

## CURRICULUM VITAE

Nume: **PETRESCU**

Prenume: **LUCIAN**

Data nașterii: 20.03.1955

Locul nașterii: C

Stare civila: cas

Adresa actuala:

### Calificare actuală:

- Profesor Universitar- Director Departamentul VI - Cardiologie – U.M.F. "Victor Babeș" Timișoara
- Coordonator Compartiment USTACC – Institutul de Boli Cardiovasculare Timișoara
- Medic primar interne și cardiologie
- Component al CSUD, conducator de doctorate.

### Școlarizare:

- Liceul Teoretic " Constantin Daicoviciu Loga " Timișoara – 1975
- Institutul de Medicina și Farmacie Timișoara, Facultatea de Medicina Generală absolvită in 1982

### Experiență profesionala:

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

### Alte domenii de activitate:

- Scriitor – Beletristică – membru al Uniunii Scriitorilor din România, autor a 6 volume publicate (beletristică), 2 premii ale Uniunii Scriitorilor (1999, 2000)

### Competențe:

- **COMPETENȚĂ IN ECOCARDIOGRAFIE TRANSESOFAGIANĂ**
- **COMPETENȚĂ IN CARDIOLOGIE INTERVENȚIONALĂ**

### Cursuri:

mai-oct 1993	- Specializare cardiologie intervențională la Institute Arnault Tzanck – Nice, France
mai 1999	- Specialitatea de cardiologie: medic primar cardiolog
mai 1999	- Curs de terapie endovasculară , Paris, Franța
mai 2000	- Curs de revascularizare coronariană și periferică, Paris, Franța
iulie 2001	- Specializare cardiologie intervențională la Essen Velbert Klinikum, Germania
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
mai 2006	- Curs de revascularizare coronariană și periferică, Paris.

### Activitate științifică

#### **1. Cărți, monografiile, tratate, capitole:**

- "Terapia bolnavului critic coronarian" - C. Luca, **L. Petrescu**, Ed. Facla, 1987;
- "Ecocardiografia Doppler cantitativă" - Ștefan I. Drăgulescu – colaboratori: **L. Petrescu**, Adina Ionac, Ionuț Orăvițan, Ed. Helicon, 1993;
- "Angioplastia coronariană primară de dezobstrucție in infarctul miocardic acut" - Șt. I. Drăgulescu, **L. Petrescu**, Ed. Univers Enciclopedic, 1996;
- "Ghid practic de urgente cardiovasculare, realizat sub egida Grupului de Lucru de cardiologie de Urgenta al Societatii Romane de Cardiologie" Editor Sef: Calin Pop; Editori:Antoniou Petris, Diana Tint, **Lucian Petrescu**, Gabriel Tatu-Chitoiu. Media Med Publicis, Bucuresti, 2014;

#### **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 terapeuțică 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).

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

1. Boriani G, Laroche C, Diemberger I, Popescu MI, Rasmussen LH, **Petrescu L**, Crijns HJGM, Tavazzi L, Maggioni AP, Lip GYH. *Glomerular filtration rate in patients with atrial fibrillation and 1-year outcomes*, Scientific Reports | 6:30271 | DOI: 10.1038/srep30271, 2016, **Revista ISI, FI 5,578**
2. 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**.
3. 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**.
4. 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**.
5. Cozma D, Streian CG, **Petrescu L**, Mornos C. *Subclinical left atrium remodelling in patients with frequent premature ventricular contractions*. Kardiol Pol 2014;72(11):1141-7,0022-9032 (print) 1897-4279 (online). **Revista ISI, FI 0,519**.
6. 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*. Kardiol Pol 2014;72(2):166-74, 0022-9032 (print) 1897-4279 (online). **Revista ISI FI 0,519**.
7. 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**.
8. Mornoș 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**.
9. Mornoș 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**
10. 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**.
11. 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**.
12. 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**.

13. Cristian Mornos, Dragos Cozma, Lucian Petrescu, Adina Ionac, Dan Rusinaru, Stefan-Iosif Dragulescu: *E/(EaxSa) Estmates 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.**
14. Mornos C, Cozma D, Rusinaru D, Ionac A, Maximov D, **Petrescu L**, Dragulescu Sl. 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.**
15. 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.**
16. D. Cozma, B.A. Popescu, D. Lighezan, **L. Petrescu**, C. Mornos, C. Gingham, 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.**
17. D. Cozma, B.A. Popescu, D. Lighezan, **L. Petrescu**, C. Mornoș, C.T. Luca, Carmen Ginghamă, 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.**
18. 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)**
19. B. Mut-Vitcu, D. Maximov, M. Slovenski, **L.P. Petrescu**, D. Gavrilesu, 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 4<sup>th</sup> International Congress on Coronary Artery Disease, Prague, Czech Republic, Monduzzi Editore, p. 659-664, october, 21-24, 2001;

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

1. 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**
2. Ionac A, Mornos C, Feier H, **Petrescu L**, Popescu I, Ionescu GS, Gaspar M, Dragulescu Sl. *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
3. 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

4. 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

5. 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

6. 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, inexata Pub Med.

7. **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

8. 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.

9. 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.*

10. 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.*

11. 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);*

12. **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).*

13. 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.*

14. **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.*

15. 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.*

16. S.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.*

17. 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.
18. 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).
19. 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.
20. 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.
21. 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);
22. 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);
23. G. Dumitrasciuc, M. Gaspar, A. Ionac, C. Jusca, P. Deutsch, **L. Petrescu**, B. Mut, St.I. Dragulescu: *Left Atrial Mixoma Associated with Coronary Artery Disease – Uncommon Challenge* (Timisoara Medical Journal, vol. 54, nr. 4, p. 370-373, octombrie-decembrie, 2004); (ISSN 1583-5251) categoria B CNCSIS.
24. D. Cozma, J. Kalifa, S. Pescariu, D. Lighezan, J.-C. Deharo, C. Mornos, P. Djiane, C.T. Luca, **L. Petrescu**, St.I. Dragulescu: *Global Myocardial Index in Patients with Multisite Pacing* (Romanian Journal of Internal Medicine, vol. 42, nr. 3, 2004, 521-531);
25. D. Cozma, D. Lighezan, **L. Petrescu**, S. Pescariu, C.T. Luca, C. Mornos, I. Gyalai, St.I. Dragulescu: *Absence of Correlation between QRS Duration and Echographic Parameters of Ventricular Desynchronization. Can We Still Trust the Electrocardiographic Criteria?* (Romanian Journal of Internal Medicine, 2004, 42, 3: 503-511);
26. D. Cozma, S. Pescariu, C.T. Luca, A. Ionac, D. Lighezan, **L. Petrescu**, St.I. Dragulescu: *Echocardiographic Evidences of Increased Left Ventricular Pressure and Atrial Dilatation in Patients with Drug-Resistant Paroxysmic Atrial Fibrillation and Structurally Normal Heart* (Romanian Journal of Internal Medicine, vol. 42, nr. 1, 2004, 129-136);
27. D. Cozma, S. Pescariu, C.T. Luca, G. Ivanica, **L. Petrescu**, C. Mornos, St.I. Dragulescu: *Ablatia in istmul cavo-tricuspidian prin mapping ghidat de amplitudinea electrogramelor atriale, la pacienti cu flutter atrial tipic*, BMJ, vol. II, nr. 2, 2004; (ISSN 1222- 3835);
28. M. Gaspar, G. Laufer, H. Antretter, J. Bonatti, L. Müller, O. Chevtchik, M. Riha, **L.P. Petrescu**, C. Jusca, St. I. Dragulescu: *Mixomul cardiac – spectrul clinic variat care intirzie diagnosticul*, Timisoara Medicala, nr. 2, vol. 52, 2002; (ISSN 0493- 3079) categoria B CNCSIS;
29. A. Gontean, V. Niculescu, **L. Petrescu**: *Corelatii anatomo-clinice in analiza imaginilor coronarografice*, Timisoara Medicala, nr. 4, vol. LI, 2001; categoria B CNCSIS;

30. A. Fluture, A. Ionac, **L. Petrescu**, M. Slovenski, Gh. Mihalas, D. Gaita, A. Crisnic, S. Pescariu, St.I. Dragulescu: *Comparing the Efficiency of the Echocardiographic Pharmacological Stress Test with Ergometric-ECG Exercise Stress Test in the Diagnosis of the Coronary Artery Disease. Preliminary Study* (Timisoara Medicala, nr. 3, vol. L, p. 63-66, 2001); (ISSN 0493-3079) categoria B CNCSIS;
31. A. Fluture, A. Ionac, S. Pescariu, D. Maximov, **L. Petrescu**, M. Slovenski, D. Gavrilescu, B. Mut, I. Socoteanu, M. Gaspar, M. Cocora, I. Ciobanu, St.I. Dragulescu: *The Role of Transesophageal Echocardiography in Diagnosing the Intratoracic Aortic Dissection. The Experience of the Institute of Cardiology Timisoara* (Timisoara Medicala, nr. 3, vol. L, p. 55-58, 2001); (ISSN 0493-3079) categoria B CNCSIS;
32. **L.P. Petrescu**, C. Luca, St.I. Dragulescu, M. Dumitrasciuc, M. Slovenski, M. Stiubei, B. Mut, D. Gavrilescu, C. Dina, H. Branea, C.T. Luca: *Angioplastia coronariana percutana primara de dezobstructie in infarctul miocardic acut*, Revista Romana de Cardiologie, vol. X, nr. 1, p. 16-21, 2000; (ISSN 1220-658X) categoria D CNCSIS;
33. I. Branea, D. Gaita, St.I. Dragulescu, I. Socoteanu, C. Luca, S. Mancas, S. Dragan, M. Iurciuc, D. Velimirovici, M. Gaspar, A. Fluture, A. Ionac, P. Deutsch, S. Pescariu, **L. Petrescu**, H. Branea, B. Mut, C. Dina, M. Crisnic, C.A. Sarau: *Assessment of Treatment with Orotate Magnesium in Early Postoperative Period of Patients with Cardiac Insufficiency and Coronary Artery By-Pass Grafts (ATOMIC)* (Romanian Journal of Internal Medicine, vol. 37, suppl. 3, p. 289-296, 1999);
34. St.I. Dragulescu, A. Ionac, **L. Petrescu**, I. Oravitan, A. Fluture: *Transesophageal Echocardiography in the Evaluation of the Risk of Systemic Arterial Embolization. Spontaneous Echocontrast* (Timisoara Medicala, editie omagiala – 1945-1995, p. 52-56, 1995); categoria B CNCSIS
35. C. Streian, L. Branzan, St.I. Dragulescu, R. Cristodorescu, D. Rosu, **L. Petrescu**: *Evaluarea ecocardiografica (in sistemul M) a hipertrofiei si wall-stress-ului ventriculului sting in incarcările de volum si de presiune* (Revista Romana de Medicina Interna, vol. XXXVI, nr. 4, p. 373-377, 1984).

## 5. Lucrari publicate in volumele unor conferințe naționale și/sau internaționale, cu referenți și comitet de program:

### 5.1. Rezumate internationale:

1. C Mornos, A Mornos, A Ionac, D Cozma, S Crisan, I Popescu, G Ionescu, **L Petrescu**. *Prognostic value of a new Tissue Doppler index in patients with unoperated severe aortic stenosis*. Eur Heart J Cardiovasc Imaging 2014;15(suppl 2):ii25-ii51 (P217).ISSN 2047-2404
2. Mornos C, Pascalau L, Brie D, Gavrilescu D, Gheorghiu M, **Petrescu L**. *The utility of thrombus aspiration during primary PCI in anterior STEMI assessed by myocardial deformation analysis using tissue Doppler and tridimensional strain imaging*. EuroIntervention - EuroPCR Abstracts 2013; POS127.ISSN\_1774-024X.
3. C Mornos, A Ionac, D Cozma, I Popescu, G Ionescu, R Dan, **L Petrescu**. *Left ventricular function recovery assessed by myocardial deformation analysis in patients with anterior ST-segment elevation myocardial infarction treated with thrombus aspiration*. Eur Heart J Cardiovasc Imaging Abstracts Supplement 2013; 14 ( Supplement 2 ): ii181 ISSN 2047-2404
4. C Mornos, A Ionac, D Cozma, **L Petrescu**. *The value of thrombus aspiration during primary PCI in anterior STEMI for left ventricular function recovery assessed by*

- myocardial deformation analysis using Tissue Doppler and tridimensional strain imaging. Canadian Journal of Cardiology 2013; 29 (10) Supplement: S240 ISSN 0828-282X.*
5. C Mornos, D Cozma, **L Petrescu**, D Dragulescu, A Mornos, S Pescariu, A Ionac. *The value of a new tissue Doppler parameter to predict cardiac death in patients with heart failure. Eur J Echocardiography Abstracts Supplement 2012; 13 ( S1 ): i35 ISSN 2047-2404.*
  6. C Mornos, A Ionac, D Cozma, A Mornos, D Dragulescu, **L Petrescu**, S Pescariu. *Could the future anthracycline-induced cardiotoxicity be early predicted by using left ventricular global longitudinal strain assessed by three-dimensional speckle tracking? Eur J Echocardiography Abstracts Supplement 2012, 13 ( S1 ): i92 ISSN 2047-2404*
  7. C Mornos, D Cozma, A Ionac, A Mornos, M Valcovici, S Pescariu, **L Petrescu**. *Additive value of twist to global longitudinal left ventricular strain in the early detection of anthracycline-induced cardiotoxicity. Eur J Echocardiography Abstracts Supplement 2012; 13 ( S1 ): i186 ISSN 2047-2404.*
  8. C Mornos, D Cozma, D Dragulescu, A Ionac, A Mornos, **L Petrescu**. *Additive value of twist to global longitudinal left ventricular strain in the early detection of anthracycline-mediated cardiotoxicity. European Heart Journal 2012; 33 (Abstract Supplement): 15. ISSN 0195-668X.*
  9. C Mornos, **L Petrescu**, D Cozma, A Mornos, S Pescariu, D Dragulescu, A Ionac. *Prognostic value of global longitudinal strain assessed by 2D-strain imaging in patients with heart failure. European Heart Journal 2012; 33 (Abstract Supplement): 163. ISSN 0195-668X*
  10. C Mornos, D Cozma, A Ionac, D Dragulescu, A Mornos, **L Petrescu**. *Could E/(E'xS') Ratio Predict Atrial Fibrillation in Patients with Heart Failure? A Prospective Study. Journal of the American Society of Echocardiography 2011; 24 (5): B11 (P1-25). ISSN 0894-7317*
  11. C Mornos, D Cozma, A Ionac, **L Petrescu**, A Mornos, S Pescariu. *The Prognostic Value of a New Tissue Doppler Parameter in Patients with Heart Failure. Journal of the American Society of Echocardiography 2011; 24 (5): B15 (P1-36) ISSN 0894-7317*
  12. C Mornos, D Cozma, A Ionac, A Mornos, **L Petrescu**. *Lateral, Medial, Average or Maximal Tissue Doppler Velocities for the Estimation of Left Ventricular Filling Pressure in Patients with Heart Failure. Journal of the American Society of Echocardiography 2011; 24 (5): B17 (P1-44) ISSN 0894-7317*
  13. C. Mornos, **L. Petrescu**, D. Cozma, S. Pescariu, A. Mornos, D. Dragulescu, A. Ionac. *The role of cardiac biomarkers, conventional echocardiography and tissue Doppler imaging in early detection of future doxorubicin-induced cardiotoxicity. European Heart Journal 2012;33 (Abstract Supplement): 328. ISSN 0195-668X.*
  14. C. Mornos, A. Ionac, D. Cozma, A. Mornos, S. Pescariu, **L. Petrescu**. *The value of left ventricular global longitudinal strain assessed by three-dimensional strain imaging in the early detection of anthracycline-mediated cardiotoxicity. European Heart Journal 2012; 33 (Abstract Supplement): 349. ISSN 0195-668X*
  15. C Mornos, D Cozma, A Mornos, **L Petrescu**, M Valcovici, A Ionac. *Speckle tracking echocardiography in the early detection of anthracycline-induced cardiotoxicity. European Journal of Heart Failure Supplements 2012; 11(S1): S191. ISSN 1388-9842*

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17. C Mornos, **L Petrescu**, A Ionac, D Cozma, A Mornos. *Prognostic value of left ventricular global longitudinal strain in patients with left ventricular dysfunction.* European Journal of Preventive Cardiology 2012; 19 (Supplement 1): S70. ISSN 1741-8267.
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19. C Mornos, D Cozma, **L Petrescu**, A Mornos, D Gaita. *The prognostic value of a new tissue Doppler parameter in patients with heart failure.* European Journal of Preventive Cardiology 2012; 19 (Supplement 1): S123. ISSN 1741-8267
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21. C. Mornos, A. Ionac, D. Cozma, **L. Petrescu**, D. Dragulescu, A. Mornos, S. Pescariu. *A novel Tissue Doppler parameter predict cardiac death in patients with heart failure.* European Heart Journal 2011; 32 (Abstract Supplement): 454. ISSN 0195-668X.
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23. C Mornos, A Ionac, **L Petrescu**, D Cozma, D Dragulescu, A Mornos, S Pescariu. *Prognostic value of left ventricular global longitudinal strain in patients with heart failure.* Eur J Echocardiography Abstracts Supplement 2011; 12 (S2): ii117. ISSN 2047-2404.
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25. C Mornos, D Cozma, A Ionac, **L Petrescu**, S Pescariu. *Prognostic value of a novel index combining diastolic and systolic tissue Doppler parameters in patients with left ventricular dysfunction.* European Journal of Cardiovascular Prevention & Rehabilitation 2011; 18 (1 suppl): S 106. ISSN 1741-8267
26. C Mornos, D Cozma, A Mornos, **L Petrescu**, D Gaita, S Pescariu. *Could E/(EaxSa) Predict Atrial Fibrillation in Patients With Coronary Artery Disease? A Prospective Study.* European Journal of Cardiovascular Prevention & Rehabilitation 2011;18 (suppl1): S 111. ISSN 1741-8267
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  30. C Mornos, **L Petrescu**, A Ionac, R Dan, A Mornos, S Pescariu. *The impact of cardiac dyssynchrony on speckle tracking parameters in heart failure complicating ischemic cardiomyopathy*. European Journal of Heart Failure Supplements 2011; 10 (suppl 1): S 202 (P1057) ISSN 1388-9842
  31. DC Cozma, **L Petrescu**, C Mornos, D Lighezan, C Tutuianu, SI Dragulescu. *The role of premature ventricular contraction burden and ventricular coupling interval to the initial mechanism of heart failure progression*. European Journal of Heart Failure Supplements ( 2011 ) 10 ( S1 ), S120. ISSN 1388-9842
  32. D.C. Cozma, **L. Petrescu**, C. Mornos, D. Gaita, M. Rosu, SI Dragulescu: *Mechanism of heart failure progression in patients with frequent premature ventricular contractions*. EUROECHO 2010, Copenhagen 8-10 december 2010, European Journal of Heart Failure Supplements (2010) 9, S191; ISSN 1567-4215.
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  34. Cozma Dragos, Mornos Cristian, **Petrescu Lucian**, Dragulescu Stefan-Iosif: *Left atrium volume and shape remodeling assessment : Should we revise current guidelines?* Cardiostim 2010, 17th World Congress in Cardiac Electrophysiology and Cardiac techniques, june 16-19 , 2010, Nice, EP supplements, volume 12 Supplement 1 ISSN 1099-5129.
  35. Cozma Dragos, **Petrescu Lucian**, Luca Constantin, Rosu Mihai, Dragulescu Stefan Iosif: *Subclinal left atrium size and shape remodeling in patients with frequent premature ventricular contractions*. Cardiostim 2010, 17th World Congress in Cardiac Electrophysiology and Cardiac techniques, june 16-19 , 2010, Nice, EP supplements, volume 12 Supplement 1 ISSN 1099-5129.
  36. Mornos, D. Cozma, A .Ionac, **L. Petrescu**, SI Dragulescu: *Prognostic value of  $E/(Eaxsa)$  ratio in patients with left ventricular dysfunction*. EUROECHO 2009, 9-12 December, Madrid, european Journal of Echocardiography Supplements, volume 10, supplement 2 december 2009, ISSN 1525-2167.
  37. D. C. Cozma, C. Mornos, A. Ionac, **L. Petrescu**, D. Dragulescu, I. Popescu, M. Morar, SI Dragulescu: *Left atrial volume and trapezoid shape to differentiate between normal and pseudonormal mitral inflow*. EUROECHO 2009, 9-12 December, Madrid, european Journal of Echocardiography Supplements, volume 10, supplement 2 december 2009, ISSN 1525-2167.
  38. C. Mormos, D. Cozma, A. Ionac, **L . Petrescu**, S.I. Dragulescu: *Lateral, medial, average or maximal tissue Doppler velocities for the estimation of NTproBNP levels in patients with left ventricular dysfunction*. EUROECHO 2009, 9-

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41. D. Cozma, **L. Petrescu**, C. Mornos, C. Blaj, SI Dragulescu: *Structural Heart Disease may induce more diastolic asynchrony than diastolic heart failure*. 11th international workshop on Cardiac arrhythmias, 4-7 october 2009, Venice, Journal of Cardiovascular Electrophysiology Volume 20, supplement 1, ISSN: 1045-3873.
42. C. Mornos, D. Cozma, A. Ionac, **L. Petrescu**, D. Dragulescu, S. Pescariu, D. Maximov, D. Popa, S.I. Dragulescu: *A new global tissue Doppler index: correlation with left ventricular end-diastolic pressure in patients with severe mitral regurgitation*. ESC Congress, Barcelona, 29 august-2 september 2009.
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47. C. Mornos, D. Cozma, A. Ionac, **L. Petrescu**, C. Neagoe, D. Maximov, D. Popa, SI Dragulescu: *The role of speckle tracking imaging in the evaluation of NTproBNP level in patients with dilated cardiomyopathy*. Heart Failure 2009, 30 may-2 june, NICE.
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50. D. C. Cozma, **L. Petrescu**, C. Mornos, D. Lighezan, M. Morar, R. Dan, S. I. Dragulescu: *Diastolic asynchrony is more important in patients with dilated*

- cardiomyopathy and coronary heart disease than in patients without structural heart disease but with diastolic heart failure. Heart Failure 2009, 30 may-2 june, NICE*
51. Dragos Cozma, **Lucian Petrescu**, Cristian Mornos, Oliver Pleascar, stefan iosif Dragulescu: *Value of the forgotten area-pulmonary vein antrum in the assessment of the left atrium shape and size remodeling:should we revise current guidelines?* 5th Annual Congress of the European Cardiac Arrhythmia Society, 19-21 april, Paris, Journal of Interventional Cardiac Electrophysiology, Volume 24, number 3, 249-254.
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  53. D.Cozma, **L. Petrescu**, R. Dan, F. Golda, S.O. Pleascar, Șt.I. Drăgulescu: *Global Myocardial Index Relation with Systolic and Diastolic Ventricular Asynchrony in Patients with Dilated Cardiomyopathy*, Heart Failure Congress, 2008, Milan, 14-17 june, 2008; ( ISSN 1567- 4215).
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  55. D. Cozma, **L. Petrescu**, C. Luca, O. Pleascar, Șt.I. Drăgulescu: *Left Atrial Trapezoid Shape May Explain Volume Underestimation Using Ellipse Formula in Patients with Atrial Fibrillation*, 4<sup>th</sup> Annual Congress of the European Cardiac Arrhythmia Society, april 13-15, 2008, Marseille;
  56. D.C. Cozma, C. Mornoș, A. Ionac, **L. Petrescu**, F. Golda, C. Blaj, Șt.I. Drăgulescu: *Analysis of Left Atrial Shape and Area for Differentiation between Normal and Pseudonormal Mitral Inflow*, EUROECHO – 11<sup>th</sup> Annual Meeting of the European Association of Echocardiography, Lisbon, 5-8 december, 2007; ( ISSN 1525- 2167).
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  59. D.C. Cozma, C.T. Luca, **L. Petrescu**, D. Gaiță, Șt.I. Drăgulescu: *Age-Related Changes in the Left Atrium Shape and Electrophysiologic Properties in Patients without Structural Heart Disease and no History of Atrial Fibrillation*, European Heart Rhythm Association, 24-27 june, Lisbon, 2007; ( ISSN 1099-5129).
  60. D.C. Cozma, **L. Petrescu**, R. Dan, Șt.I. Drăgulescu: *Left Atrial Truncated Cone Volume to Detect Left Ventricular Diastolic Heart Failure*, Heart Failure Congress, Hamburg, 9-12 june, 2007; ( ISSN 1567-4215).
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  63. D.C. Cozma, **L. Petrescu**, R. Dan, D. Lighezan, Șt.I. Drăgulescu: *Left Atrial Shape and Surface Significance for Diastolic Heart Failure*, Heart Failure Congress, 17-20 june, Helsinki, 2006; (ISSN 1567-4215).
  64. D. Cozma, S. Pescariu, **L. Petrescu**, C.T. Luca, C. Mornos, D. Lighezan, Șt.I. Dragulescu: *Global Myocardial Index Relation with Automatic Border Detection Pattern of Left Ventricle for Biventricular Pacing* (EUROPACE - 15<sup>th</sup> World Congress in Cardiac Electrophysiology and Cardiac Techniques, vol. 8, suppl. 1, 14-17 june, 2006, Nice); (ISSN 1099-5129).
  65. D. Cozma, S. Pescariu, **L. Petrescu**, A. Kigyosi, D. Gaiță, C. Mornoș, D. Lighezan, Șt.I. Drăgulescu: *Left Atrial Remodeling: Shape and Area Cutoff Value to Detect Vulnerability to Atrial Fibrillation* (EUROPACE - 15<sup>th</sup> World Congress in Cardiac Electrophysiology and Cardiac Techniques, vol. 8, suppl. 1, 14-17 june, 2006, Nice); (ISSN 1099-5129).
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## 5.2. Rezumate nationale:

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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 Carbotent* (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 in dezobstrucția coronariană din IMA – un studiu pe 116 pacienți internați in Unitatea Coronariană* - al 40-lea Congres Național de Cardiologie, Sinaia, 26-29 septembrie, 2001);
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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 in 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 nein vaziva 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 27<sup>th</sup> 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 27<sup>th</sup> 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 sistolica 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 (CANTOS)** – 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 in echipă

### 1. STRATEGIA BAZATĂ PE TESTELE INFLAMATORII IN 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 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

### Membru in academii de știință și artă

- membru al Uniunii Scriitorilor din România;

#### 1. Membru in 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:**

### **3. Visiting Professor – Universidad National del Nord-Este – Corrientes – Argentina 1995**

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

- peste 100 lucrări de licență (diplomă) conduse in 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 – 3 teze absolvite.
- peste 40 de referate comisii de doctorat

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

**Timișoara, Iunie 2020**

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

