Dragulescu: *The Role of Tissue Doppler Echocardiography in the Estimation of NTproBNP Level in Patients with Dilated Cardiomyopathy* (Timisoara Medical Journal, vol. 58, nr. 1-2, p. 50-56, january-june 2008); (ISSN 1583-5251) categoria B CNCSIS.
18. O. S. Pleascar, D. Cozma, **L. Petrescu**, D. Popa, M. Slovenski, St.I. Dragulescu: *Left Atrial Surface Cut Point to Detect Trapezoidal Shape for Characterisation of Atrial Anatomical Remodeling* (Romanian Journal of Internal Medicine, vol. 46, nr. 1, p. 47-53, 2008);
19. **L. Petrescu**: *Interventia percutana cu stent reductor pe sinusul coronar in tratamentul anginei pectorale cronice refractare* (JACC-RO, vol. 2, nr. 2, p. 128-130, iunie 2007); (ISSN 1842-3892).
20. M. Gaspar, G. Laufer, A. Ionac, **L. Petrescu**, C. Jusca, P. Deutsch, C. Luca, St.I. Dragulescu: *Surgical Management and Outcome in Primary Cardiac Tumors* (Timisoara Medical Journal, vol. 56, nr. 4, p. 315-319, octombrie-decembrie, 2006); (ISSN 1583-5251) categoria B CNCSIS.
21. **L. Petrescu**, Rodica Dan, Milovan Slovenski, Dan Gavrilescu, Stefan I. Dragulescu: *Etiopathogenesis and Evolution of Coronary Lesions in Small Coronary Vessels* (Timisoara Medical Journal, vol. 56, Suppl. 4, p. 40-44, septembrie, 2006); (ISSN 1583- 5251) categoria B CNCSIS.
22. Raluca Iman, **L. Petrescu**, R. Dan, D. Maximov, St.I. Dragulescu: *Predictive Factors in Atherogenesis* (Timisoara Medical Journal, vol. 56, suppl. 4, p. 45-49, 2006); (ISSN 1583- 5251) categoria B CNCSIS.
23. St.I. Dragulescu, **L. Petrescu**, R. Dan : *The modern therapy of cardiovascular risk factors in the concept of the cardiovascular continuum* (Timisoara Medical Journal, vol. 56, suppl. 2, p. 170-173, 2006); (ISSN 1583- 5251) categoria B CNCSIS.
24. M. Susan, A.I. Ravis, **L. Petrescu**, St.I. Dragulescu: *Dual Renin Angiotensin System Blockade in Heart Failure and in Myocardial Infarction* (Timisoara Medical Journal, vol. 56, nr. 2-3, p. 198-205, 2006); categoria B CNCSIS.
25. M. Gaspar, G. Laufer, A. Ionac, **L. Petrescu**, C. Jusca, P. Deutsch, G. Dumitrasciuc, St.I. Dragulescu: *Surgical Management and Outcome in Primary Cardiac Tumors – Case Report* (Romanian Journal of Cardiovascular Surgery, vol. 5, nr. 2, p. 101-107, iunie 2006); (ISSN 1583-3534).
26. Rodica Dan, **Lucian P. Petrescu**, Milovan Slovenski, Adina Ionac, Dragos Cozma, Stefan I. Dragulescu: *Percutaneous Transluminal Septal Ablation – Modern and Efficient Therapeutic Procedure in Severe Cases of Obstructive Hypertrophic*

Cardiomyopathy (Timisoara Medical Journal, octombrie-decembrie 2005); (ISSN 1583-5251) categoria B CNCSIS.

27. Rodica Dan, Adina Ionac, **Lucian P. Petrescu**, Denise Dragulescu, Stefan I. Dragulescu: *Hypertrophic Cardiomyopathy – A Modern Clinical and Therapeutic Perspective* (Timisoara Medical Journal, iulie-septembrie 2005); (ISSN-1583-5251) categoria B CNCSIS.

28. D. Cozma, **L. Petrescu**, D. Lighezan, D. Gaita, St.I. Dragulescu: *Is Age Correlated with Dynamic Atrial Decremental Conduction Properties?* (Romanian Journal of Internal Medicine, 2005, 43, 3-4, 211-222);

29. M. Susan, **L. Petrescu**, A.I. Ravis, R.M. Susan, D. Burghina, R. Dan, D. Cozma, St.I. Dragulescu: *Dual Renin Angiotensin System Blockade in Patients with Acute Myocardial Infarction and Preserved Left Ventricular Systolic Function* (Romanian Journal of Internal Medicine, 2005, vol. 43, 3-4, p. 187-198);

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 73. D. Cozma, C. Luca, S. Pescariu, **L. Petrescu**, F. Golda, Șt.I. Dragulescu: *Atrial Stretch in Patients with Paroxysmal Junctional Tachycardias and Atrial Fibrillation but Structurally Normal Heart* (Venice Arrhythmias 2005 - 9th International Workshop on Cardiac Arrhythmias, October 2-5, 2005, Venice); (ISSN 1099-5129).
 74. D. Cozma, S. Pescariu, C.T. Luca, **L. Petrescu**, D. Lighezan, L. Stoica, G. Ciorica, Șt.I. Dragulescu: *Anatomical and Electrical Remodelling in*

Paroxysmal vs Persistent Atrial Fibrillation (Venice Arrhythmias 2005 - 9th International Workshop on Cardiac Arrhythmias, October 2-5, 2005, Venice); (ISSN 1099-5129).

75. D. Cozma, C. Mornos, S. Pescariu, C.T. Luca, **L. Petrescu**, St.I. Dragulescu: *Automatic Border Detection Pattern of Left Ventricle for Biventricular Pacing* (Venice Arrhythmias 2005 - 9th International Workshop on Cardiac Arrhythmias, October 2-5, 2005, Venice); (ISSN 1099-5129).

76. D. Cozma, A. Ionac, **L. Petrescu**, C. Mornos, R. Dan, St.I. Dragulescu: *Echocardiographic Evaluation for Biventricular Pacing Indication: Global Myocardial Index and Automatic Border Detection Pattern of Left Ventricle* (IXth World Congress of Echocardiography and Vascular Ultrasound, September 15-17, 2005, Marrakesh);

77. D.C. Cozma, S. Pescariu, C. Mornos, D. Lighezan, F. Golda, **L. Petrescu**, St.I. Dragulescu: *Is Age Correlated with Dynamic Atrial Decremental Conduction Properties?* (Meeting of the European Heart Rhythm Association, 26-29 June, 2005, Prague); (ISSN 1099-5129).

78. D. Cozma, S. Pescariu, D. Lighezan, **L. Petrescu**, C. Mornos, St.I. Dragulescu: *Left Ventricular Desynchronization Assessment Using Global Myocardial Index in Patients with Dilated Cardiomyopathy* (CARDIOSTIM 2005: Pacing & Hemodynamics: Art of timing, 6-8 April, 2005, Budapest); (ISSN 1099-5129).

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80. D. Cozma, J. Kalifa, D. Lighezan, S. Pescariu, C.T. Luca, **L. Petrescu**, G. Ivanica, J.C. Deharo, P. Djiane, St.I. Dragulescu: *Atrial Stretch Evidences in Patients with Lone Paroxysmal Atrial Fibrillation*, Eight International Workshop Cardiac Arrhythmias, Europace Supplements, vol. 4, 5-8 October 2003, Venice; (ISSN 1099-6044).

81. R. Schmitt, P. Meyer, Ph. Durant, **L. Petrescu**, St.I. Dragulescu, M. Gaspar, J.O. Gomez Moreno: *Primary Percutaneous Transluminal Angioplasty in Acute Myocardial Infarction*, V^{es} Journées Européennes de la Société Française de cardiologie, 12-14 January, 1995, Paris.

82. J.O. Gomez Moreno, G.R. Bonzon, R. Schmitt, Ph. Durant, P. Meyer, **L. Petrescu**, M. Gaspar: *Angioplastia coronaria en el infarto agudo de miocardio*, XXI Congreso Argentino de Cardiología, 23-26 October, 1994, Buenos Aires

5.2. Rezumate naționale:

1. C. Udrioiu, D. Deleanu, L. Zarma, B. Mut, L. Petrescu, D. Olinic, S. Balanescu, D. Vinereanu: *Procedurile de dilatare coronariana percutana in Romania* (al XXXVI-lea Congres National de Cardiologie, 15-18 sept. 2007, Sinaia); (ISSN: 1583-2996)
2. D. Cozma, D. Popa, C. Mornos, **L. Petrescu**, D. Lighezan, C.T. Luca, F. Golda, D. Maximov, R. Dan, St.I. Dragulescu: *Volumul trunchiului de con pentru evaluarea remodelarii anatomice si a dilatarii atriului sting* (al XXXVI-lea Congres National de Cardiologie, 15-18 sept. 2007, Sinaia); (ISSN: 1583-2996).

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).
4. D. Cozma, C. Mornos, **L. Petrescu**, A. Ionac, L. Stoica, C.T. Luca, D. Lighezan, G. Ciorica, F. Golda, D. Popa, D. Maximov, St.I. Dragulescu: *Valoarea limita a suprafetei atriale stingi pentru estimarea formei trapezoidale in caracterizarea remodelarii anatomice atriale* (al 45-lea Congres National de Cardiologie, 23-26 septembrie, 2006, Poiana Brasov); (ISSN 1583-2996).
5. S. Mihaicuta, D. Muntean, A. Ionac, V. Tudorache, **L. Petrescu**, F. Mihaltan, I. Ravis, St.I. Dragulescu: *Daytime Somnolence in Patients with Obstructive Sleep Apnea, Systemic Hypertension and Heart Failure* (2nd International Conference of the Timisoara Institute of Cardiovascular Medicine - "Update in Cardiovascular Medicine", 4-6 april 2002, Timisoara; Timisoara Medical Journal, vol. 52, nr. 1, suppl. 1, 2002); (ISSN: 0493-3079).
6. V. Tudorache, S. Mihaicuta, A. Ionac, **L. Petrescu**, D. Muntean, F. Mihaltan, I. Ravis, St.I. Dragulescu: *Sleep Apnea and Cardiovascular Disease* (2nd International Conference of the Timisoara Institute of Cardiovascular Medicine - "Update in Cardiovascular Medicine", 4-6 april 2002, Timisoara; Timisoara Medical Journal, vol. 52, nr. 1, suppl. 1, 2002); (ISSN: 0493-3079).
7. B. Mut-Vitcu, M. Slovenski, **L. Petrescu**, C. Dina, D. Gavrilescu, D. Maximov, A. Ionac, D. Gaita, St. I. Dragulescu: *Stentarea primara a arterelor coronare mici cu Carbestent* (al 40-lea Congres National de Cardiologie, Sinaia, 26-29 septembrie, 2001);
8. C.O. Luca, H. Branea, L.P. Petrescu, M. Slovenski, B. Mut, C. Dină, C.T. Luca, L. Vasiliuță, C. Cacherda, Șt. I. Drăgulescu: *Metode mecanice, farmacologice și combinate în deobstrucția coronariană din IMA – un studiu pe 116 pacienți internați în Unitatea Coronariană* - al 40-lea Congres Național de Cardiologie, Sinaia, 26-29 septembrie, 2001);
9. C.O. Luca, L.P. Petrescu, H. Branea, M. Slovenski, B. Mut, C. Dină, C.T. Luca, V.D. Moga, Șt. I. Drăgulescu: *Efectele angioplastiei primare în IMA comparative cu regimurile trombolitice la un grup de 43 de pacienți din Unitatea Coronariană*, al 40-lea Congres Național de Cardiologie, Sinaia, 26-29 septembrie, 2001);
10. C. Dina, M. Slovenski, B. Mut, **L. Petrescu**, D. Gavrilescu, St.I. Dragulescu: *Angioplastia coronariana percutana transluminala prin abord transradial* (Zilele Academice Timisene, editia a VIII-a, 24-25 mai, Timisoara, 2001);
11. A. Fluture, A. Ionac, **L. Petrescu**, M. Slovenski, B. Mut, C. Dina, D. Gavrilescu, S. Pescariu, St.I. Dragulescu: *Utilitatea ecocardiografiei transesofagiene de stress farmacologic cu Dobutamina în diagnosticul cardiopatiei ischemice – studiu preliminar* (al 38-lea Congres National de Cardiologie, 29 septembrie – 2 octombrie, 1999, Sinaia);
12. A. Fluture, A. Ionac, S. Pescariu, **L. Petrescu**, M. Slovenski, D. Gavrilescu, B. Mut, C. Dina, A. Crisnic, St.I. Dragulescu: *Predictia cardiopatiei ischemice prin detectarea placilor de aterom aortice intratoracice utilizind ecocardiografia transesofagiana si prin detectarea placilor de aterom carotidiene extracraniene*

utilizind ecografia in modul 2D (al 38-lea Congres National de Cardiologie, 29 septembrie – 2 octombrie, 1999, Sinaia);

13. H. Branea, **L. Petrescu**, C. T. Luca, V. Moga, C. Luca, St. I. Dragulescu: *Dispersia intervalului QT la bolnavii stabili coronarieni. Efectele repermeabilizarii coronariene* (al 37-lea Congres National de Cardiologie, 30 septembrie – 3 octombrie, 1998, Sinaia);
14. S. I. Dragulescu, **L. Petrescu**, A. Ionac, B. Mut: *Afectarea ventriculului stang si drept la bolnavii cu cardiomiopatie dilatata: diagnostic si implicatii clinice* (Revista Romana de Cardiologie, vol. V, nr.2, 1995);
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);
21. R. Schmitt, P. Meyer, R. Durand, **L. Petrescu**, St.I. Dragulescu, M. Gaspar, J.O. Gomez Moreno: *Angioplastia transluminala coronariana in infarctul miocardic acut* (Revista Romana de cardiologie, vol. IV, nr.2, 1994);
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 rezistentă 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 arterială 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 cardiacă
- 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.

5. **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.
6. **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.
7. **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
8. **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.
9. **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.
10. **Clinical Trial Protocol MK-0524B PN 118** – studiu de fază III, multicentric, care evaluează eficacitatea combinației Niacin/Laropirant/Simvastatin la pacienți cu hipercolesterolemie primară sau dislipidemie mixtă.
11. **CLINICAL TRIAL PROTOCOL CACZ885M2301** – studiu randomizat, dublu-orb, controlat placebo care evaluează administrarea subcutanată de canakinumab pentru prevenirea 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, Ț 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 CEE 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.

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

- peste 100 lucrări de licență (diplomă) conduse in periada 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 – 1 teză absolvită.
- peste 40 de referate comisii de doctorat

Limbi străine: Engleza – scris și vorbit – nivel avansat.
Franceza – scris și vorbit – nivel superior.
Germana/Italiana – scris si vorbit – nivel mediu.

Timișoara, iulie 2018

**Prof. Dr. Lucian Petrescu
medic primar interne și cardiologie**