

CURRICULUM VITAE

NAME: Anna Sannino, M.D. Ph.D FASE

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CURRENT POSITION: Scientific Director, Cardiac Imaging Core Laboratory, Division of Cardiology, Baylor Heart and Vascular Hospital, Dallas, Texas, USA

EDUCATION and BOARD CERTIFICATIONS:

- 2009: MD Medicine Degree "Magna cum Laude", Federico II University, Naples, Italy
- 2010: Unrestricted License to practice Medicine and Surgery in Italy and all other countries of the European Community, with n° 32854.
- 2015: Board in Cardiology (highest score), Federico II University, Naples, Italy
- 2018: US. National Board of Echocardiography, 2018 Examination of Special Competence in Adult Echocardiography.
- 2019: PhD Degree with highest honours in Clinical and Experimental Medicine, University of Naples Federico II, Italy.

RESEARCH ACTIVITY:

- 2006-2009: MD Student, Division of Cardiology, School of Medicine, University of Naples, Italy.\nSupervisor: Prof. Massimo Chiariello, Prof. Giovanni Esposito
Main Subjects: uncoupling proteins; molecular mechanism of cardiac hypertrophy and heart failure; pre-clinical models of cardiovascular diseases.
- 2009-2015: MD Student and RESIDENT in CARDIOLOGY, Division of Cardiology, School of Medicine, University of Naples, Italy.
Supervisor: Prof. Massimo Chiariello, Prof. Giovanni Esposito
Main Subjects: molecular mechanism of cardiac hypertrophy and heart failure; pre-clinical models of cardiovascular diseases; preclinical models of peripheral arterial disease; patho-physiology of aortic stenosis; transcatheter aortic valve replacement (TAVR); clinical database creation and analysis; meta-analysis.
- 2015-2018: PhD STUDENT and RESEARCH ASSOCIATE I Program in Experimental and Clinical Medicine, School of Medicine, University of Naples, Italy; Baylor Heart and Vascular Hospital, Dallas TX, USA.
Supervisor: Prof. Bruno Trimarco; Prof. Paul A. Grayburn.
Main Subjects: Aortic and mitral valve pathology; grading of paravalvular regurgitation; risk model for TAVR; secondary mitral regurgitation.
- 2019-2020: Senior RESEARCH ASSOCIATE
Baylor Heart and Vascular Hospital, Dallas TX, USA.

Main Subjects: Aortic and mitral valve pathology; grading of paravalvular regurgitation; risk model for TAVR; secondary mitral regurgitation.

2020- SCIENTIFIC DIRECTOR - Cardiac Imaging Core Lab
Baylor Heart and Vascular Hospital, Dallas TX, USA.
Main Subjects: Aortic and mitral valve pathology; grading of paravalvular regurgitation; risk model for TAVR; secondary mitral regurgitation.

CLINICAL TRAINING:

2010: Resident, Division of Cardiology, School of Medicine, Federico II University of Naples, Italy

2011-2015: Clinical and ultrasonographic training in Vascular Pathology with over 1500 examinations performed as a first operator, Division of Cardiology, School of Medicine, Federico II University of Naples, Italy

2012- 2015: Training in Echocardiography with over 700 examinations performed as a first operator, and 150 as second. Board experience in valvular pathology and evaluation, with a particular attention to aortic stenosis, mitral regurgitation and their percutaneous treatment.

CLINICAL EXPERTISE:

1. Member of the Heart Valve Clinic at the Baylor Heart and Vascular Hospital, Dallas: Weekly meeting with open discussion about potential candidates for transcatheter or surgical valvular procedures.
2. Transthoracic echocardiography. Over 2000 performed as first operator in the acute setting as well as ambulatory patients.
3. Transoesophageal echocardiography. Over 200 visualized and interpreted.

CARDIAC IMAGING CORE LAB EXPERIENCE:

1. Randomized Trial of the Neochord DS1000 System Versus Open Surgical Repair (ReChord).
2. Surgical Implantation of TRANscatheter vaLve in native mitral annular calcification (SITRAL) Study
3. TRI-REPAIR Tricuspid Regurgitation Repair with Cardioband Transcatheter System
4. Cardiovalve Transfemoral Mitral Valve System (AHEAD-US) – **Cardiac Imaging Core Lab Principal Investigator**
5. Cardiovalve Transfemoral Mitral Valve System (AHEAD-EU) – **Cardiac Imaging Core Lab Principal Investigator**

ACADEMIC POSITIONS:

2006-2010: Internship, Division of Cardiology, University Federico II of Naples, Italy.

2010-2015: Resident in Cardiology, University Federico II of Naples, Italy.

2015-today: PhD student in Clinical and Experimental Medicine of the University of Naples Federico II.

2015-2018: Research Associate, Division of Cardiology, Baylor Heart and Vascular Hospital, Dallas, Texas, USA

- 2019-2020 Sn Research Associate, Division of Cardiology, Baylor Heart and Vascular Hospital, Dallas, Texas, USA
- 2020- Scientific Director, Cardiac Imaging Core Lab, Division of Cardiology, Baylor Heart and Vascular Hospital, Dallas, Texas, USA

HONOURS AND AWARDS:

- 2016 Best Abstract Prize of the Transcatheter Cardiovascular Therapeutics Meeting, Washington DC, USA, 26-30 October 2016.
- 2017 Finalist for the 13th Annual Northwestern Cardiovascular Young Investigators' Forum, October 12-15, 2017, Chicago, IL.
- 2019 Fellow of the American Society of Echocardiography.

PARTECIPATION AT SCIENTIFIC CONFERENCES

As Invited Faculty

1. Sannino A, "Echocardiography: challenging diagnosis - brief clinical case" "Heart Failure 2030 – Cutting Edge Management of the Failing Heart" Pisa, Italy, 23-24 April 2018.
2. Sannino A., "Interventional Echocardiography in the percutaneous Treatment of Mitral Regurgitation". Great Wall ICC, Beijing 10-14 October 2018.
3. Sannino A., "ECHO: How to Distinguish Stenosis, PPM, or High Flow Prosthetic" - Dallas-Leipzig 2018. Dallas, TX, USA, 13-15 December 2018.
4. Sannino A., "Leaflet thrombosis in bioprosthetic aortic valves- Prevalence, clinical consequences." TVT 2019, June 12-15th 2019, Chicago, USA.

As Speaker and Abstract Presenter:

1. "L'assenza della proteina UCP3 determina l'aumento della mortalità dopo infarto miocardico acuto." 70° National Meeting of the Italian Society of Cardiology. December 2009, Rome, Italy.
2. "Ruolo protettivo della Uncoupling Protein 3 in un modello murino di infarto miocardico acuto." XXX National Meeting of the Italian Society of Invasive Cardiology - GISE. October 2009, Bologna, Italy.
3. "Successful percutaneous lower extremity revascularization reduces systemic inflammation and improves cardiovascular outcome in patients with peripheral arterial disease." European Society of Cardiology, August 2013, Munich, Germany.
4. "Increased mortality after transcatheter aortic valve implantation (TAVI) in patients with severe aortic stenosis and low ejection fraction: a meta-analysis of 6,898 patients." European Society of Cardiology, August 2014, Barcelona, Spain.
5. "Moderate to severe mitral regurgitation in patients undergoing transcatheter aortic valve replacement: a meta-analysis of mortality outcomes and mitral regurgitation evolution in 4,933 patients." European Society of Cardiology, August 2014, Barcelona, Spain.

6. "Pre-existing and new-onset atrial fibrillation: a meta-analysis of mortality outcomes and cerebrovascular events in 13,795 patients undergoing transcatheter aortic valve implantation." European Society of Cardiology, August 2015, London, United Kingdom.
7. "Clinical Relevance of Baseline and Post-procedural Thrombocytopenia in Patients Undergoing Transcatheter Aortic Valve Replacement: Prognostic Implications." Transcatheter Cardiovascular Therapeutics, October 2016, Washington DC, USA.
8. "Atrial Fibrillation in Patients Undergoing Transcatheter Aortic Valve Replacement." Transcatheter Cardiovascular Therapeutics, October 2016, Washington DC, USA.
9. "Survival and Cardiovascular Outcomes of Patients with Secondary Mitral Regurgitation." 13th Annual Northwestern Cardiovascular Young Investigators' Forum, October 2017, Chicago, IL, USA.
10. "Comparison of Efficacy and Safety of Transcatheter Aortic valve Implantation in patients with Bicuspid Versus Tricuspid Aortic Valves". 78 Congress of the Italian Society of Cardiology, December 2017, Rome, Italy.
11. "Survival and Cardiovascular Outcomes of Patients with Secondary Mitral Regurgitation." The Structural Heart Disease Summit, June 2018, Chicago, IL, USA.
12. "Impact of transcatheter aortic valve replacement on mitral valve gradients." Transcatheter Cardiovascular Therapeutics, September 2018, San Diego, CA, USA.
13. "Impact of calcific mitral stenosis on survival in patients with aortic stenosis treated with TAVR." Transcatheter Cardiovascular Therapeutics, September 2018, San Diego, CA, USA.
14. "Distribution of effective regurgitant orifice area and regurgitant volume compared to left ventricular end-diastolic volume in a cohort of patients with secondary mitral regurgitation." TVT 2019, June 2019, Chicago, USA.

EDITORIAL POSITIONS:

1. Associate Editor for Biomedicine & Pharmacotherapy.
2. Member of the Journal of the American Society of Echocardiography (JASE) Editorial Board.

PEER-REVIEWER for:

1. Circulation
2. Journal of the American College of Cardiology
3. Circulation: Cardiovascular Imaging
4. JACC: Cardiovascular Imaging
5. JACC: cardiovascular Interventions
6. Journal of the American Society of Echocardiography
7. Structural Heart: The Journal of the Heart Team.
8. The American Journal of Cardiology
9. JAHA
10. Eurointervention
11. Journal of Cardiovascular Medicine

12. Frontiers in Cardiovascular Medicine

MEMBERSHIP TO SCIENTIFIC SOCIETIES

Member of the American Society of Echocardiography (ASECHO);

Member of the European Association of Cardiovascular Imaging (EACVI);

Member of Società Italiana di Cardiologia (SIC);

Member of American Heart Association (AHA);

Member of Council on Basic Cardiovascular Science and Working Group on Cellular Biology of the Heart of the European Society of Cardiology (ESC);

Member of Council on Atherosclerosis and Vascular Biology of the European Society of Cardiology (ESC).

COLLABORATION TO INTERNATIONAL CLINICAL TRIALS:

- The STabilisation of Atherosclerotic plaque By Initiation of darapLadlb TheraphY (Stability);
- The Stabilisation Of pLaques usIng Darapladib-Thrombolysis In Myocardial Infarction 52 (SOLID-TIMI52);
- The Stabilisation Of pLaques usIng Darapladib-Thrombolysis In Myocardial Infarction 50 (SOLID-TIMI50);
- A Study of RO4607381 in Stable Coronary Heart Disease Patients With Recent Acute Coronary Syndrome (dal-OUTCOMES)- Hoffmann-La Roche;
- STem cElls Mobilization in Acute Myocardial Infarction Outcome Trial (STEM-AMI OUTCOME TRIAL);
- Phase 3 multi-center, double-blind, randomized, placebo-controlled, parallel group evaluation of the efficacy, safety, and tolerability of PF-04950615, in reducing the occurrence of major cardiovascular events in high risk subjects.
- Transcatheter Mitral Valve Replacement with the Medtronic Intrepid™ TMVR System in patients with severe symptomatic mitral regurgitation – APOLLO Trial
- The PARTNER 3 - Trial - The Safety and Effectiveness of the SAPIEN 3 Transcatheter Heart Valve in Low Risk Patients With Aortic Stenosis (P3)
- Safety and Efficacy Study of the Medtronic CoreValve® System in the Treatment of Severe, Symptomatic Aortic Stenosis in Intermediate Risk Subjects Who Need Aortic Valve Replacement (SURTAVI).
- Cardiovalve Transfemoral Mitral Valve System (AHEAD) – **Principal Investigator**

MAJOR NATIONAL AND INTERNATIONAL COLLABORATIONS

1. Prof. Maurizio Galderisi (Department of Advanced Biomedical Sciences, University Federico II of Naples, Italy).

2. Prof. Paul A. Grayburn (Medical Director of Cardiology Research Baylor University Medical Center at Dallas, USA)
3. Prof. Micheal J. Mack (Medical Director, Cardiovascular Surgery, Baylor Health Care System Chairman of The Heart Hospital Baylor Plano Research Center, Plano, USA)
4. Prof. Giovanni Filardo (Associate member of the Society of Thoracic Surgeons (STS) Quality Measurement Task Force; Research Associate Professor of Statistics at Southern Methodist University, Adjunct Professor of Medicine at University of Louisville, KY, and Adjunct Associate Professor of Epidemiology at University of North Texas, Fort Worth, TX)
5. Prof. A. Cuocolo (Department of Advanced Biomedical Sciences, University Federico II of Naples, Italy).
6. Prof. G. De Simone (Department of Translational Medical Sciences University Federico II of Naples, Italy).

PUBLICATIONS

A) Peer Reviewed-Refereed Papers

1. **Sannino A**, Potluri S, Pollock B, Filardo G, Gopal A, Stoler R, Szerlip M, Chowdhury A, Mack M, Grayburn P. Impact of Mitral Stenosis on Survival in Patients Undergoing Isolated Transcatheter Aortic Valve Implantation. Am J Cardiol. Accepted for publication on January 15th 2019.
2. Grayburn PA, **Sannino A**, Packer M. Proportionate and Disproportionate Functional Mitral Regurgitation: A New Conceptual Framework That Reconciles the Results of the MITRA-FR and COAPT Trials. JACC Cardiovasc Imaging. 2018 Dec 6.
3. **Sannino A**, Stoler RC, Vallabhan R, Potluri S, Pollock B, Filardo G, Mack MJ, Grayburn PA. Assessment of the severity of paravalvular regurgitation and its role on survival after transcatheter aortic valve replacement. Structural Heart 2019; 3:24-30.
4. Schiattarella GG, **Sannino A**, Esposito G, Perrino C. Diagnostics and therapeutic implications of gut microbiota alterations in cardiometabolic diseases. Trends Cardiovasc Med. 2018 Aug 7.
5. **Sannino A**, Szerlip M, Harrington K, Schiattarella GG, Grayburn PA. Comparison of Baseline Characteristics and Outcomes in Men Versus Women With Aortic Stenosis Undergoing Transcatheter Aortic Valve Implantation. Am J Cardiol. 2018 Jan 10. pii: S0002-9149(18)30040-7. doi: 10.1016/j.amjcard.2017.12.020. [Epub ahead of print] PubMed PMID: 29397106.
6. **Sannino A***, Giugliano G*, Toscano E., Schiattarella GG, Franzone A., Tesorio T., Trimarco B., Esposito G., Stabile E. Double layred stents for carotid angioplasty: a metanalysis of available clinical data. Catheter Cardiovasc Interv. 2017 Dec 14. doi: 10.1002/ccd.27421. [Epub ahead of print].
7. **Sannino A**, Stoler RC, Hebel RF, Szerlip M, Mack MJ, Grayburn PA. Clinical Relevance of Baseline Thrombocytopenia in Transcatheter Aortic Valve Replacement. J Invasive Cardiol. 2017 Oct;29(10):353-358.
8. **Sannino A**, Smith R III, Schiattarella GG, Trimarco B, Esposito G, Grayburn PA. Survival and Cardiovascular Outcomes of Patients with Secondary Mitral Regurgitation. A Meta-Analysis of 53 Studies. JAMA Cardiol. 2017 Oct 1;2(10):1130-1139.
9. **Sannino A**, Cedars A, Stoler RC, Szerlip M, Mack MJ, Grayburn PA. Comparison of Efficacy and Safety of Transcatheter Aortic Valve Implantation in Patients with Bicuspid vs Tricuspid Aortic Valves. Am J Cardiol. 2017 Nov 1;120(9):1601-1606.
10. **Sannino A**, Grayburn PA. Mitral regurgitation in patients with severe aortic stenosis: diagnosis and management. Heart. 2017 Sep 13. pii: heartjnl-2017-311552.
11. Schiattarella GG*, **Sannino A***, Toscano E, Giugliano G, Gargiulo G, Franzone A, Trimarco B, Esposito G, and Perrino C. *first two authors equally contributed to this work. Gut microbe-generated metabolite trimethylamine-N-oxide as cardiovascular risk biomarker: a systematic review and dose-response meta-analysis. Eur Heart J. (2017) 0, 1–10. ***Co-first**

12. **Sannino A**, Schiattarella GG, Toscano E, Gargiulo G, Giugliano G, Galderisi M, Losi MA, Stabile E, Cirillo P, Imbriaco M, Grayburn PA, Trimarco B, Esposito G. Meta-Analysis of Effect of Body Mass Index on Outcomes After Transcatheter Aortic Valve Implantation. *Am J Cardiol*. 2017 Jan 15;119(2):308-316.
13. **Sannino A**, Stoler RC, Lima B, Szerlip M, Henry AC, Vallabhan R, Kowal RC, Brown DL, Mack MJ, Grayburn PA. Frequency of and Prognostic Significance of Atrial Fibrillation in Patients Undergoing Transcatheter Aortic Valve Implantation. *Am J Cardiol*. 2016 Nov 15;118(10):1527-1532.
14. **Sannino A**, Grayburn PA. Ischemic Mitral Regurgitation After Acute Myocardial Infarction in the Percutaneous Coronary Intervention Era. *Circ Cardiovasc Imaging*. 2016 Aug;9(8):e005323.
15. 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 Sep 15;219:396-403.
16. Stabile E, Giugliano G, Cremonesi A, Bosiers M, Reimers B, Setacci C, Cao P, Schmidt A, Sievert H, Peeters P, Nikas D, **Sannino A**, de Donato G, Parlani G, Castriota F, Hornung M, Rubino P, Esposito G, Tesorio T. Impact on outcome of different types of carotid stent: results from the European Registry of Carotid Artery Stenting. *EuroIntervention*. 2016 Jun 12;12(2):e265-70.
17. Gargiulo G*, **Sannino A***, Capodanno D, Barbanti M, Buccheri S, Perrino C, Capranzano P, Indolfi C, Trimarco B, Tamburino C, Esposito G. *first two authors equally contributed to this work. Transcatheter Aortic Valve Implantation Versus Surgical Aortic Valve Replacement: A ***Co-first**
18. Schiattarella GG, Magliulo F, Cattaneo F, Gargiulo G, **Sannino A**, Franzone A, Oliveti 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.
19. **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*. 2016 Oct 10;12(8):e1047-e1056.
20. 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.
21. **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. doi: 10.1111/echo.13006.
22. 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, Oliveti 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 Jun 22. pii: cvv173.
23. Losi MA, Izzo R, Stabile E, **Sannino A**, Canciello G, Giamundo A, Musella F, Cirillo P, Prastaro M, Galderisi M, Trimarco B, Esposito G. "Diastolic dysfunction reduces stroke volume during daily's life activities in patients with severe aortic stenosis" *Int J Cardiol*. 2015 May 21;195:64-65. doi: 10.1016/j.ijcard.2015.05.120.
24. 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. doi: 10.1371/journal.pone.0129209. eCollection 2015.

25. 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.
26. 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.* 187 (2015) 592–593.
27. 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 TAVI: A meta-analysis of 5,971 patients." *Catheter Cardiovasc Interv.* 2015 Jan 30. doi: 10.1002/ccd.25867.
28. 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 TAVI: a meta-analysis of 4,992 patients." *Circ Cardiovasc Interv.* 2015 Feb;8(2). pii: e002220. doi: 10.1161/CIRCINTERVENTIONS.114.002220.
29. 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 Cardioangiologica.* 2014 Nov 25.
30. Giugliano G, Stabile E, Biamino G, Petroni G, **Sannino A**, Brevetti L, Pucciarelli A, Popusoi G, Tesorio T, Cioppa A, Cota L, Salemme L, Sorropago A, Ausania A, Della Pietra G, Fontanelli A, Trimarco B, Esposito G, Rubino P. "Predictors of Carotid Occlusion Intolerance During Proximal Protected Carotid Artery Stenting." *JACC Cardiovasc Interv.* 2014 Oct 7. pii: S1936-8798(14)01231-X.
31. **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, and 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.
32. **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.
33. **Sannino A**^{*}, Brevetti L^{*}, Giugliano G, Scudiero F, Toscano E, Mainolfi C, Cuocolo A, Perrino C, Stabile E, Trimarco B, Esposito G. *first two authors equally contributed to this work. "Non-invasive vulnerable plaque imaging: how do we know that treatment works" *Eur Heart J Cardiovasc Imaging.* 2014 Nov;15(11):1194-202.
34. Stabile E^{*}, **Sannino A**^{*}, Schiattarella GG, Gargiulo G, Toscano E, Brevetti L, Scudiero F, Giugliano G, Perrino C, Trimarco B, Esposito G. *first two authors equally contributed to this work. "Cerebral Embolic Lesions detected with Diffusion-Weighted Magnetic Resonance Imaging following Carotid Artery Stenting: A Meta-analysis of 7 studies comparing Filter Cerebral Protection and Proximal Balloon Occlusion." *JACC Cardiovasc Interv.* 2014 Oct;7(10):1177-83.
35. 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 C, Indolfi C, Trimarco B, Esposito B. "Genetic deletion of uncoupling protein 3 exaggerates apoptotic cell death in the ischemic heart leading to heart failure." *JAHA.* 2013 May 20; 2(3):e000086. doi: 10.1161/JAHA.113.000086.
36. Giugliano G, Perrino C, Schiano V, Brevetti L, **Sannino A**, Schiattarella GG, Gargiulo G, Serino F, Ferrone M, Scudiero F, Carbone A, Amato B, Trimarco B, Esposito B. "Endovascular treatment of lower extremity arteries is associated with an improved outcome in diabetic patients affected by intermittent claudication." *BMC Surg.* 2012;12 Suppl 1:S19.
37. 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 Surg.* 2012;12 Suppl 1:S18.

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 Surg.* 2012;12 Suppl 1:S17.
39. Gargiulo G, Giugliano G, Brevetti L, **Sannino A**, Schiattarella GG, Serino F, Carbone A, Scudiero L, 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 Surg.* 2012;12 Suppl 1:S15.
40. 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 Sep 10;167(6):2566-71.
41. 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 and 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.
42. 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. PubMed PMID: 21275230.
43. 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.
44. Capretti G, Di Serafino L, Sorrentino S, Franzone A, Schiattarella GG, **Sannino A**, Gargiulo G, Pironti G, Esposito G, Chiariello M. "Impianto di stent percutaneo nel trattamento di una stenosi dell'aorta addominale come presentazione d'esordio di Lupus Eritematoso Sistemico". *It. J. Practice cardiol.* 1/2009.
45. Capretti G, Franzone A, Schiattarella GG, Gargiulo G, **Sannino A**, Sorrentino S, Perrino C, Esposito G, Chiariello M. "Il secondo messaggero cAMP e la regolazione della funzione cardiaca: ruolo dell'adenilato ciclasasi". *Trends in medicine*, Giugno 2009, numero 3.
46. 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.
47. Esposito G, Cassese S, Gargiulo G, **Sannino A**, Schiattarella GG, Piscione F, Chiariello M. "Balancing hemorrhagic and thrombotic complications in a patient with a very late paclitaxel-eluting stent thrombosis. a clinical case report." *J Cardiovasc Med (Hagerstown).* 2011 May;12(5):366-9.
48. Franzone A, Schiattarella GG, Capretti G, Sorrentino S, **Sannino A**, Perrino C, Esposito G, Chiariello M. "Gli effetti biologici delle statine nella malattia aterosclerotica". *Trends in medicine*, Gennaio 2009, numero 1.

B) Book Chapters

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