

PERSONAL INFORMATION

CINZIA PERRINO



Work: Federico II University, Via Pansini 5, 80131, Naples, Italy



+39 081 7462234



perrino@unina.it

Female | 08/08/1974 | Italian nationality

CURRENT JOB POSITIONS

(a) Academic position

Associate Professor of Cardiology, Department of Advanced Biomedical Sciences, Federico II University, Naples, Italy

(b) Clinical position

Physician Cardiologist, Chief of Program on “Integrated Clinical Management of Patients with Complex Cardiovascular Diseases”, Department of Cardiovascular Emergencies, Clinical Medicine and Gerontology, Cardiology Unit, Federico II University Hospital, Naples, Italy

PREVIOUS POSITIONS

1998 – 2002	Resident in Cardiology, Federico II University, Department of Clinical Medicine, Cardiovascular and Immunological Sciences, Naples, Italy;
2002 – 2005	PhD student, Division of Cardiology, Duke University Medical Center, Durham, NC, USA;
2002 – 2007	PhD student, Federico II University, Department of Clinical Medicine, Cardiovascular and Immunological Sciences, Naples, Italy;
2007 – 2009	Post-doctoral Fellow, Neurological Mediterranean Institute, Department of Angio-Cardio-Neurology, Pozzilli, Isernia, Italy;
2008 – 2009	Post-doctoral Fellow, Department of Clinical Medicine, Cardiovascular and Immunological Sciences, Naples, Italy;
2009 – 2010	Post-doctoral Fellow, Heart Care Foundation, Florence, Italy;
2009 – 2011	Post-doctoral Fellow, Department of Experimental Medicine, La Sapienza University, Rome, Italy.

2011 – present Assistant Professor of Cardiology, Federico II University, Department of Advanced Biomedical Sciences, Naples, Italy;

2011 – present Cardiologist, Federico II University Hospital, Department of Federico II University, Naples, Italy;

LANGUAGE

Mother tongue(s) Italian

Other language(s)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

Common European Framework of Reference for Languages

ADDITIONAL INFORMATION

SSN PRRCNZ74M48F839D

• FELLOWSHIPS

1998 - 2002 Fellowship in Cardiology, Federico II University, Naples, Italy

2002 - 2005 Division of Cardiology, Duke University Medical Center, Durham, NC, USA;

2003 - 2007 PhD “Clinical Pathophysiology and Experimental Medicine”, Federico II University, Naples, Italy;

2007 - 2009 Post-doctoral Fellowship, Neurological Mediterrean Institute, Department of Angio-Cardio-Neurology, Pozzilli, Isernia, Italy.

2008 - 2009 Post-doctoral Fellowship, Federico II University, Department of Clinical Medicine,

Cardiovascular and Immunological Sciences, Naples, Italy;

2009 - 2010 Post-doctoral Fellowship, Heart Care Foundation, Florence, Italy;

2009 - 2011 Post-doctoral Fellowship, La Sapienza University, Department of Experimental Medicine, Rome, Italy.

• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2002 - 2005 1 medical student; Duke University Medical Center, Durham, NC, USA.

2007 - 10 medical students, 6 post-doctoral fellows, 12 PhD students; Federico II University, Naples, Italy.

• TEACHING ACTIVITIES

2008 - 2009 Training Course, "Echocardiography in coronary artery disease" Federico II University, Naples, Italy;

2009 - 2011 School of Medicine, Cardiovascular Seminars on "Biomolecular aspects in cardiovascular diseases", Federico II University, Naples, Italy;

2011 - School of Medicine, School of Physical Therapy, Fellowship Program in Cardiology, Federico II University, Naples, Italy.

• CLINICAL ACTIVITIES AND PATIENTS CARE

2011 - Cardiologist, Physician Staff Member of Coronary Care Unit and Cardiology Ward at Federico II University Hospital Department of Cardiovascular Emergencies, Clinical Medicine and Gerontology, Federico II University, Naples, Italy;

2019 - Chief, Program on "Integrated Clinical Management of Patients with Complex Cardiovascular Diseases", Department of Cardiovascular Emergencies, Clinical Medicine and Gerontology, Cardiology Unit Federico II University Hospital, Naples, Italy

• INSTITUTIONAL RESPONSIBILITIES

2011 - Faculty member, School of Medicine, Federico II University, Naples, Italy;

2012 - 2014 Member of the Faculty Committee for the Admission Test, School of Medicine, Federico II University, Naples, Italy;

2013 - Member of the Committee for Teaching, School of Physical Therapy, Federico II University, Naples, Italy.

• COMMISSIONS OF TRUST

- 2008 - Reviewer, Journal of Cardiovascular Medicine;
- 2009 - Reviewer, Circulation Journals;
- 2011 - Reviewer, European Journal of Pharmacology, Cellular and Molecular Life Sciences, Cardiovascular Research;
- 2013 - Reviewer, Minerva Medica;
- 2008 - 2015 Scientific Evaluation, Catalan Agency for Health Technology Assessment and Research.
- 2016 - 2018 Member, Congress Programme Committee of the European Society of Cardiology (ESC).

• MEMBERSHIPS AND ROLES IN SCIENTIFIC SOCIETIES

- 1998 - Member, Working Group on Molecular and Cellular Biology of the Heart, Italian Society of Cardiology
- 1998 - Member, European Society of Cardiology, Working group on Cellular biology of the heart
- 2001 - Member, American Heart Association, Council on Basic Cardiovascular Sciences
- 2008 - Member, International Society for Heart Research
- 2014 - Member, Nucleus of Working Group on Cellular Biology of the Heart, European Society of Cardiology
- 2018 - 2020 Chair, Working Group on Molecular and Cellular Biology of the Heart, Italian Society of Cardiology

• PRIZES, AWARDS AND HONOURS

- 2000 Best Poster Presenter award, Italian Society of Cardiology
- 2005 Research Award, Sanofi-Aventis Foundation
- 2006 Young Investigator Award (first prize), Italian Society of Cardiology
- 2008 Research Award, L'Oreal-Unesco "For Women in Science"
- 2008 Research Award, European Society of Cardiology on atherothrombosis
- 2012 Scholar in Cardiology, Italian Society of Cardiology
- 2013 Qualification as Associate Professor of Cardiology by the Commission nominated by the Italian Ministry of University, Research and Technologies
- 2014 Fellow of the European Society of Cardiology
- 2018 Qualification as Full Professor of Cardiology by the Commission nominated by the Italian Ministry of University, Research and Technologies

2019 Fellow of the Italian Society of Cardiology

• INVITED PRESENTATIONS TO INTERNATIONALLY ESTABLISHED CONFERENCES

2010 American Heart Association Scientific Sessions, Chicago, IL, USA. Cardiovascular Seminar: New Frontiers in Heart Failure: A Focus on G Protein- Coupled Receptors. “Arrhythmogenesis in Heart Failure and GPCRs Dysfunction”.

2011 American Heart Association Scientific Sessions, Orlando, FL, USA. Cardiovascular Seminar: Metabolic Signaling in Cardioprotection. “Mitochondrial cAMP signals: Role of A Kinase Anchor Proteins”.

2012 American Heart Association Scientific Sessions, Los Angeles, CA, USA. Cardiovascular Seminars: Genetic and Epigenetic Specifications of Cardiovascular Diseases. “Methylation Signature and Cardiac Hypertrophy”. Protein Kinases and Phosphatases in Cardiac Signaling. “PI3Ks in Physiological or Pathological cardiac Hypertrophy”.

2014 American Heart Association Scientific Sessions, Chicago, IL, USA. Sunday Morning Program. Aging and cardiovascular Disease: Mechanisms, Functional consequences and Potential Therapeutics for Cellular Senescence. “DNA Damage and Aging: Focus on mitochondria”. Cardiovascular Seminar: Beyond the genomic paradigm: epigenetic modifications in cardiovascular disease. “Epigenomic signature and Gene expression in heart failure induced Pressure overload”.

2014 European Society of Cardiology Annual Meeting, Barcelona, Spain. Symposium: Beyond the genomic paradigm: epigenetic modifications in cardiovascular pathobiology. “Epigenetics signature and gene expression in cardiac hypertrophy”.

2017 Bi-annual meeting of the Working Groups on “Myocardial Function” and “Cellular Biology of the Heart” of the European Society of Cardiology. Varenna, Italy, May 2017. Lecture: “Promises and pitfalls of omics approaches in cardiovascular diseases”

2017 European Society of Cardiology Annual Meeting, Barcelona, Spain, August 2017. Lecture: “Metabolomic profile in cardiac hypertrophy and heart failure”.

• PRIZES, AWARDS AND HONOURS

2000 Best Poster Presenter award, Italian Society of Cardiology;

2005 Research Award, Sanofi-Aventis Foundation;

2006 Young Investigator Award, Italian Society of Cardiology;

2007-2009 Research Fellowships NEUROMED;

2008 Research Award, L’Oreal-Unesco “For Women in Science”;

2008 Research Award, European Society of Cardiology “Atherothrombosis Grant”;

2009 Research Fellowship, Heart Care Foundation, Florence, Italy;

- 2012 Research Award “Scholar in Cardiology”, Italian Society of Cardiology;
- 2013 Qualification as Associate Professor of Cardiology by the Commission nominated by the Italian Ministry of University, Research and Technologies;
- 2014 Research Award “Fellow of the European Society of Cardiology”.

- **FUNDING AS PRINCIPAL INVESTIGATOR**

- 2009 Italian Ministry of Health – Young Researcher Grant;
- 2012 Italian Ministry of University and Research – FIRB Grant (Futuro in Ricerca Program) 2012;
- 2017 Federico II University - Program STAR.

- **FUNDING AS UNIT COORDINATOR**

- 2016 Italian Ministry of University and Research – FIRB Grant

- **MAJOR RESEARCH INTERESTS**

- 1) Molecular mechanisms underlying pressure overload-induced cardiac hypertrophy and the progression towards heart failure;
- 2) Mitochondrial dysfunction and oxidative stress in cardiovascular diseases;
- 3) Molecular mechanisms underlying myocardial responses to ischemia, ischemia and reperfusion and angiogenesis;
- 4) Omics technologies in cardiovascular diagnostic, prognostics and therapeutics.

- **BIBLIOMETRICS (January 2021)**

Total number of indexed publications (PubMed): 103

Total number of citations (Google Scholar): 3677

h index: 34 (Google Scholar)

Total impact factor (Journal Citation Reports 2013): 674,36

- **LIST OF PUBLICATIONS**

Book chapters

1. Perrino C, Barki-Harrington L, Rockman HA. The Adrenergic Receptors in the 21st Century. “Lessons from overexpressed mouse models”. Humana Press, pag. 293-320.

2. Rockman HA, Perrino C, Curcio A. Lo scompenso cardiaco: dai meccanismi molecolari al razionale delle nuove strategie di approccio clinico-terapeutico. "I recettori beta-adrenergici nello scompenso cardiaco". Critical Medical Publishing, pag. 253-264.
3. Perrino C, Esposito G, Gargiulo G, Pironti G, Schiattarella GG, Chiariello M. Anti-Angiogenesis-Drug Discovery and Development. "Role of Phosphoinositide 3-kinases and Angiogenesis in Cardiovascular Diseases", Bentham Science Publishers.
4. Perrino C, Rockman HA. Molecular Mechanisms of Cardiac Remodeling. "Modulating G Protein-Coupled Receptors to Effect Reverse Cardiac Remodeling", Springer.
5. Perrino C, Schiattarella GG, De Rosa R, Galasso G. Cardiologia per Studenti e Medici di Medicina Generale. "Gravidanza e Malattie Cardiovascolari". Idelson Gnocchi.

Manuscripts

1. Indolfi C, Stabile E, Perrino C, Chiariello M. Mechanisms of restenosis after angioplasty and approach to therapy. (Review) Int J Mol Med. 1998 Aug;2(2):143-148.
2. Indolfi C, Esposito G, Stabile E, Cavuto L, Pisani A, Coppola C, Torella D, Perrino C, Di Lorenzo E, Curcio A, Palombini L, Chiariello M. A new rat model of small vessel stenting. Basic Res Cardiol. 2000 Jun;95(3):179-85.
3. Indolfi C, Stabile E, Coppola C, Gallo A, Perrino C, Allevato G, Cavuto L, Torella D, Di Lorenzo E, Troncone G, Feliciello A, Avvedimento E, Chiariello M. Membrane-bound protein kinase A inhibits smooth muscle cell proliferation in vitro and in vivo by amplifying cAMP-protein kinase A signals. Circ Res. 2001 Feb 16;88(3):319-24.
4. Indolfi C, Torella D, Cavuto L, Davalli AM, Coppola C, Esposito G, Carriero MV, Rapacciuolo A, Di Lorenzo E, Stabile E, Perrino C, Chieffo A, Pardo F, Chiariello M. Effects of balloon injury on neointimal hyperplasia in streptozotocin-induced diabetes and in hyperinsulinemic nondiabetic pancreatic islet-transplanted rats. Circulation. 2001 Jun 19;103(24):2980-6.
5. Indolfi C, Di Lorenzo E, Perrino C, Stingone AM, Curcio A, Torella D, Cittadini A, Cardone L, Coppola C, Cavuto L, Arcucci O, Sacca L, Avvedimento EV, Chiariello M. Hydroxymethylglutaryl coenzyme A reductase inhibitor simvastatin prevents cardiac hypertrophy induced by pressure overload and inhibits p21ras activation. Circulation. 2002 Oct 15;106(16):2118-24.
6. Naga Prasad SV, Perrino C, Rockman HA. Role of phosphoinositide 3-kinase in cardiac function and heart failure. (Review) Trends Cardiovasc Med. 2003 Jul;13(5):206-12.
7. Barki-Harrington L, Perrino C, Rockman HA. Network integration of the adrenergic system in cardiac hypertrophy. (Review) Cardiovasc Res. 2004 Aug 15;63(3):391-402.
8. Corbucci GG*, Perrino C*, Donato G, Ricchi A, Lettieri B, Troncone G, Indolfi C, Chiariello M, Avvedimento EV. Transient and reversible deoxyribonucleic acid damage in human left ventricle under controlled

ischemia and reperfusion. *J Am Coll Cardiol.* 2004 Jun 2; 43(11):1992-9. *First two authors equally contributed to this work.

9. Perrino C, Naga Prasad SV, Patel M, Wolf MJ, Rockman HA. Targeted inhibition of β ARK1-associated phosphoinositide 3-kinase activity preserves β -adrenergic receptor signaling in heart failure induced by calsequestrin overexpression. *J Am Coll Cardiol* 2005;45:1862–70.

10. Perrino C, Naga Prasad SV, Schroder JN, Hata JA, Milano C, Rockman HA. Restoration of β -adrenergic receptor signaling in heart failure by disruption of the β ARK1- phosphoinositide 3-kinase complex. *Circulation.* 2005;111:2579-2587.

11. Perrino C, Esposito G, Rockman HA. Defects in cardiomyocyte failure. Role of β -adrenergic receptor dysfunction. (Review) *Panminerva Med.* 2005 Sep;47(3):143-55.

12. Perrino C, Rockman HA. GATA4 and the two sides of gene expression reprogramming. *Circ Res.* 2006 Mar 31;98(6):715-6.

13. Perrino C, Rockman HA, Chiariello M. Targeted inhibition of phosphoinositide 3-kinase activity as a novel strategy to normalize β -adrenergic receptor function in heart failure. *Vasc Pharmacol.* 2006 Aug;45(2):77-85.

14. Tachibana H*, Perrino C*, Takaoka H, Davis RJ, Naga Prasad SV, Rockman HA. JNK1 is required to preserve cardiac function in the early response to pressure overload. *Biochem Biophys Res Commun.* 2006 May 19;343(4):1060-6. *First two authors equally contributed to this work.

15. Perrino C, Naga Prasad SV, Mao L, Noma T, Yan Z, Kim HS, Smithies O, Rockman HA. Intermittent pressure overload triggers hypertrophy-independent cardiac dysfunction and vascular rarefaction. *J Clin Invest.* 2006 Jun;116(6):1547-60.

16. Curcio A, Noma T, Naga Prasad SV, Wolf MJ, Lemaire A, Perrino C, Mao L, Rockman HA. Competitive displacement of phosphoinositide 3-kinase from beta-adrenergic receptor kinase-1 improves postinfarction adverse myocardial remodeling. *Am J Physiol Heart Circ Physiol.* 2006 Oct;291(4):H1754-60.

17. Perrino C, Schroder JN, Lima B, Villamizar N, Nienaber JJ, Milano CA, Naga Prasad SV. Dynamic Regulation of Phosphoinositide 3-Kinase- γ Activity and β -Adrenergic Receptor Trafficking in End-Stage Human Heart Failure. *Circulation.* 2007 Nov 27;116(22):2571-9.

18. Perrino C, Rockman HA. Reversal of cardiac remodeling by modulation of adrenergic receptors - a new frontier in heart failure. (Review) *Curr Opin Cardiol.* 2007 Sep;22(5):443-9.

19. Esposito G*, Perrino C*, Ozaki T, Takaoka H, Defer N, Petretta MP, De Angelis MC, Mao L, Hanoune J, Rockman HA, Chiariello M. Increased Myocardial Contractility and Enhanced Exercise Function in Transgenic Mice Overexpressing Either Adenylyl Cyclase 5 or 8. *Basic Res Cardiol.* 2008 Jan;103(1):22-30. *First two authors equally contributed to this work.

20. Costanzo P, Prastaro M, Perrino C, Chiazio G, Monda G, Guerra G, Iorio A, Gargiulo P, Chiariello M, Perrone-Filardi P. Differences in Echocardiographic Assessment with Standard Doppler and Tissue Doppler Imaging of Left Ventricular Filling Pressure in Idiopathic and Ischemic Dilated Cardiomyopathy. *Echocardiography.* 2008 Aug;25(7):683-91.

21. Esposito G, Di Serafino L, Gargiulo G, Sannino A, Schiattarella GG, Franzone A, Perrino C, Chiariello M. Rotational atherectomy for the treatment of isolated femoral artery traumatic lesion: a case report. *Monaldi Arch Chest Dis* 2009; 72: 148-151.
22. Franzone A, Schiattarella GG, Capretti G, Sorrentino S, Pironti G, Sannino A, Perrino C, Esposito G, Chiariello M. Biological effects of statins in atherosclerosis. *Trends in Medicine* 2009; 9 (1):19-26.
23. Capretti G, Franzone A, Schiattarella GG, Gargiulo G, Sannino A, Sorrentino S, Perrino C, Esposito G, Chiariello M. The second cAMP messenger and cardiac function regulation: the role of adenylate cyclase. *Trends in Medicine* 2009; 9 (3): 129-136.
24. Esposito G, Franzone A, Cassese S, Schiattarella GG, Capretti G, Pironti G, Di Serafino L, Perrino C, Piscione F, Chiariello M. Endovascular repair for isolated iliac artery aneurysms: case report and review of the current literature. *J Cardiovasc Med.* 2009 Nov;10(11):861-5.
25. Esposito G*, Perrino C*, Schiattarella GG, Belardo L, di Pietro E, Franzone A, Capretti G, Gargiulo G, Pironti G, Cannavo A, Sannino A, Izzo R, Chiariello M. Induction of mitogen-activated protein kinases is proportional to the amount of pressure overload. *Hypertension.* 2010 Jan;55(1):137-43. *First two authors equally contributed to this work.
26. Borgia F, Di Serafino L, Sannino A, Gargiulo G, Schiattarella GG, De Laurentis M, Scudiero L, Perrino C, Piscione F, Esposito G, Chiariello M. AngioJet rheolytic thrombectomy for acute superficial femoral artery stent or femoropopliteal by-pass thrombosis. *Monaldi Arch Chest Dis.* 2010 Jun;74(2):76-81.
27. Perrino C, Feliciello A, Schiattarella GG, Esposito G, Guerriero R, Zaccaro L, Del Gatto A, Saviano M, Garbi C, Carangi R, Di Lorenzo E, Donato G, Indolfi C, Avvedimento VE, Chiariello M. AKAP121 downregulation impairs protective cAMP signals, promotes mitochondrial dysfunction, and increases oxidative stress. *Cardiovasc Res.* 2010 Oct 1;88(1):101-10.
28. Perrino C, Schiattarella GG. (Zebra) fishing for relevant genes in heart regeneration. *J Cardiovasc Med.* 2010 Sep;11(9):631-2.
29. Damilano F, Franco I, Perrino C, Schaefer K, Azzolino O, Carnevale D, Cifelli G, Carullo P, Ragona R, Ghigo A, Perino A, Lembo G, Hirsch E. Distinct Effects of Leukocyte and Cardiac Phosphoinositide 3-Kinase {gamma} Activity in Pressure Overload-Induced Cardiac Failure. *Circulation.* 2011 Feb 1;123(4):391-9.
30. Perrino C, Scudiero L, Petretta MP, Schiattarella GG, De Laurentis M, Ilardi F, Magliulo F, Carotenuto G, Esposito G. Total occlusion of the abdominal aorta in a patient with renal failure and refractory hypertension: a case report. *Monaldi Arch Chest Dis.* 2011 Mar;76(1):43-6.
31. Perrino C, Gargiulo G, Pironti G, Franzone A, Scudiero L, De Laurentis M, Magliulo F, Ilardi F, Carotenuto G, Schiattarella GG, Esposito G. Cardiovascular effects of treadmill exercise in physiological and pathological preclinical settings. *Am J Physiol Heart Circ Physiol.* 2011 Jun;300(6):H1983-9.
32. Esposito G*, Perrino C*, Cannavo A, Schiattarella GG, Borgia F, Sannino A, Pironti G, Gargiulo G, Di Serafino L, Franzone A, Scudiero L, Grieco P, Indolfi C, Chiariello M. EGFR Trans-activation by Urotensin II Receptor is Mediated by Beta-arrestin Recruitment and Confers Cardioprotection in Pressure Overload-induced

Cardiac Hypertrophy. *Basic Res Cardiol*. 2011 Jun;106(4):577-89. *First two authors equally contributed to this work.

33. Carnevale D, Cifelli G, Mascio G, Madonna M, Sbroggiò M, Perrino C, Persico MG, Frati G, Lembo G. Placental growth factor regulates cardiac inflammation through the tissue inhibitor of metalloproteinases-3/tumor necrosis factor- α -converting enzyme axis: crucial role for adaptive cardiac remodeling during cardiac pressure overload. *Circulation*. 2011 Sep 20;124(12):1337-50.

34. Ilardi F, Magliulo F, Gargiulo G, Schiattarella GG, Carotenuto G, Serino F, Ferrone M, Visco E, Scudiero F, Carbone A, Perrino C, Trimarco B, Esposito G. Endovascular treatment of carotid artery stenosis: evidences from randomized controlled trials and actual indications. *Monaldi Arch Chest Dis*. 2011 Dec;76(4):183-91.

35. Schiano V, Sirico G, Giugliano G, Laurenzano E, Brevetti L, Perrino C, Brevetti G, Esposito G. Femoral plaque echogenicity and cardiovascular risk in claudicants. *JACC Cardiovasc Imaging*. 2012 Apr;5(4):348-57.

36. Perrino C, Schiattarella GG, Magliulo F, Ilardi F, Carotenuto G, Gargiulo G, Serino F, Ferrone M, Scudiero F, Carbone A, Trimarco B, Esposito G. Cardiac Side Effects of Chemotherapy: State of Art and Strategies for a Correct Management. *Curr Vasc Pharmacol*. 2012 May 8.

37. Schiattarella GG, Perrino C, Magliulo F, Ilardi F, Serino F, Trimarco V, Izzo R, Amato B, Terranova C, Cardin F, Militello C, Leosco D, Trimarco B, Esposito G. Statins and the elderly: recent evidence and current indications. *Aging Clin Exp Res*. 2012 Jun;24(3 Suppl):47-55.

38. Giugliano G, Laurenzano E, Rengo C, De Rosa G, Brevetti L, Sannino A, Perrino C, Chiariotti L, Schiattarella GG, Serino F, Ferrone M, Scudiero F, Carbone A, Sorropago A, Amato B, Trimarco B, Esposito G. Abdominal aortic aneurysm in patients affected by intermittent claudication: Prevalence and clinical predictors. *BMC Surgery* 2012, volume 12, Issue SUPPL. 1, S17.

39. Giugliano G, Sannino A, Brevetti L, Perrino C, Schiattarella GG, Franzone A, Serino F, Ferrone M, Scudiero F, Carbone A, De Paulis M, Izzo R, Amato B, Trimarco B, Esposito G. Ankle/brachial index to everyone. *BMC Surgery* 2012, volume 12, Issue SUPPL. 1, S18.

40. Franzone A, Ferrone M, Carotenuto G, Carbone A, Scudiero L, Serino F, Scudiero F, Izzo R, Piccolo R, Saviano S, Amato B, Perrino C, Trimarco B, Esposito G. The role of atherectomy in the treatment of lower extremity peripheral artery disease. *BMC Surgery* 2012, volume 12, Issue SUPPL. 1, S13.

41. Gargiulo G, Giugliano G, Brevetti L, Sannino A, Schiattarella GG, Serino F, Carbone A, Scudiero F, Ferrone M, Corrado R, Izzo R, Chiariotti L, Perrino C, Amato B, Trimarco B, Esposito G. Use of statins in lower extremity artery disease: A review. *BMC Surgery*, volume 12, Issue SUPPL. 1, 2012, S15.

42. Giugliano G, Perrino C, Schiano V, Brevetti L, Sannino A, Schiattarella GG, Gargiulo G, Serino F, Ferrone M, Scudiero F, Carbone A, Bruno A, Amato B, Trimarco B, Esposito G. Endovascular treatment of lower extremity arteries is associated with an improved outcome in diabetic patients affected by intermittent claudication. *BMC Surgery*, volume 12, Issue SUPPL. 1, 2012, S19.

43. Giugliano G, Di Serafino L, Perrino C, Schiano V, Laurenzano E, Cassese S, De Laurentis M, Schiattarella GG, Brevetti L, Sannino A, Gargiulo G, Franzone A, Indolfi C, Piscione F, Trimarco B, Esposito G.

Effects of Successful Percutaneous Lower Extremity Revascularization on Cardiovascular Outcome in Patients with Peripheral Arterial Disease. *Int J Cardiol* 2013. Volume 167, Issue 6, 2013, 2566-2571.

44. Gargiulo G, Tortora F, Cirillo M, Perrino C, Schiattarella GG, Trimarco B, Esposito G. Unexpected preserved brain perfusion imaging despite severe and diffuse atherosclerosis of supra-aortic trunks. *Cardiovasc J Africa*, Vol 24, No 3, April 2013: 79-81.

45. Perrino C, Schiattarella GG, Sannino A, Pironti G, Petretta MP, Cannavo A, Gargiulo G, Ilardi F, Magliulo F, Franzone A, Carotenuto G, Serino F, Altobelli GG, Cimini V, Cuocolo A, Lombardi A, Goglia F, Indolfi C, Trimarco B, Esposito G. Genetic Deletion of Uncoupling Protein 3 Exaggerates Apoptotic Cell Death in the Ischemic Heart Leading to Heart Failure. *J Am Heart Association* 2014, Feb 28;3(1).

46. Chiariotti L, Angrisano T, Keller S, Florio E, Affinito O, Pallante P, Perrino C, Pero R, Lembo F. Epigenetic modifications induced by *Helicobacter pylori* infection through a direct microbe-gastric epithelial cells cross-talk. *Medical Microbiology and Immunology*. 2013, volume 202(5): 327-337.

47. Schiattarella GG, Magliulo F, Laurino FI, Bottino R, Bruno AG, De Paulis M, Sorropago A, Perrino C, Amato B, Leosco D, Trimarco B, Esposito G. Transradial approach for the endovascular treatment of type I endoleak after aortic aneurysm repair: a case report. *BMC Surg*. 2013;13 Suppl 2:S47.

48. Schiattarella GG, Trimarco B, Perrino C, Esposito G. tURn the lights on: mitochondrial transport-RNAs and cardiovascular disease. *J Am Heart Assoc*. 2014 Feb 28;3(1):e000757.

49. Schiattarella GG, Perrino C, Magliulo F, Carbone A, Bruno AG, De Paulis M, Sorropago A, Corrado RV, Bottino R, Menafra G, Abete R, Toscano E, Giugliano G, Trimarco B, Esposito G. Physical activity in the prevention of peripheral artery disease in the elderly. *Front Physiol*. 2014 Mar 3;5:12.

50. Sannino A, Brevetti L, Giugliano G, Scudiero F, Toscano E, Mainolfi C, Cuocolo A, Perrino C, Stabile E, Trimarco B, Esposito G. Non-invasive vulnerable plaque imaging: how do we know that treatment works? *Eur Heart J Cardiovasc Imaging*. 2014 Nov;15(11):1194-202.

51. Perrino C, Schiattarella GG, Bottino R, Magliulo F, Olivetti M, Esposito G, Trimarco B. Novel pharmacological strategies for aortic dilation in Marfan syndrome: from mouse models to human patients. *G Ital Cardiol (Rome)*. 2014 Jul-Aug;15(7-8):408-17.

52. Gargiulo G, Stabile E, Perrino C, Scudiero F, Scudiero L, Schiattarella GG, Franzone A, Sannino A, Trimarco B, Esposito G. Contemporary use and results of intra-aortic balloon pump counterpulsation. *Minerva Cardioangiol*. 2014 Nov 25.

53. Perrino C, Gargiulo G, Schiattarella GG, Di Serafino L, Pironti G, Magliulo F, Ilardi F, Serino F, Bottino R, Laurino FI, Ferrone M, Bevilacqua M, Cirillo P, Indolfi C, Trimarco B, Esposito G. Low-dose quinacrine reduces vascular restenosis without affecting re-endothelialization. *Experimental and Clinical Cardiology*. 2014, volume 20(1): 1970-1996.

54. Sannino A, Gargiulo G, Schiattarella GG, Brevetti L, Perrino C, Stabile E, Losi MA, Toscano E, Giugliano G, Scudiero F, Chiacchio E, Trimarco B, Esposito G. Increased mortality after transcatheter aortic valve

implantation (TAVI) in patients with severe aortic stenosis and low ejection fraction: a meta-analysis of 6898 patients. *Int J Cardiol.* 2014 Sep;176(1):32-9.

55. Sannino A, Losi MA, Schiattarella GG, Gargiulo G, Perrino C, Stabile E, Toscano E, Giugliano G, Brevetti L, Franzone A, Cirillo P, Imbriaco M, Trimarco B, Esposito G. Meta-analysis of mortality outcomes and mitral regurgitation evolution in 4,839 patients having transcatheter aortic valve implantation for severe aortic stenosis. *Am J Cardiol.* 2014 Sep 15;114(6):875-82.

56. Angrisano T, Schiattarella GG, Keller S, Pironti G, Florio E, Magliulo F, Bottino R, Pero R, Lembo F, Avvedimento EV, Esposito G, Trimarco B, Chiariotti L, Perrino C. Epigenetic switch at atp2a2 and myh7 gene promoters in pressure overload-induced heart failure. *PLoS One.* 2014 Sep 2;9(9):e106024.

57. Stabile E, Sannino A, Schiattarella GG, Gargiulo G, Toscano E, Brevetti L, Scudiero F, Giugliano G, Perrino C, Trimarco B, Esposito G. Cerebral embolic lesions detected with diffusion-weighted magnetic resonance imaging following carotid artery stenting: a meta-analysis of 8 studies comparing filter cerebral protection and proximal balloon occlusion. *JACC Cardiovasc Interv.* 2014 Oct;7(10):1177-83.

58. Schiattarella GG, Perrino C, Magliulo F, Carbone A, Bruno AG, De Paulis M, Sorropago A, Corrado RV, Bottino R, Menafrà G, Abete R, Toscano E, Giugliano G, Trimarco B, Esposito G. Physical activity in the prevention of peripheral artery disease in the elderly. *Frontiers in Physiology.* 2014, volume 5, article number 012.

59. Gargiulo G, Sannino A, Capodanno D, Perrino C, Capranzano P, Barbanti M, Stabile E, Trimarco B, Tamburino C, Esposito G. Impact of postoperative acute kidney injury on clinical outcomes after transcatheter aortic valve implantation: A meta-analysis of 5,971 patients. *Catheter Cardiovasc Interv.* 2015 Sep 1;86(3):518-27.

60. Gargiulo G, Capodanno D, Sannino A, Perrino C, Capranzano P, Stabile E, Trimarco B, Tamburino C, Esposito G. Moderate and severe preoperative chronic kidney disease worsen clinical outcomes after transcatheter aortic valve implantation: meta-analysis of 4992 patients. *Circ Cardiovasc Interv.* 2015 Feb;8(2):e002220.

61. Gargiulo G, Stabile E, Sannino A, Perrino C, Trimarco B, Esposito G. Embolic protection devices during carotid artery stenting: Is there a difference between proximal occlusion and distal filter? *Int J Cardiol.* 2015 May 6;187:592-3.

62. Gargiulo G, Capodanno D, Sannino A, Perrino C, Capranzano P, Stabile E, Trimarco B, Tamburino C, Esposito G. Impact of moderate preoperative chronic kidney disease on mortality after transcatheter aortic valve implantation. *Int J Cardiol.* 2015 Jun 15;189:77-8.

63. Gargiulo G, Sannino A, Stabile E, Perrino C, Trimarco B, Esposito G. New cerebral lesions at magnetic resonance imaging after carotid artery stenting versus endarterectomy: an updated meta-analysis. *PLoS One.* 2015 May 27;10(5):e0129209.

64. Esposito G*, Schiattarella GG*, Perrino C*, Cattaneo F, Pironti G, Franzone A, Gargiulo G, Magliulo F, Serino F, Carotenuto G, Sannino A, Ilardi F, Scudiero F, Brevetti L, Olivetti M, Giugliano G, Del Giudice C, Ciccarelli M, Renzone G, Scaloni A, Zambrano N, Trimarco B. Dermcidin: a skeletal muscle myokine modulating

cardiomyocyte survival and infarct size after coronary artery ligation. *Cardiovasc Res*. 2015 Sep 1;107(4):431-41.

*First three authors equally contributed to this work.

65. Sannino A, Losi MA, Giugliano G, Canciello G, Toscano E, Giamundo A, Scudiero F, Brevetti L, Scudiero L, Prastaro M, Perrino C, Perrone-Filardi P, Galderisi M, Trimarco B, Esposito G. Aortic and Mitral Calcification Is Marker of Significant Carotid and Limb Atherosclerosis in Patients with First Acute Coronary Syndrome. *Echocardiography*. 2015 Jun 29.

66. Schiattarella GG, Cerulo G, De Pasquale V, Cocchiario P, Paciello O, Avallone L, Belfiore MP, Iacobellis F, Di Napoli D, Magliulo F, Perrino C, Trimarco B, Esposito G, Di Natale P, Pavone LM. The Murine Model of Mucopolysaccharidosis IIIB Develops Cardiopathies over Time Leading to Heart Failure. *PLoS One*. 2015 Jul 6;10(7):e0131662.

67. Gargiulo G, Capodanno D, Sannino A, Perrino C, Capranzano P, Stabile E, Trimarco B, Tamburino C, Esposito G. Moderate and severe preoperative chronic kidney disease worsen clinical outcomes after transcatheter aortic valve implantation meta-analysis of 4992 patients. *Circulation: Cardiovascular Interventions*. 2015, volume 8, Issue 2, 1 February 2015, Article number e002220.

68. Paolillo S, Rengo G, Pellegrino T, Formisano R, Pagano G, Gargiulo P, Savarese G, Carotenuto R, Petraglia L, Rapacciuolo A, Perrino C, Piscitelli S, Attena E, Del Guercio L, Leosco D, Trimarco B, Cuocolo A, Perrone-Filardi P. Insulin resistance is associated with impaired cardiac sympathetic innervation in patients with heart failure. *Eur Heart J Cardiovasc Imaging*. 2015 Oct;16(10):1148-53.

69. Prastaro M, D'Amore C, Paolillo S, Losi M, Marciano C, Perrino C, Ruggiero D, Gargiulo P, Savarese G, Trimarco B, Perrone Filardi P. Prognostic role of transthoracic echocardiography in patients affected by heart failure and reduced ejection fraction. *Heart Fail Rev*. 2015 May;20(3):305-16.

70. Perrino C, Imbriaco M, Magliulo F, Ponsiglione A, Puglia M, Stabile E, Avvedimento M, Esposito G, Perrone Filardi P, Cuocolo A, Galderisi M, Trimarco B. *Int J Cardiol*. 2016 Jan 15;203:40-2.

71. Gargiulo G, Capodanno D, Sannino A, Barbanti M, Perrino C, Capranzano P, Stabile E, Indolfi C, Trimarco B, Tamburino C, Esposito G. New-onset atrial fibrillation and increased mortality after transcatheter aortic valve implantation: A causal or spurious association? *Int J Cardiol*. 2016 Jan 15;203:264-6.

72. Sannino A, Gargiulo G, Schiattarella GG, Perrino C, Stabile E, Losi MA, Galderisi M, Izzo R, de Simone G, Trimarco B, Esposito G. A meta-analysis of the impact of pre-existing and new-onset atrial fibrillation on clinical outcomes in patients undergoing transcatheter aortic valve implantation. *EuroIntervention*. 2015 Nov 30;11(7).

73. Schiattarella GG, Magliulo F, Cattaneo F, Gargiulo G, Sannino A, Franzone A, Olivetti M, Perrino C, Trimarco B, Esposito G. Novel Molecular Approaches in Heart Failure: Seven Trans-Membrane Receptors Signaling in the Heart and Circulating Blood Leukocytes. *Front Cardiovasc Med*. 2015 Mar 16;2:13.

74. Gargiulo G, Sannino A, Capodanno D, Barbanti M, Buccheri S, Perrino C, Capranzano P, Indolfi C, Trimarco B, Tamburino C, Esposito G. Transcatheter Aortic Valve Implantation Versus Surgical Aortic Valve Replacement: A Systematic Review and Meta-analysis. *Ann Intern Med*. 2016 Jun 7.

75. Schiattarella GG, Cattaneo F, Pironti G, Magliulo F, Carotenuto G, Pirozzi M, Polishchuk R, Borzacchiello D, Paolillo R, Oliveti M, Boccella N, Avvedimento M, Sepe M, Lombardi A, Busiello RA, Trimarco B, Esposito G, Feliciello A, Perrino C. Akap1 Deficiency Promotes Mitochondrial Aberrations and Exacerbates Cardiac Injury Following Permanent Coronary Ligation via Enhanced Mitophagy and Apoptosis. *PLoS One*. 2016 May 2;11(5):e0154076.
76. Schiattarella GG, Sannino A, Toscano E, Cattaneo F, Trimarco B, Esposito G, Perrino C. Cardiovascular effects of histone deacetylase inhibitors epigenetic therapies: Systematic review of 62 studies and new hypotheses for future research. *Int J Cardiol* 2016 Volume 219, 15 September 2016: 396–403.
77. Perrino C, Trimarco B. Akap-mediated signalling: the importance of being in the right place at the right time. *Cardiovasc Res*. 2017 Feb;113(2):115-117.
78. Madonna R, Van Laake LW, Davidson SM, Engel FB, Hausenloy DJ, Lecour S, Leor J, Perrino C, Schulz R, Ytrehus K, Landmesser U, Mummery CL, Janssens S, Willerson J, Eschenhagen T, Ferdinandy P, Sluijter JP. Position Paper of the European Society of Cardiology Working Group Cellular Biology of the Heart: cell-based therapies for myocardial repair and regeneration in ischemic heart disease and heart failure. *Eur Heart J*. 2016 Jun 14;37(23):1789-98.
79. Hausenloy DJ, Garcia-Dorado D, Erik Bøtker H, Davidson SM, Downey J, Engel FB, Jennings R, Lecour S, Leor J, Madonna R, Ovize M, Perrino C, Prunier F, Schulz R, Sluijter JP, Van Laake LW, Vinten-Johansen J, Yellon DM, Ytrehus K, Heusch G, Ferdinandy P. Novel targets and future strategies for acute cardioprotection: Position Paper of the European Society of Cardiology Working Group on Cellular Biology of the Heart. *Cardiovasc Res*. 2017 May 1;113(6):564-585.
80. Perrino C, Barabási AL, Condorelli G, Davidson SM, De Windt L, Dimmeler S, Engel FB, Hausenloy DJ, Hill JA, Van Laake LW, Lecour S, Leor J, Madonna R, Mayr M, Prunier F, Sluijter JPG, Schulz R, Thum T, Ytrehus K, Ferdinandy P. Epigenomic and transcriptomic approaches in the post-genomic era: path to novel targets for diagnosis and therapy of the ischaemic heart? Position Paper of the European Society of Cardiology Working Group on Cellular Biology of the Heart. *Cardiovasc Res*. 2017 Jun 1;113(7):725-736.
81. Thielmann M, Sharma V, Al-Attar N, Bulluck H, Bisleri G, Bunge JJH, Czerny M, Ferdinandy P, Frey UH, Heusch G, Holfeld J, Kleinbongard P, Kunst G, Lang I, Lentini S, Madonna R, Meybohm P, Muneretto C, Obadia JF, Perrino C, Prunier F, Sluijter JPG, Van Laake LW, Sousa-Uva M, Hausenloy DJ. ESC Joint Working Groups on Cardiovascular Surgery and the Cellular Biology of the Heart Position Paper: Perioperative myocardial injury and infarction in patients undergoing coronary artery bypass graft surgery. *Eur Heart J*. 2017 Aug 14;38(31):2392-2407.
82. Sluijter JPG, Davidson SM, Boulanger CM, Buzás EI, de Kleijn DPV, Engel FB, Gircz Z, Hausenloy DJ, Kishore R, Lecour S, Leor J, Madonna R, Perrino C, Prunier F, Sahoo S, Schiffelers RM, Schulz R, Van Laake LW, Ytehus K, Ferdinandy P. Extracellular vesicles in diagnostics and therapy of the ischaemic heart: Position Paper from the Working Group on Cellular Biology of the Heart of the European Society of Cardiology. *Cardiovasc Res*. 2018 Jan 1;114(1):19-34.

83. Schiattarella GG, Sannino A, Toscano E, Giugliano G, Gargiulo G, Franzone A, Trimarco B, Esposito G, Perrino C. Gut microbe-generated metabolite trimethylamine-N-oxide as cardiovascular risk biomarker: a systematic review and dose-response meta-analysis. *Eur Heart J*. 2017 Oct 14;38(39):2948-2956.
84. Caggiano R, Cattaneo F, Moliterno O, Esposito G, Perrino C, Trimarco B, Ammendola R, Faraonio R. miR-128 Is Implicated in Stress Responses by Targeting MAFK in Skeletal Muscle Cells. *Oxid Med Cell Longev*. 2017;2017:9308310.
85. Hausenloy DJ, Garcia-Dorado D, Erik Bøtker H, Davidson SM, Downey J, Engel FB, Jennings R, Lecour S, Leor J, Madonna R, Ovize M, Perrino C, Prunier F, Schulz R, Sluijter JPG, Van Laake LW, Vinten-Johansen J, Yellon DM, Ytrehus K, Heusch G, Ferdinandy P. Melatonin as a cardioprotective therapy following ST-segment elevation myocardial infarction: is it really promising? *ReplyCardiovasc Res*. 2017 Sep 1;113(11):1418-1419.
86. Schiattarella GG, Cattaneo F, Carrizzo A, Paolillo R, Boccella N, Ambrosio M, Damato A, Pironti G, Franzone A, Russo G, Magliulo F, Pirozzi M, Storto M, Madonna M, Gargiulo G, Trimarco V, Rinaldi L, De Lucia M, Garbi C, Feliciello A, Esposito G, Vecchione C, Perrino C. Akap1 Regulates Vascular Function and Endothelial Cells Behavior. *Hypertension*. 2018 Jan 15.
87. Ytrehus, K., Hulot, J.-S., Perrino, C., Schiattarella, G.G., Madonna, R. Perivascular fibrosis and the microvasculature of the heart. Still hidden secrets of pathophysiology? *Vascular Pharmacology*, 2018, 107, pp. 78–83.
88. Schiattarella GG, Carrizzo A, Iardi F, Damato A, Ambrosio M, Madonna M, Trimarco V, Marino M, De Angelis E, Settembrini S, Perrino C, Trimarco B, Esposito G, Vecchione C. Rac 1 modulates endothelial function and platelet aggregation in diabetes mellitus. *J Am Heart Assoc*. 2018 Apr 6;7(8):e007322.
89. Schiattarella GG, Boccella N, Paolillo R, Cattaneo F, Trimarco V, Franzone A, D'Apice S, Giugliano G, Rinaldi L, Borzacchiello D, Gentile A, Lombardi A, Feliciello A, Esposito G, Perrino C. Loss of Akap1 Exacerbates Pressure Overload-Induced Cardiac Hypertrophy and Heart Failure. *Front Physiol*. 2018 May 28;9:558.
90. Iardi F, Gargiulo G, Schiattarella GG, Giugliano G, Paolillo R, Menafrà G, De Angelis E, Scudiero L, Franzone A, Stabile E, Perrino C, Cirillo P, Morisco C, Izzo R, Trimarco V, Esposito G. Effects of Carvedilol Versus Metoprolol on Platelet Aggregation in Patients With Acute Coronary Syndrome: The PLATE-BLOCK Study *Am J Cardiol*. 2018 Jul 1;122(1):6-11.
91. Schiattarella GG, Madonna R, Van Linthout S, Thum T, Schulz R, Ferdinandy P, Perrino C. Epigenetic modulation of vascular diseases: Assessing the evidence and exploring the opportunities. *Vascul Pharmacol*. 2018 Mar 14:S1537-1891(17)30468-8
92. Boccella N, Paolillo R, Perrino C. Epac1 inhibition as a novel cardioprotective strategy: lights and shadows on GRK5 canonical and non-canonical functions. *Cardiovasc Res*. 2019 Oct 1;115(12):1684-1686.
93. Madonna R, Van Laake LW, Botker HE, Davidson SM, De Caterina R, Engel FB, Eschenhagen T, Fernandez-Aviles F, Hausenloy DJ, Hulot JS, Lecour S, Leor J, Menasché P, Pesce M, Perrino C, Prunier F, Van Linthout S, Ytrehus K, Zimmermann WH, Ferdinandy P, Sluijter JPG. ESC Working Group on Cellular Biology of

the Heart: position paper for Cardiovascular Research: tissue engineering strategies combined with cell therapies for cardiac repair in ischaemic heart disease and heart failure. *Cardiovasc Res.* 2019.

94. Schiattarella GG, Perrino C. Inflammation in aortic stenosis: Shaping the biomarkers network. *Int J Cardiol.* 2019 Jan 1;274:279-280.

95. Ruiz-Meana M, Boengler K, Garcia-Dorado D, Hausenloy DJ, Kaambre T, Kararigas G, Perrino C, Schulz R, Ytrehus K. Ageing, sex, and cardioprotection. *Br J Pharmacol.* 2019 Dec 20.

96. Ameri P, Schiattarella GG, Crotti L, Torchio M, Bertero E, Rodolico D, Forte M, Di Mauro V, Paolillo R, Chimenti C, Torella D, Catalucci D, Sciarretta S, Basso C, Indolfi C, Perrino C. Novel Basic Science Insights to Improve the Management of Heart Failure: Review of the Working Group on Cellular and Molecular Biology of the Heart of the Italian Society of Cardiology. *Int J Mol Sci.* 2020 Feb 11;21(4):1192.

97. Paolillo R, Boccella N, D'Apice S, Esposito G, Perrino C. Limiti e potenzialità dell'analisi combinata epigenetica e trascrizionale su ampia scala per individuare obiettivi terapeutici nelle malattie cardiovascolari [Lights and shadows of combined epigenomic and transcriptomic profiling to identify novel diagnostic, prognostic or therapeutic targets for cardiovascular diseases.]. *G Ital Med Lav Ergon.* 2019 Dec;41(4):328-332.

98. Schiattarella GG, Sannino A, Esposito G, Perrino C. Diagnostics and therapeutic implications of gut microbiota alterations in cardiometabolic diseases. *trends Cardiovasc Med.* 2019 Apr;29(3):141-147.

99. Forte M, Schirone L, Ameri P, Basso C, Catalucci D, Modica J, Chimenti C, Crotti L, Frati G, Rubattu S, Schiattarella GG, Torella D, Perrino C, Indolfi C, Sciarretta S; Italian Society of Cardiology Working group on Cellular and Molecular Biology of the Heart. The role of mitochondrial dynamics in cardiovascular diseases. *Br J Pharmacol.* 2020 Apr 15. doi: 10.1111/bph.15068.

100. Ruiz-Meana M, Bou-Teen D, Ferdinandy P, Gyongyosi M, Pesce M, Perrino C, Schulz R, Sluijter JPG, Tocchetti CG, Thum T, Madonna R. Cardiomyocyte ageing and cardioprotection: consensus document from the ESC working groups cell biology of the heart and myocardial function. *Cardiovasc Res.* 2020 Sep 1;116(11):1835-1849.

101. Perrino C, Esposito G. Diastolic dysfunction in severe aortic stenosis: Old but still gold. *Catheter Cardiovasc Interv.* 2020 Apr 1;95(5):1032-1033.

102. Perrino C, Ferdinandy P, Bøtker HE, Brundel BJJM, Collins P, Davidson SM, den Ruijter HM, Engel FB, Gerdts E, Girao H, Gyöngyösi M, Hausenloy DJ, Lecour S, Madonna R, Marber M, Murphy E, Pesce M, Regitz-Zagrosek V, Sluijter JPG, Steffens S, Gollmann-Tepeköylü C, Van Laake LW, Van Linthout S, Schulz R, Ytrehus K. Improving Translational Research in Sex-specific Effects of Comorbidities and Risk Factors in Ischemic Heart Disease and Cardioprotection: Position Paper and Recommendations of the ESC Working Group on Cellular Biology of the Heart. *Cardiovasc Res.* 2020 Jun 2;cvaa155.

103. Ilardi F, Gargiulo G, Paolillo R, Ferrone M, Cimino S, Giugliano G, Schiattarella GG, Verde N, Stabile E, Perrino C, Cirillo P, Coscioni E, Morisco C, Esposito G. Impact of chronic kidney disease on platelet aggregation in patients with acute coronary syndrome. *J Cardiovasc Med (Hagerstown).* 2020 Sep;21(9):660-666.

104. Boccella N, Paolillo R, Coretti L, D'Apice S, Lama A, Giugliano G, Schiattarella GG, Cuomo M, d'Aquino I,

Cavaliere G, Paciello O, Mollica MP, Mattace Raso G, Esposito G, Lembo F, **Perrino C**. Transverse aortic constriction induces gut barrier alterations, microbiota remodeling and systemic inflammation. *Sci Rep*. 2021 Apr 1;11(1):7404.

105. Forte M, Schirone L, Ameri P, Basso C, Catalucci D, Modica J, Chimenti C, Crotti L, Frati G, Rubattu S, Schiattarella GG, Torella D, **Perrino C**, Indolfi C, Sciarretta S; Italian Society of Cardiology Working group on Cellular and Molecular Biology of the Heart. The role of mitochondrial dynamics in cardiovascular diseases. *Br J Pharmacol*. 2021 May;178(10):2060-2076.

106. Bulluck H, Paradies V, Barbato E, Baumbach A, Bøtker HE, Capodanno D, De Caterina R, Cavallini C, Davidson SM, Feldman DN, Ferdinandy P, Gili S, Gyöngyösi M, Kunadian V, Ooi SY, Madonna R, Marber M, Mehran R, Ndrepepa G, **Perrino C**, Schüpke S, Silvain J, Sluijter JPG, Tarantini G, Toth GG, Van Laake LW, von Birgelen C, Zeitouni M, Jaffe AS, Thygesen K, Hausenloy DJ. Prognostically relevant periprocedural myocardial injury and infarction associated with percutaneous coronary interventions: a Consensus Document of the ESC Working Group on Cellular Biology of the Heart and European Association of Percutaneous Cardiovascular Interventions (EAPCI). *Eur Heart J*. 2021 Jul 15;42(27):2630-2642.

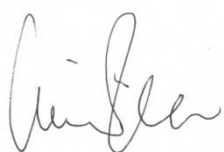
107. Pesce M, Agostoni P, Bøtker HE, Brundel B, Davidson SM, Caterina R, Ferdinandy P, Girao H, Gyöngyösi M, Hulot JS, Lecour S, **Perrino C**, Schulz R, Sluijter JP, Steffens S, Tancevski I, Gollmann-Tepeköylü C, Tschöpe C, Linthout SV, Madonna R. COVID-19-related cardiac complications from clinical evidences to basic mechanisms: opinion paper of the ESC Working Group on Cellular Biology of the Heart. *Cardiovasc Res*. 2021 Aug 29;117(10):2148-2160.

108. Lecour S, Du Pré BC, Bøtker HE, Brundel BJM, Daiber A, Davidson SM, Ferdinandy P, Girao H, Gollmann-Tepeköylü C, Gyöngyösi M, Hausenloy DJ, Madonna R, Marber M, **Perrino C**, Pesce M, Schulz R, Sluijter JPG, Steffens S, Van Linthout S, Young ME, Van Laake LW. Circadian rhythms in ischaemic heart disease. Key aspects for preclinical and translational research: Position paper of the ESC Working Group on Cellular Biology of the Heart. *Cardiovasc Res*. 2021 Sep 10;cvab293.

109. Basile C, Mancusi C, Gargiulo P, Perrone Filardi P, Perrino C, Canciello G, Losi MA, Esposito G. Aortic thrombosis: the forgotten source of ischemic stroke. A case report and systematic review of the literature. *Monaldi Arch Chest Dis*. 2021 Dec 3. doi: 10.4081/monaldi.2021.2090.

I hereby certify that information reported in this document is true.

Naples, December 20th, 2021



Cinzia Perrino MD PhD