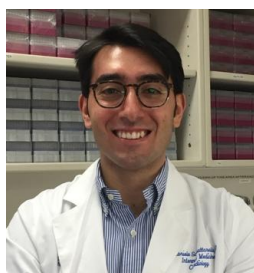


PERSONAL INFORMATION

Gabriele G. Schiattarella M.D. Ph.D.

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Sex: M | Date of birth: 21/04/1984 | Nationality: Italian

Scopus ID: 16029615600 | ORCID ID: 0000-0002-7582-7171 | WOS Researcher ID: Z-2624-2019

CURRENT POSITION

Postdoctoral Researcher, Division of Cardiology, University of Texas Southwestern Medical Center, Dallas, Texas, USA

WORK EXPERIENCE

-
- 01/2015 – Today **Researcher, Laboratory Molecular Cardiology, Division of Cardiology, UT Southwestern Medical Center, Dallas, Texas, USA.**
Supervisor: Joseph A. Hill M.D., Ph.D.
- Main subjects: Heart failure with preserved ejection fraction (HFpEF); unfolded protein response; FOXOs signaling; autophagy; lipid signaling.
- 04/2010 – 05/2015 **Fellow in Cardiology, Division of Cardiology, Federico II University, Naples, Italy.**
Supervisors: Giovanni Esposito M.D., Ph.D. and Cinzia Perrino M.D., Ph.D.
- Main subjects: mechanisms of cardiac hypertrophy and remodeling; heart failure; pre-clinical models of cardiovascular diseases; mechanisms of peripheral arterial disease.
- 07/2008 – 09/2010 **Intern, MD student, Dept. of General and Molecular Pathology, Federico II University, Naples, Italy.**
Supervisors: Antonio Feliciello M.D., Ph.D. and Enrico V. Avedimento M.D.
- Main subjects: mitochondrial function; cAMP signaling, reactive species production, DNA damage and repair in cardiomyocytes; epigenetics.
- 09/2005 – 07/2007 **Intern, MD student, Dept. of Biochemistry and Medical Biotechnology – CEINGE Advanced Biotechnology, Federico II University, Naples, Italy.**
Supervisors: Nicola Zambrano Ph.D. and Tommaso Russo M.D.
- Main subjects: protein-protein interaction and phosphotyrosine binding domain; proteomics, molecular biology in cellular systems.

EDUCATION AND TRAINING

-
- 09/2002 – 07/2009 **Medical Degree (MD) “Magna cum Laude”, Federico II University, Naples, Italy.**
- 01/2010 – today **Unrestricted License to practice Medicine and Surgery in Italy and all other Countries of the European Community.**
- 01/2010 – 05/2015 **Specialization in Cardiology (board in Cardiology) with “highest score” Division of Cardiology, Federico II University, Naples, Italy.**

10/2014 – 01/2018 Ph.D. in Clinical and Experimental Medicine “*cum Laude*”, Department of Immunological and Cardiovascular Sciences, Federico II University, Naples, Italy.

09/2019 – 09/2025 Italian habilitation to Professor of II Level in Cardiology (06/D1).

09/2019 – 09/2025 Italian habilitation to Professor of II Level in Health Professions and Applied Medical Technologies (06/N1).

PERSONAL SKILLS

Mother tongue Italian

Other languages

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

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Communication skills

- Excellent communication skills gained through my role as scientific abstracts/posters presenter at more than 50 national and international meetings from 2009 to 2019.

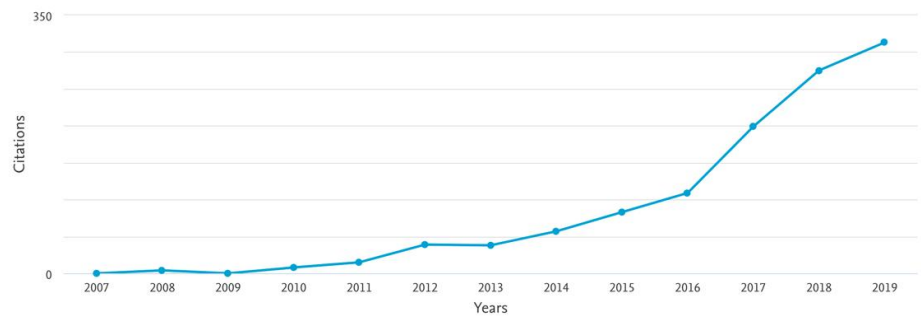
Organisational / managerial skills

- Organizer of the European Society of Cardiology (ESC) Cardiologist of Tomorrow Meeting at the 78th Italian Society of Cardiology (SIC) national congress. Rome December 15-18, 2017.
- Organizer of the "Heart Failure 2030 - Cutting Edge Management of the Failing Heart" in collaboration with Novartis. Pisa, Italy, April. 23-24, 2018.
- Organizer of the European Society of Cardiology (ESC) Cardiologist of Tomorrow Meeting at the 79th Italian Society of Cardiology (SIC) national congress. Rome December 14-19, 2018.
- Supervision of graduate students and postdoctoral fellows
 - 3 MD students, 1 PhD Student, 1 technician. University Federico II of Naples (2009 – 2014);
 - 3 summer students, 2 MD students, 1 post-doctoral fellow. UT Southwestern Medical Center (2015 – 2019).
- Currently responsible of preclinical cardiovascular imaging at UTSW.

Digital skills

- Excellent command of Microsoft office suite (Word, Excel, Ppt), Adobe suite (Photoshop, Illustrator), GraphPad software, EndNote Software

ADDITIONAL INFORMATION

Bibliometric Information
(Source: Scopus 2019)

Number of publications: **80**
 Number of articles as first-author: **30**
 Total number of citations: **1150**
 Number of citations, self-citations excluded: **1035**
h-index: **19**
 Cumulative impact factor: **>450**

A) Honors and Awards

- 08/2009 Council of Basic Cardiovascular Science, Travel Award, European Society of Cardiology (ESC), Barcelona, Spain. Awarded: € 500.00
- 08/2010 Council of Basic Cardiovascular Science, Travel Award, European Society of Cardiology (ESC), Stockholm, Sweden. Awarded: € 500.00
- 12/2011 Young Investigator Award, Italian Society of Cardiology (SIC), Rome, Italy. Awarded: € 1.000
- 05/2017 Best Poster, Texas Health Resources Cardiovascular Symposium, UTSW, Dallas, TX. Awarded: \$500,00
- 01/2018 Keystone Symposia scholarship, Keystone, Colorado, USA. Awarded: \$ 1.200
- 10/2018 3rd place - Basic Science Fellow Award, 14th Northwestern Cardiovascular Young Investigators' Forum, Chicago, IL, USA. Awarded: \$ 1.000
- 12/2018 "Seal of Excellence", European Commission, EU Framework Program for Research and Innovation.
- 06/2019 "Richard Bing" Young Investigator Award, International Society of Heart Research (ISHR), Beijing, China. Awarded: \$ 2.000
- 07/2019 New Investigator Travel Award, Basic Cardiovascular Science Council (BCVS), American Heart Association (AHA), Boston, MA, USA. Awarded: \$ 1.000
- 12/2019 Italian Society of Cardiology, Best Publication 2018-2019 Award, Rome, Italy. Awarded: € 1.000

B) Scientific Committees Member

- 2019-present Nucleus member, Translational Committee, Heart Failure Association (HFA), European Society of Cardiology (ESC).
- 2018-present Nucleus member, Cellular Biology Committee, Italian Society of Cardiology (SIC).

C) Grant Review Panel Experience

- 2019-present Dutch Heart Foundation (Hartstichting).
- 2019-present American Heart Association (AHA) - Cardiac Biology BSc 1 Committee.

D) Editorial Positions

2016-present Associate Editor for "Frontiers in Physiology". **IF (JCR 2019): 4.134**

2017-present Associate Editor of "Journal of Translational Medicine". **IF (JCR 2019): 4.197**

2017-present Editorial board member of "Jour of Cardiovascular Translational Medicine". **IF (JCR 2019): 2.319**

2018-present Editorial board member of "Journal of Cellular and Molecular Medicine". **IF (JCR 2019): 4.658**

2019-present Editorial board member of "Journal of Molecular and Cellular Cardiology". **IF (JCR 2019): 5.055**

E) Reviewer for the following journals

1. Circulation, 2. European Heart Journal, 3. Journal of American College of Cardiology, 4. Nature Metabolism, 5. JACC-Basic to Translational Science, 6. Journal of American Heart Association, 7. Cardiovascular Research, 8. Journal of Molecular and Cellular Cardiology, 9. American Journal of Physiology-Heart and Circulatory Physiology, 10. Cell Death&Disease, 11. EMBO Molecular Medicine, 12. FEBS Open BIO, 13. Scientific Report, 14. European Journal of Pharmacology, 15. Journal of Translational Medicine, 16. Journal of Cardiovascular Translational Research, 17. Frontiers in Physiology, 18. Journal of Human Hypertension, 19. International Journal of Cardiology.

F) Research Funding

1. "STAR Research Award - Young Researcher Mobility" of the University Federico of Naples.
Project Title: "DNA Damage and Epigenetic Modifications in Adrenergic Stress-Induced Heart Failure.
Awarded: € 9.700
Role in the Project: Principal Investigator
2. Post-doctoral Fellowship of American Heart Association (18POST34060230).
Project Title: A Novel Xbp1s-Foxo1 Axis in Toxic Lipid Accumulation in Heart Failure With Preserved Ejection Fraction. Awarded: \$ 125.120,00
Role in the Project: Principal Investigator
3. Strategically Focused Research Network (SFRN) of American Heart Association (14SFRN20670003).
Project Title: Molecular mechanisms in the transition from cardiomyocyte hypertrophy to HFpEF.
Awarded: \$ 1.230.450,00
Role in the Project: Research Fellow (Joseph A. Hill M.D., PhD. – PI)
4. National Institute of Health (NIH) (R01 HL145298)
Project Title: Intracellular Immunity, Cytosolic DNA Sensing by Cyclic GAMP Synthase, and Macrophages in Ischemic Injury and Cardiac Remodeling.
Awarded: \$ 2.020.200,00
Role in the Project: Collaborator (Dian Cao M.D., Ph.D. – PI)

G) Patents

1. Compositions and Methods for Modeling Heart Failure with Preserved Ejection Fraction (PCT/US17/37019).
Role: Inventor

H) Meeting Invited Presentations

1. Schiattarella GG. "Molecular Mechanisms of Heart Failure" - Immunodeficienze e Malattie Immuno-mediate meeting, Palazzo Arcivescovile Nusco (AV) 10-13 July 2013.
2. Schiattarella GG. "In vivo model of heart failure with preserved ejection fraction" - 4th Cardiology Belgium-Italy Joint Seminar. Rome 26-27 November 2015.
3. Schiattarella GG. "Heart Failure with Preserved Ejection Fraction (HFpEF): Preclinical Model and

Fundamental Mechanisms" - AHA SFRN 2016 Annual Scientific Meeting - 4-5 March 2016, Phoenix, Arizona, USA.

4. Schiattarella GG, "Why all cardiologists should be informed about the new discoveries in basic cardiovascular science" - 78th Italian Society of Cardiology (SIC) national congress. Rome, Italy, December 15-18, 2017.
5. Schiattarella GG, "The Fat Heart: Lipid metabolism in HFpEF" - 35th meeting of the International Society of Heart Research (ISHR) - European Section. Amsterdam, Netherlands, July 16-18, 2018.
6. Schiattarella GG. "XBP1s-FoxO1 Axis Regulates Lipid Metabolism and Cardiac Performance in Heart Failure with Preserved Ejection Fraction" - Keystone Symposia "Heart Failure: Crossing the Translational Divide" Keystone Resort - Keystone, Colorado USA, January 14-18, 2018.
7. Schiattarella GG. Phenotyping and Molecular Mechanism of Heart Failure with Preserved Ejection Fraction (HFpEF) - Northeast Cardiovascular Forum (NCF), June 08-10, 2018, Shenyang, China.
8. Schiattarella GG. The Fat Heart: Metabolic Remodeling in Heart Failure with Preserved Ejection Fraction (HFpEF)" - Biennial meeting of the European Society of Cardiology (ESC) Working Groups on Myocardial Function and Cellular Biology of the Heart, May 9-11, Naples, Italy.
9. Schiattarella GG. "Metabolic Remodeling in HFpEF" - European Society of Cardiology (ESC) annual meeting. August 31, September 4, Paris, France.
10. Schiattarella GG. "Molecular Mechanisms of HFpEF" - 80th Italian Society of Cardiology (SIC) national congress. Rome, Italy, December 12-15, 2019.

I) Invited Seminars

1. Schiattarella GG. "HFpEF Pathophysiology: A Novel Cardiomyocyte iNOS-XBP1s-FoxO1 Axis" Humanitas University, Milan, Italy, December 20th, 2017.
2. Schiattarella GG. "iNOS-dependent Nitrosative Stress Suppresses XBP1s in Cardiomyocytes Driving Heart Failure with Preserved Ejection Fraction" Goettingen University, Goettingen, Germany, July 20th, 2018.
3. Schiattarella GG. "Nitrosative Stress-dependent Suppression of Xbp1s Drives Heart Failure with Preserved Ejection Fraction" Heidelberg University, Heidelberg, Germany, February 19th, 2019.
4. Schiattarella GG. "Nitrosative Stress Drives Heart Failure with Preserved Ejection Fraction" Glasgow University, Glasgow, UK, August 22nd, 2019.
5. Schiattarella GG. "Metainflammation-dependent Suppression of IRE1 α -XBP1 Axis Drives Heart Failure with Preserved Ejection Fraction" Max Delbrück Center for Molecular Medicine, Berlin, Germany, September 3rd, 2019.

J) Clinical Studies Participations

1. The STabilisation of Atherosclerotic plaque By Initiation of darapLadlb TheraphY (Stability); Sponsor: GlaxoSmithKline. ClinicalTrials.gov Identifier: NCT00799903. **Role: Data Collection.**
2. The Stabilisation Of pLaques using Darapladib-Thrombolysis In Myocardial Infarction 52 (SOLID-TIMI52); Sponsor: GlaxoSmithKline. ClinicalTrials.gov Identifier: NCT01000727. **Role: Data Collection.**
3. Thrombin Receptor Antagonist in Secondary Prevention of Atherothrombotic Ischemic Events (TRA 2P-TIMI 50) Trial. Sponsor: Merck. ClinicalTrials.gov Identifier: NCT00526474. **Role: Data Collection.**
4. Pulmonary Embolism Removal with the AngioJet 6F Ultra SystEm (PERFUSE). Boston Scientific Corporation. ClinicalTrials.gov Identifier: NCT01638468. **Role: Study Coordinator.**
5. PEripheral Use of AngioJet® Rheolytic Thrombectomy With a Variety of Catheter Lengths II (PEARL II) Sponsor: Boston Scientific Corporation. ClinicalTrials.gov Identifier: NCT01086215. **Role: Study Coordinator.**

6. Determination of Effectiveness of the SilverHawk®Peripheral Plaque Excision System (SilverHawk Device) for the Treatment of Infrainguinal Vessels / Lower Extremities (DEFINITIVE LE). Sponsor: Medtronic Endovascular. ClinicalTrials.gov Identifier: NCT00883246. **Role: Study Coordinator.**
7. Effects of Beta-blockade on Platelet Aggregation in Acute Coronary Syndrome (PLATE-BLOCK) Sponsor: Università Federico II di Napoli. ClinicalTrials.gov Identifier: NCT02809820. **Role: Co-Principal Investigator.**

K) List of Publications

a) Original Research Articles

1. Tong D*, **Schiattarella GG***, Jiang N, May HI, Lavandero S, Gillette TG, Hill JA. Female Sex Is Protective in a Preclinical Model of Heart Failure with Preserved Ejection Fraction. *Circulation*. 2019 Nov 19;140(21):1769-1771. ***Co-first authors. IF (JCR 2019): 23.054**
2. Turer A, Altamirano F, **Schiattarella GG**, May H, Gillette TG, Malloy CR, Merritt ME. Remodeling of substrate consumption in the murine sTAC model of heart failure. *J Mol Cell Cardiol*. 2019 Jul 21; 134:144-153. **IF (JCR 2019): 5.055**
3. Altamirano F, **Schiattarella GG**, French KM, Kim SY, Engelberger F, Kyrychenko S, Villalobos E, Tong D, Schneider JW, Ramirez-Sarmiento CA, Lavandero S, Gillette TG, Hill JA. Polycystin-1 Assembles with Kv Channels to Govern Cardiomyocyte Repolarization and Contractility. *Circulation*. 2019 Jun 21. **IF (JCR 2019): 23.054**
4. **Schiattarella GG**, Altamirano F, Tong D, French KM, Villalobos E, Kim SY, Luo X, Jiang N, May HI, Wang ZV, Hill TM, Mammen PPA, Huang J, Lee DI, Hahn V, Sharma K, Kass DA, Lavandero S, Gillette TG, Hill JA. Nitrosative Stress Drives Heart Failure with Preserved Ejection Fraction. *Nature*. 2019 Apr;568(7752):351-356. **IF (JCR 2019): 43.070**
5. Villalobos E, Criollo A, **Schiattarella GG**, Altamirano F, French KM, May HI, Jiang N, Nguyen NU, Romero D, Roa JC, García L, Diaz-Araya G, Morselli E, Ferdous A, Conway SJ, Sadek HA, Gillette TG, Lavandero S, Hill JA. Fibroblast Primary Cilia are Required for Cardiac Fibrosis. *Circulation*. 2019 May 14;139(20):2342-2357. **IF (JCR 2019): 23.054**
6. Makarewich CA, Munir AZ, **Schiattarella GG**, Bezprozvannaya S, Raguimova ON, Cho EE, Vidal AH, Robia SL, Bassel-Duby R, Olson EN. The DWORF micropeptide enhances contractility and prevents heart failure in a mouse model of dilated cardiomyopathy. *Elife*. 2018 Oct 9;7. pii: e38319. **IF (JCR 2019): 7.551**
7. **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. **IF (JCR 2019): 3.201**
8. Fernandez AF, Sebt S, Wei Y, Zou Z, Shi M, McMillan KL, He C, Ting T, Liu Y, Chiang WC, Marciano DK, **Schiattarella GG**, Bhagat G, Moe OW, Hu MC, Levine B. Disruption of the beclin 1-BCL2 autophagy regulatory complex promotes longevity in mice. *Nature*. 2018 Jun;558(7708):136-140. **IF (JCR 2019): 43.070**
9. 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 Selective and Nonselective Beta-blockers on Platelet Aggregation in Patients With Acute Coronary Syndrome: The PLATE-BLOCK Study. *Am J Cardiol*. 2018 Jul 1;122(1):6-11. ***Co-first authors. IF (JCR 2019): 2.843**

10. **Schiattarella GG**, Carrizzo A, Ilardi F, Damato A, Ambrosio M, Madonna M, Trimarco V, Marino M, De Angelis E, Settembrini S, Perrino C, Trimarco B, Esposito Giovanni, Vecchione C. Rac1 Modulates Endothelial Function and Platelet Aggregation in Diabetes. *J Am Heart Assoc*. 2018 Apr 6;7(8). pii: e007322. **IF (JCR 2019): 4.660**
11. Criollo A, Altamirano F, Pedrozo Z, Li D, **Schiattarella GG**, Gillette TG, Lavandro S, Hill JA. Polycystin-2-dependent control of cardiomyocyte autophagy. *J Mol Cell Cardiol*. 2018 Mar 6;118:110-121. **IF (JCR 2019): 5.055**
12. Cao D, **Schiattarella GG**, Villalobos E, Jiang N, May HI, Li T, Chen ZJ, Gillette TG, Hill JA. Cytosolic DNA Sensing Promotes Macrophage Transformation and Governs Myocardial Ischemic Injury. *Circulation*. 2018 Jun 12;137(24):2613-2634. **IF (JCR 2019): 23.054**
13. 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 Apr 1;121(7):844-849. **IF (JCR 2019): 2.843**
14. De Pasquale V, Pezone A, Sarogni P, Tramontano A, **Schiattarella GG**, Avvedimento VE, Paladino S, Pavone LM. EGFR activation triggers cellular hypertrophy and lysosomal disease in NAGLU-depleted cardiomyoblasts, mimicking the hallmarks of mucopolysaccharidosis IIIB. *Cell Death Dis*. 2018 Jan 18;9(2):40. **IF (JCR 2019): 5.959**
15. **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 Mar;71(3):507-517. **IF (JCR 2019): 7.017**
16. Sannino A, Giugliano G, Toscano E, **Schiattarella GG**, Franzone A, Tesorio T, Trimarco B, Esposito G, Stabile E. Double layered stents for carotid angioplasty: A meta-analysis of available clinical data. *Catheter Cardiovasc Interv*. 2018 Mar 1;91(4):751-757. **IF (JCR 2019): 2.551**
17. **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. **IF (JCR 2019): 23.239**
18. Sannino A, Smith RL 2nd, **Schiattarella GG**, Trimarco B, Esposito G, Grayburn PA. Survival and Cardiovascular Outcomes of Patients With Secondary Mitral Regurgitation: A Systematic Review and Meta-analysis. *JAMA Cardiol*. 2017 Oct 1;2(10):1130-1139. **IF (JCR 2019): 11.866**
19. 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. ***Co-first authors. IF (JCR 2019): 2.843**
20. Nakada Y, Canseco DC, Thet S, Abdisalaam S, Asaithamby A, Santos CX, Shah AM, Zhang H, Faber JE, Kinter MT, Szveda LI, Xing C, Hu Z, Deberardinis RJ, **Schiattarella G**, Hill JA, Oz O, Lu Z, Zhang CC, Kimura W, Sadek HA. Hypoxia induces heart regeneration in adult mice. *Nature*. 2017 Jan 12;541(7636):222-227. **IF (JCR 2019): 43.070**

21. **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. **IF (JCR 2019): 2.776**
22. 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. **IF (JCR 2019): 4.018**
23. **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. **IF (JCR 2019): 2.776**
24. 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. *Cardiovascular Research*. 2015 Sep 1;107(4):431-41. ***Co-first authors. IF (JCR 2019): 7.014**
25. Trimarco V, Izzo R, Stabile E, Rozza F, Santoro M, Manzi MV, Serino F, **Schiattarella GG**, Esposito G, Trimarco B. Effects of a new combination of nutraceuticals with *Morus alba* on lipid profile, insulin sensitivity and endothelial function in dyslipidemic subjects. A cross-over, randomized, double-blind trial. *High Blood Press Cardiovasc Prev*. 2015 Jun;22(2):149-54
26. 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 7 studies comparing Filter Cerebral Protection and Proximal Balloon Occlusion. *JACC Cardiovasc Interv*. 2014 Oct;7(10):1177-83. **IF (JCR 2019): 9.544**
27. 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. ***Co-first authors. IF (JCR 2019): 2.776**
28. Gargiulo S, Petretta MP, Greco A, Panico M, Larobina M, Gramanzini M, **Schiattarella GG**, Esposito G, Petretta M, Brunetti A, Cuocolo A. Genetic deletion in uncoupling protein 3 augments 18F-fluorodeoxyglucose cardiac uptake in the ischemic heart. *BMC Cardiovasc Disord*. 2014 Aug 8;14(1):98. **IF (JCR 2019): 1.947**
29. 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 Jul 2. pii: S0002-9149(14)01369-1. **IF (JCR 2019): 2.843**

30. 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. **IF (JCR 2019): 3.471**
31. Castaldi A, Zaglia T, Di Mauro V, Carullo P, Viggiani G, Borile G, Di Stefano B, **Schiattarella GG**, Gualazzi MG, Elia L, Stirparo GG, Colorito ML, Pironti G, Kunderfranco P, Esposito G, Bang ML, Mongillo M, Condorelli G, Catalucci D. MicroRNA-133 modulates the β -adrenergic receptor transduction cascade. *Circ Res*. 2014 Jul 7;115(2):273-83. **IF (JCR 2019): 15.862**
32. Perrino C*, **Schiattarella GG***, Sannino A, Pironti G, Petretta MP, Cannavo A, Gargiulo G, Iardi F, Magliulo M, Franzone A, Carotenuto G, Serino F, Altobelli GG, Cimini V, Cuocolo A, Lombardi A, Goggia 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 Assoc*. 2013 May 20;2(3):e000086. ***Co-first authors. IF (JCR 2019): 4.660**
33. Esposito G, Perrino C, Cannavo A, **Schiattarella GG**, Borgia F, Sannino A, Pironti G, Gargiulo G, Serafino LD, Franzone A, Scudiero L, Grieco P, Indolfi C, Chiariello M. EGFR trans-activation by urotensin II receptor is mediated by β -arrestin recruitment and confers cardioprotection in pressure overload-induced cardiac hypertrophy. *Basic Res Cardiol*. 2011 Jun;106(4):577-89. **IF (JCR 2019): 6.470**
34. 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. **IF (JCR 2019): 7.014**
35. 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. **IF (JCR 2019): 7.017**
36. Caratu G, Allegra D, Bimonte M, **Schiattarella GG**, D'Ambrosio C, Scaloni A, Napolitano M, Russo T, Zambrano N. "Identification of the ligands of protein interaction domains through a functional approach". *Mol Cell Proteomics*. 2007 Feb;6(2):333-45. **IF (JCR 2019): 4.828**

b) Review/Editorial Articles

1. **Schiattarella GG**, Tong D, Hill JA. Can HFpEF and HFrEF coexist? *Circulation*. 2019 Nov. **IF (JCR 2019): 23.054**
2. **Schiattarella GG***, Trimarco B. Microbial metabolites as predictive biomarkers: a paradigm shift for cardiovascular risk stratification. *Eur Heart J*. 2019 Jun 5. ***Corresponding author. IF (JCR 2019): 23.239**
3. **Schiattarella GG***. Extracellular signal-regulated kinase (ERK) in left ventricular pathological hypertrophy: not a new kid on the block anymore. *Int J Cardiol*. 2018 Nov 15; 271:260-261. ***Corresponding author. IF (JCR 2019): 3.471**

4. **Schiattarella GG**, Tong D, Hill JA. Ventricular Phenotyping Reviews. *Circulation*. 2018 Aug 21;138(8):749-750. **IF (JCR 2019): 23.054**
5. **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. ***Corresponding author. IF (JCR 2019): 4.462**
6. **Schiattarella GG**, Perrino C. Inflammation in aortic stenosis: Shaping the biomarkers network. *Int J Cardiol*. 2018 Jul 6. pii: S0167-5273(18)33669-6. **IF (JCR 2019): 3.471**
7. **Schiattarella GG***, Hill, J.A. Epigenetic control of lipid metabolism: Implications for lifespan and healthspan. *Cardiovasc Res*. 2018 May 1;114(6):e33-e35. ***Corresponding author. IF (JCR 2019): 7.014**
8. Ytrehus K, Hulot JS, Perrino C, **Schiattarella GG**, Madonna R. Perivascular fibrosis and the microvasculature of the heart. Still hidden secrets of pathophysiology? *Vascul Pharmacol*. 2018 Apr 27. pii: S1537-1891(17)30469-X. **IF (JCR 2019): 3.330**
9. **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. pii: S1537-1891(17)30468-8. **IF (JCR 2019): 3.330**
10. **Schiattarella GG**, Hill TM, Hill JA. Is Load-Induced Ventricular Hypertrophy Ever Compensatory? *Circulation*. 2017 Oct 3;136(14):1273-1275. **IF (JCR 2019): 23.054**
11. **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. **IF (JCR 2019): 3.471**
12. **Schiattarella GG**, Hill JA. Metabolic control and oxidative stress in pathological cardiac remodeling. *Eur Heart J*. 2017 May 7;38(18):1399-1401. **IF (JCR 2019): 23.239**
13. **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.
14. **Schiattarella GG**, Hill JA. Therapeutic targeting of autophagy in cardiovascular disease. *J Mol Cell Cardiol*. 2016 Jun; 95:86-93. **IF (JCR 2019): 5.055**
15. **Schiattarella GG**, Hill JA. Inhibition of hypertrophy is a good therapeutic strategy in ventricular pressure overload. *Circulation*. 2015 Apr 21;131(16):1435-47. **IF (JCR 2019): 23.054**
16. 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*. 2016 Feb;64(1):84-91. **IF (JCR 2019): 0.781**

17. **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. **IF (JCR 2019): 3.201**
18. **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. ***Corresponding author. IF (JCR 2019): 4.660**
19. 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.* 2014 Jan;12(1):106-16. ***Co-first authors. IF (JCR 2019): 2.583**
20. 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. **IF (JCR 2019): 4.048**
21. Perrino C, **Schiattarella GG**. (Zebra) fishing for relevant genes in heart regeneration. *J Cardiovasc Med (Hagerstown).* 2010 Sep;11(9):631-2. **IF (JCR 2019): 1.427**

c) Book Chapters

1. Perrino C, Esposito G, Gargiulo G, Pironti G, **Schiattarella GG**, Chiariello M. "Role of Phosphoinositide 3-kinases and Angiogenesis in Cardiovascular Disease" *Anti-Angiogenesis-Drug Discovery and Development.* 2009: pag. 1-18.
2. AA.VV. Cardiologia - Per studenti e Medici di Medicina Generale 2013. Idelson-Gnocchi Editore (Italian).

Complete List of Published Works in My Bibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/1ZAJQ57R9aHAo/bibliography/public/>