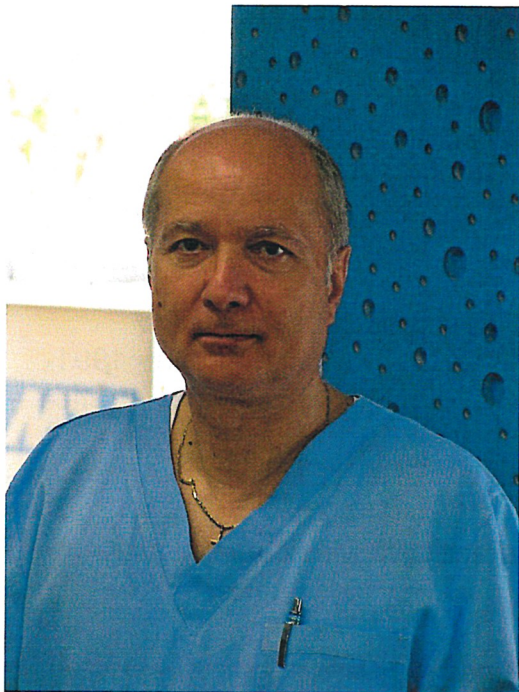


## CURRICULUM VITAE ET STUDIORUM



Nume: **PETRESCU**

Prenume: **LUCIAN**

Data nașterii: 9 aprilie 1959

### Calificare actuala:

- 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 interne și cardiologie
- Conducător de doctorat activ în Școala Doctorală Medicină-Farmacie a U.M.F. “Victor Babeș” din Timișoara, conform Contractului individual de muncă nr.68/21.05.2021 și a Actului adițional nr. 404/17.08.2022, semnate de Rectorul UMFVBT

### **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 – Beletristică – 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
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 în 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 anticoagulate 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. Tratatamentul 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 disfuncție- 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 is a source of cardiac oxidative stress in obese rats: the beneficial role of metformin* - Adrian P. Merce, Loredana N. Ionică, Anca M. Bîină, Simona Popescu, Rodica Lighezan, Lucian Petrescu, Claudia Borza, Adrian Sturza, Danina M. Muntean, Octavian M. Crețu - *Molecular and Cellular Biochemistry* 2022. <https://doi.org/10.1007/s11010-022-04490-5>, 20 June 2022 **Revistă ISI FI = 3,84**
2. *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 Suciu, 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**
3. *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, **Revistă ISI FI = 5,54**
4. *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**
  5. *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 Bordejovic, Tudor Pârvănescu, **Lucian Petrescu**, Cristian Mornoș, Ioan Olariu, Simina Crișan, Cristina Văcărescu, Mihai Lazăr, Vlad Ioan Morariu, Ioana Mihaela Cîtu, Mirela Cleopatra Tomescu, Dragoș Cozma, *Therapeutics and Clinical Risk Management* 2021:17 249–258, **Revista ISI FI – 1,88**
  6. *The Predictive Value of Endothelial Inflammatory Markers in the Onset of Schizophrenia*, Gabriela Radu\*, Constantin Luca\* **Lucian Petrescu\***, Diana Aurora Bordejovic\*, 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**
  7. *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 Bordejovic, 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**
  8. *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**
  9. *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**
  10. Dragoș Cozma, Cristina Vacarescu, **Lucian Petrescu**, Cristian Mornos, Emilia Goanta, Horea Feier, Constantin Tudor Luca, Gabriel Gusetu and Radu Vatașescu *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**
  11. 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**

12. 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**
13. Mornos C, Muntean 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**
14. 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**
15. 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)**
16. 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.**
17. 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.**
18. 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.**
19. 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.**
20. 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.**
21. 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 Pol 2014;72(2):166-74, 0022-9032 (print) 1897-4279 (online). **Revista ISI FI - 0,519.**

22. 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.**
23. 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.**
24. 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**
25. 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.**
26. 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.**
27. 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.**
28. 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.**
29. 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.**
30. 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.**
31. 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.**
32. 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.**
33. 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)**



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

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2. Cristina Vacarescu, **Lucian Petrescu**, Emilia-Violeta Goanta, Simina Crisan, Cristian Mornos, Mihai-Andrei Lazar, Dragos Cozma. *Utilizarea periprocedurală a anticoagulantelor orale directe în procedurile de ablație și 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 în 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,
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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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10. Jahraus HJ, Mornos C (corresp), 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
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57. 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;
58. 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).
59. D. Cozma, C. Luca, **L. Petrescu**, C. Mornoș, Șt.I. Drăgulescu: *Left Atrial Frustum Volume in Patients with Paroxysmal Atrial Fibrillation*, Venice Arrhythmias, 10<sup>th</sup> International Workshop on Cardiac Arrhythmias, Venice, 7-10 october, 2007; ( ISSN: 1045- 3873).
60. D.C. Cozma, **L. Petrescu**, C.T. Luca, S. Pescariu, R. Dan, C. Blaj, Șt.I. Drăgulescu: *Left Atrial Shape May Influence Volume Underestimation Using Ellipse Formula in Patients with Atrial Fibrillation*, European Heart Rhythm Association, 24-27 june, Lisbon, 2007; ( ISSN 1099-5129).
61. 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).
62. 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).
63. D. Cozma, C. Mornoș, **L. Petrescu**, A. Ionac, L. Stoica, Șt.I. Drăgulescu: *Left Atrial Surface Cut Point to Detect Trapezoidal Shape for Characterisation of Atrial Anatomical Remodelling*, 10<sup>th</sup> Annual Meeting of the European Association of Echocardiography, 6-9 december, Prague, 2006; ( ISSN 1525- 2167).
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- Annual Meeting of the European Association of Echocardiography, 6-9 december, Prague, 2006; (ISSN 1525- 2167).
65. 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).
  66. 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).
  67. 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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  69. D. Cozma, S. Pescariu, **L. Petrescu**, C.T. Luca, D. Gaita, Șt.I. Dragulescu: *Atrial Electroanatomic Remodeling: The Relation between Atrial Interatrial Dynamic Decremental Conduction* (2<sup>nd</sup> Annual Congress of the European Cardiac Arrhythmia Society, april 2-4, Marseille, 2006);
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  72. D.C. Cozma, **L. Petrescu**, A. Ionac, C. Mornos, M. Dumitrasciuc, D. Lighezan, F. Golda, Șt.I. Dragulescu: *Global Myocardial Index and Automatic Border Detection Pattern of Left Ventricle in Patients with Dilated Cardiomyopathy* (EUROECHO – 9<sup>th</sup> Annual Meeting of the European Association of Echocardiography, 7-10 december, Florence, 2005); (ISSN 1525-2167).
  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 - 9<sup>th</sup> 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 - 9<sup>th</sup> 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**, Șt.I. Dragulescu: *Automatic Border Detection Pattern of Left Ventricle for Biventricular Pacing* (Venice Arrhythmias 2005 - 9<sup>th</sup> 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* (IX<sup>th</sup> 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).
79. D. Cozma, S. Pescariu, D. Lighezan, **L. Petrescu**, St.I. Dragulescu: *Atrial Fragmentation and Decremental Conduction in Patients with Echocardiographic Evidences of Increased Left Ventricular pressure and Atrial Dilatation, but Structurally Normal Heart*, ESC Congress 2004, European Heart Journal, vol. 25 – , 28 august – 1 september 2004, Munich; (ISSN 0195-668X).
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<sup>es</sup> Journees Europeennes de la Societe Francaise 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 Cardiologia, 23-26 octubre, 1994, Buenos Aires

## 5.2. Rezumate naționale:

1. C. Udroi, D. Deleanu, L. Zarma, B. Mut, **L. Petrescu**, D. Olinic, S. Balanescu, D. Vinereanu: *Procedurile de dilatare coronariana percutana in Romania* (al XXXXVI-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 XXXXVI-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* (2<sup>nd</sup> 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* (2<sup>nd</sup> 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 in deobstrucția coronariană din IMA – un studiu pe 116 pacienți internați in 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 in 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);
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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 atriului 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 efectuării 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 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 în reducerea proteinuriei la pacienții cu hipertensiune arterială și DZ tip 2, cînd 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 în 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 în 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 pacienți 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 CEEEX 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 National 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**

