

## PERSONAL INFORMATION TERESA PASQUA

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Sex female | *Date of birth* 01/05/1980 | *Nationality* Italian

## WORK EXPERIENCE

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- 2020 - present **Associate Professor in Physiology**  
Department of Health Science, University "Magna Graecia" of Catanzaro, Italy
- 2020 - present **Head of the Laboratory of Physiology and Neuropharmacology**  
Department of Health Science, University "Magna Graecia" of Catanzaro, Italy
- 2020 - present **Member of the Research Center "FARMAGEN"**  
University "Magna Graecia" of Catanzaro, Italy
- 02.2019 - 08.2019 **Researcher in Physiology**  
"The role of Chromogranin-A and its derived peptides in ventricular dilated cardiomyopathy and heart failure". "Post-Doctoral Fellowship-year 2019", "Fondazione Umberto Veronesi" Milan, Italy
- 2018 - 02.2019 **Post-doc Researcher in Physiology**  
"Analysis of the effects related to the ingestion of new food preparations on health status". Department of Biology, Ecology and ES University of Calabria, Italy
- 2017 - present **Secretary and Member of the Board of the Italian Society for Cardiovascular Research (SIRC)**  
Bologna, Italy
- 2014 - 2015 **Post-doc Researcher in Physiology**  
"Role of cardioactive peptides derived from Chromogranin-A in heart failure: potential therapeutic effects". Veteran Affairs San Diego Health Care System and Department of Medicine & Center for Molecular Genetics, Division of Nephrology and Hypertension University of California, San Diego (USA)
- 2014 - 2015 **Post-doc Researcher in Physiology**  
"Role of cardioactive peptides derived from Chromogranin-A in heart failure: potential therapeutic effects". Department of Biology, Ecology and ES University of Calabria, Italy
- 2012 - 2014 **Post-doc Researcher in Physiology**  
"Integrated biotechnologies and experimental models for the development and selection of molecules of interest for human health". Department of Biology, Ecology and ES University of Calabria, Italy
- 2010 - 2011 **Post-doc Researcher in Physiology**  
"Physiological effects and molecular mechanisms of Catestatin cardiovascular action". National Institute for Cardiovascular Research (INRC) Bologna, Italy

**EDUCATION AND TRAINING**

- 2007-2010 **PhD in Animal Biology (Cardiovascular Physiology)**  
University of Calabria, Italy
- 2007 **Degree in Chemistry and Pharmaceutical Technologies**  
With full marks, University of Calabria, Italy
- 2007-2010 **Qualification to the profession of Pharmacist**  
University of Calabria, Italy

**WORK ACTIVITIES**

- Awards**
- 2019** "SIF PRIZE 2019", Italian Society of Physiology (SIF)
- 2017** "Travel Grant", International Symposium of Chromaffin Cell Biology (ISCCB).
- 2016** "Best poster presentation" for "Novel roles for Chromogranin-A peptide Catestatin in cardiac metabolism and physiology", Italian Society for Cardiovascular Research (SIRC)
- 2013** "Travel Grant", International Symposium of Chromaffin Cell Biology (ISCCB).
- 2013** "Young investigator, best poster presentation" for "Novel Chromofungin (CgA47-66) protective properties against LPS-induced sepsis in heart and liver" Italian Society for Cardiovascular Research (SIRC)
- 2012** "Best Poster presentation - Cell Physiology" for "Direct cardiac role of full-length human Chromogranin A: stimulus-induced processing and myocardial and coronary effects" – Italian Society of Physiology (SIF)
- 2010** "Young Investigator award" for "Phosphodiesterases (PDE2) and protein S-nitrosylation mediate the cardiac response of catestatin" - Italian Society for Cardiovascular Research (SIRC)

**Editorial activity** **Reviewer** for the following Scientific International Journals:

Biomarkers in Medicine, PLOS ONE, Molecules, Peptides, Frontiers in Cellular Neuroscience, The European Journal of Pharmacology, Journal of Venomous Animals and Toxins including Tropical Diseases, Journal of Cardiovascular Pharmacology and Therapeutics

**Member of the Editorial Board** of Frontiers in Cellular Neuroscience, Frontiers in Physiology, and Frontiers in Oxidative Physiology

**GUEST EDITOR** Special issue "Mechanisms, and pathophysiology of obesity: upgrading a complex scenario" Current Medicinal Chemistry.

**GUEST EDITOR** Special issue "Oxidative and Nitrosative Stress in Vascular Diseases: The Heart/Brain Connection", Oxidative Medicine and Cellular Longevity.

**Invited presentations**

**Invited Speaker:** "Novel insight on Chromogranin A cardiac mechanism of action: the role of Neuropilin-1". 21st ISCCB, Hamburg, Germany, July 2022

**Organization:** 21st International Symposium on Chromaffin Cell Biology, Hamburg, Germany, July 2022

**Organization:** VI FORUM "New roads in cardiovascular research", Italian Society of Cardiovascular Research (SIRC), Bari, Italy - July 2022

**Organization:** "XXIII National Congress" of Italian Society of Cardiovascular Research (SIRC), Imola (Bo), Italy - October 2021

**Invited Speaker:** "Chromogranin A: a promising tool in preventing Doxorubicin-induced cardiotoxicity". 20th International Symposium on Chromaffin Cell Biology (ISCCB), Chennai (Madras, India). 01/2020

**Organization:** Joint Symposium SIRC-ISHR/ES "Cardioprotection and Cardiotoxicity" XXXVI International Meeting of ISHR/ES Torino Jun-July 2020

**Organization:** "XXII National Congress" of Italian Society of Cardiovascular Research (SIRC), Imola (Bo), Italy - November 2019

**Organization:** IV FORUM "New roads in cardiovascular research", Italian Society of Cardiovascular Research (SIRC), Roma, Italy - October 2018

**Organization:** "Symposium 3 • New frontiers in cardiovascular physiology and protection. SIRC patronage". 69° Italian Physiological Society Meeting (SIF), Florence, Italy - September 2018

**Organization:** "XXI National Congress" of Italian Society of Cardiovascular Research (SIRC), Imola (Bo), Italy - November 2017

**Chairman:** "Poster Session II". National Congress of the Italian Society of Cardiovascular Research (SIRC)", Imola (Bo), Italy - November 2017

**Invited Speaker:** "Chromogranin A and its derived peptides: cardiac modulation and cardioprotection". 19th International Symposium on Chromaffin Cell Biology, Sheffield, UK – August 2017

**Invited Speaker:** "Chromogranin A and the heart: from processing to cardioprotection". 67° Italian Physiological Society Meeting (SIF), Catania, Italy - September 2016

**Oral presentation:** "Ischemic protection: the novel role of the CgA-derived Serpinin", XIV National Congress of the Italian Society of Cardiovascular Research (SIRC)", Imola (Bo), Italy - October 2013

**Oral presentation:** "The emerging protective function of Chromofungin (CgA47-66) against (LPS)- induced sepsis in heart and liver"; 17th "International Symposium on Chromaffin Cell Biology" (ISCCB17), Rouen, France - July 2013

**Oral presentation:** "Cardiac physiopathology: an update on Chromogranin A and its derived peptides", 1st SIRC Workshop on "New Roads in Cardiovascular Research", Milan, Italy - November 2012

**Invited Speaker:** "The full-length Chromogranin A and its cardiac function: stimulus-induced processing and direct myocardial and coronary effects". 8th International Meeting on "Chromogranins and derived-peptides: from physiology to pathology", Rouen, France - May 2012

**Oral presentation:** "Chromogranin-A processing in the heart: physically- vs chemically- stimulated conditions". 7th International Meeting on "Chromogranin A and its derived- peptides", Capri (Na), Italy - April 2011

**Invited Speaker:** "Catestatin signaling in heart: S-nitrosylation and Phosphodiesterase 2 (PDE2) play crucial roles in mediating the antihypertensive action of catestatin". 7th International Meeting on "Chromogranin A and its derived-peptides", Capri (Na), Italy - April 2011

**Oral presentation:** "The emerging myocardial and coronary action of Glucagon-derived peptide-2". 61° Meeting of The Italian Physiological Society (SIF), Varese, Italy - September 2010

**Grants** 2019 Participation to: POC01\_00049 "The catalytic domain 43-52 derived from Selenoprotein T(PSELT) as a new drug in cardioprotection" Italian Ministry of University and Research

2019 PI: "The role of Chromogranin-A and its derived peptides in ventricular dilated cardiomyopathy and heart failure". "Fondazione Umberto Veronesi" Milan, Italy

2017 Participation to: Progetto di Ricerca POR ASSE I –"Supporto alla realizzazione di progetti complessi di attività di ricerca e sviluppo su poche aree tematiche di rilievo e all'applicazione di soluzioni tecnologiche funzionali alla realizzazione delle strategie di S3" n° J88C17000370006

## ADDITIONAL INFORMATION

**Publications** total number of publications in peer-review journals **50**  
total Impact Factor (**228**) (average **4,56**), total  
number of citations **962**  
H index **20**

Catanzaro, 14/06/2022

