

## **Professor Guido Iaccarino**

### ***CURRICULUM VITÆ***

Luogo e data di nascita: Napoli, 5 marzo 1967

Stato Civile: Coniugato

**Indirizzo Lavorativo:**  
**Dipartimento di Scienze Biomediche Avanzate**  
**Università di Napoli Federico II.**  
**Via Sergio Pansini 5,**  
**80131 Napoli**

*CURRICULUM STUDIORUM:*

- 1987-1990*                      *Studente interno presso il Dipartimento di Biologia e Patologia Cellulare e Molecolare, sotto la direzione del prof. Salvatore Formisano, lavorando sulla LDL aferesi in pazienti con ipercolesterolemia familiare.*
- 1-1989/5-1989*                *Studente in visita presso la Facoltà di Medicina dell'Università Cattolica di Lovanio, Brussell, Belgio, nell'ambito del progetto ERASMUS della Comunità Economica Europea*
- 8-1990/10-1990*              *Studente in visita presso il laboratorio del prof. Hayden G. Coon, National Cancer Institute, National Institutes of Health, Bethesda, Mariland, USA*
- 1990-1996*                    *Frequentato in qualità di studente prima e di medico interno successivamente al 1991, l'Istituto di Medicina Interna sotto la supervisione del prof. Bruno Trimarco, lavorando sulle interazioni tra il sistema nervoso simpatico e la fisiopatologia dell'insulino-resistenza in pazienti con ipertensione arteriosa. In particolare ho studiato gli effetti dell'insulina sulla risposta vascolare in modelli animali e nell'uomo, in condizioni normali o durante ipertensione arteriosa.*
- 7-11-1991*                    *Laurea in Medicina e Chirurgia presso l'Università Federico II di Napoli (Summa cum Laudae)*
- 1991-1995*                    *Corso di Specializzazione in Cardiologia presso l'Università Federico II di Napoli, con documentata attività clinica in reparto di Cardiologia, Terapia Intensiva*

- Cardiochirurgia, Terapia Intensiva Coronaria, Emodinamica e Diagnostica Strumentale*
- 1992 *Iscrizione all'Albo dell'Ordine dei Medici e Chirurghi ed Odontoiatri della provincia di Napoli*
- 25/10/1996 *Specializzazione in Cardiologia presso l'Università Federico II di Napoli (Summa cum Laudae)*
- 5-1996/8-1999 *Ricercatore associato nel laboratorio del prof. Robert J. Lefkowitz, Premio Nobel della Chimica 2012, Department of Medicine, Duke University Medical Center, sotto la direzione del prof. Walter J. Koch, Dept. of Surgery, Duke University Medical Center lavorando sui meccanismi di regolazione dei recettori  $\beta$  adrenergici nel sistema cardiovascolare in modelli animali di patologia. In particolare, ho studiato il ruolo delle G protein coupled receptor kinases nel controllo della funzione cardiaca. Inoltre, ho studiato i meccanismi dei recettori associati a G protein per regolare la proliferazione delle cellule muscolari lisce del vaso, in vitro ed in vivo.*
- 5-1996 *Corso di formazione per l'accesso e la manipolazione di animali di piccola taglia (ratti e topi) presso il centro di stabulazione CCIF della Duke University, Durham, North Carolina, USA*
- 10-1996/9-2000 *Dottorando di Ricerca in Fisiopatologia Cardiovascolare presso l'Università di Roma "Torvergata", con attività clinica a scopo di ricerca condotta presso l'Unità di Terapia Intensiva Coronarica del Secondo Policlinico di Napoli, Diretta dal Prof. Bruno Trimarco*
- 9-1999/8-2001 *Borsista Telethon presso il Dipartimento di Medicina Clinica e Scienze Cardiovascolari ed Immunologiche, Università Federico II di Napoli*

14-3-2001 *Titolo di Dottore di Ricerca in Fisiopatologia Cardiovascolare*

### *Curriculum Accademico*

Luglio-agosto 2000 *Consulente presso il Duke University Medical Institute per la realizzazione di tecniche di terapia genica endovascolare mediante catetere in modelli suini di stenosi coronarica*

1-11-2002 *Ricercatore Universitario in Medicina Interna presso il Dipartimento di Medicina Clinica Scienze Cardiovascolari ed Immunologiche, Università Federico II di Napoli*

2-9-2010 *Idoneità a Professore Associato presso l'Università di Milano, settore disciplinare Med/09 (Medicina Interna)*

28/01/2011 *Ricercatore Universitario in Medicina Interna presso il l'Università di Salerno*

1/11/2011 *Professore Associato di Medicina Interna presso l'Università di Salerno, Dipartimento di Medicina e Chirurgia*

Gennaio 2012 *Membro del Comitato Tecnico Scientifico presso l'Università di Salerno per la gestione del finanziamento "Creazione di un Centro di Tecnologie Integrate della Salute CETIS" (PON\_REC 254; PONa3\_00138)*

06/2012-12-2013 *Coordinatore Del Master "Medicina Traslazionale- Ricerca e Innovazione in Scienze della Salute", Università di Salerno (PON\_REC 254; PONa3\_00138)*

Agosto 2011-Luglio 2012 *Contratto di Collaborazione Dipartimento di Medicina Clinica, Scienze Cardiovascolari ed Immunologiche, Università Federico II di Napoli*

Luglio 2012-2015 *Contratto di Collaborazione IRCCS Multimedica Milano*

9/2012-8/2013 *Contratto di Collaborazione Dipartimento di Medicina Clinica, Scienze Cardiovascolari ed Immunologiche, Università Federico II di Napoli, per la direzione della*

*ricerca sul signaling GRK dipendente in modelli animali di patologia neurodegenerativa*

*Gennaio 2014-2017*

*Contratto di Consulenza Scientifica con l'Istituto "Medicina Futura"*

*2015-2018*

*Membro della commissione paritetica tra il Dipartimento di Farmacia e il Dipartimento di Medicina, Chirurgia e Odontoiatria per la gestione condivisa dello Stabulario Di Animali di Piccola Taglia, Università di Salerno*

*Febbraio 2015-*

*Coordinatore dell'Osservatorio Per le Cure Domiciliari, ASL Salerno,*

*Giugno 2016-*

*Direttore Organismo Preposto al Benessere Animale, Laboratorio Animali di Media Taglia (LAMETa), Università di Salerno*

*2017-2018*

*Membro della Commissione Scientifica della Collana di Pubblicazioni di Ateneo, Università di Salerno*

*1 Dicembre 2018*

*Professore Ordinario di Scienze e Tecniche Mediche Applicate, Dipartimento di Scienze Biomediche Avanzate, Università Federico II di Napoli*

### ***Premi e Borse di Studio***

*1989*

*Borsa di studio per la frequenza dell'Università Cattolica di Lovanio, Brussell, Belgio, nell'ambito del Progetto ERASMUS della Comunità Economica Europea*

*1990*

*Missione finanziata dal Dipartimento di Biologia e Patologia Cellulare e Molecolare "Luigi Califano" dell'Università di Napoli, diretto dal prof. Gaetano Salvatore per la frequenza del Laboratorio del prof. Hayden G. Coon, NCI, NIH*

- 1991-1995 *Borsa di Studio del Ministero dell'Università per la frequenza delle Scuole di Specializzazione in Cardiologia*
- 1995 *Borsa di Studio Salvatore Campus della Società Italiana dell'Ipertensione Arteriosa per ricerche da svolgersi in prestigiosi laboratori esteri.*
- 1996 *Borsa di Studio del programma di scambi internazionali tra l'Università Federico II ed Università ed Istituti stranieri per la mobilità di breve durata di docenti e ricercatori.*
- 1996 *Young Investigator Travel Award della International Society of Hypertension*
- 1996 *Borsa di Studio per la frequenza di corsi o attività di perfezionamento all'estero*
- 1996-1997 *Borsa di Studio Fulbright della Commissione per gli Scambi Culturali fra l'Italia e gli Stati Uniti*
- 1997 *Borsa di studio del programma di scambi internazionali per la mobilità di breve durata del Consiglio Nazionale delle Ricerche*
- 1997 *Borsa di Studio della NATO in collaborazione con il Consiglio Nazionale delle Ricerche da usufruirsi presso Istituti nell'ambito dei Paesi della NATO*
- 1998 *Borsa di Studio del Consiglio Nazionale delle Ricerche da usufruirsi presso Istituti o Laboratori esteri, Scienze Biologiche e Mediche*
- 7-1997/6-1999 *Borsa di Studio dell'American Heart Association Filiale della Carolina del Nord.*

- 9-1999/8-2001 *Borsa di Studio Telethon per il rientro di ricercatori italiani all'estero*
- 2000 *Vincitore del premio Giovani Ricercatori della Università di Napoli "Federico II"*
- 2001 *Vincitore del premio Giovani Ricercatori della Società Italiana dell'Ipertensione Arteriosa*
- 2002 e 2004 *Vincitore del premio "Pfizer Doxazosin Award"*
- 2010 *Vincitore del Premio di Ricerca della Società Italiana dell'Ipertensione Arteriosa*
- Sett. 2010 *Fellow della Società Europea di Cardiologia*

***Titolare dei seguenti Finanziamenti per la ricerca:***

- Ministero dell'Università e Ricerca; PRIN 2004 (€ 75,000 per 2 anni), Coordinatore di Unità*
- Società Italiana Ipertensione Arteriosa 2004 (€ 5,000), 2006 (€5,000), Pfizer, Doxazosin International Award 2002 (€13000)*
- Pfizer, Doxazosin International Award 2004 (€13000)*
- Regione Campania, LR 5 annualità 2003 (€19000), 2005 (€20000), Responsabile di Unità*
- Ministero dell'Università e Ricerca; PRIN 2007 (€ 75,000 per 2 anni), Ministero della Salute/Regione Campania, annualità 2007 (€ 45000 anno per 2 anni)*
- Ministero dell'Università e Ricerca; PRIN 2009 (€90.000 per 2 anni) Coordinatore Nazionale*
- Società Italiana della Ipertensione Arteriosa, fondi di supporto alla Ricerca, €50.000, annualità 2011-2012*
- Ministero dell'Università e Ricerca, Bando PON\_REC 254; PONa3\_00138 "Realizzazione di un Centro di Tecnologie Integrate per la Salute" Università di Salerno*

*Commissione Europea, programma quadro 7 (FP7): “Progetto Pilota Beyond Silos”  
2014-2017, 302.000€*

*ADD Protection; Regione Campania, Bando Innovazione 2015; 91.000€*

*Consorzio Campania Bioscience, Progetto 9; €200.000*

*Progetto POR MOVIE Rete delle Biotecnologie della Regione Campania 24.000€*

*Commissione Europea, Horizon 2020; PROEMPOWER; 2016-2020 25.000€*

*Ministero Istruzione, Università Ricerca Scientifica, BANDO PRIN 2015 70000€*

*Ministero della Salute – Programma di Rete 2016, NET-201602361805 1230000€*

*Ministero Istruzione Università e Ricerca Scientifica, Bando PRIN 2017 (coordinatore)  
250000€*

*Amicus Therapeutix: Mitochondrial alterations in Animal Models of Fabry Diseases  
80.000€*

*Responsabile di oltre 20 progetti di ricerca su animali di piccola taglia (topi e ratti) presso  
gli stabulari di animali di piccola taglia dell’Università di Napoli Federico II  
(Dipartimento di Medicina Traslationale) e Salerno (Dipartimento di Farmacia)*

**Revisore per le seguenti riviste internazionali:**

*American Heart Journal; Atherosclerosis; British Journal of Pharmacology; Circulation;  
Circulation Research, Diabetologia; Hypertension, Proceedings of the National  
Academy of Science, USA, Heart; Nutrition, Metabolism and Cardiovascular Disease;  
Journal of Cardiovascular Medicine; Cardiovascular Research*

**Revisore di grant per le seguenti società nazionali ed internazionali:**

*Ministero della Salute della Repubblica Italiana*

*Società Italiana Ipertensione Arteriosa*

*United States- Israel Binational Foundation (BSF)*

*Ministero dell’Istruzione Università e Ricerca della Repubblica Italiana*

*Ministero Austriaco della Ricerca Scientifica FCT, I.P. - Fundação para a Ciência e  
Tecnologia, Portogallo*

*Università di Verona*

*Ministero della Ricerca della Lituania*

*Agenzia della Ricerca Nazionale Francese (ARN)*

**Commissione di Valutazioni Ministeriali**



*Membro della commissione per le Study Session per il Bando AIFA 2018*

*Membro della commissione del Ministero della Salute per la Valutazione degli Istituti di Ricovero e Cura a carattere scientifico 2019*

***Membro delle seguenti Società Scientifiche, Nazionali ed Internazionali***

*American Heart Association;*

*European Society of Cardiology;*

*Heart Failure Association of the ESC*

*European Association for the Study of Diabetes*

*Nucleus Member of the Working Group on Myocardial Function, European Society of Cardiology*

*Società Italiana dell'Ipertensione Arteriosa*

*Società Italiana di Ricerche Cardiovascolari*

*Società Italiana di Ricerche Traslazionali e Professioni Sanitarie*

***Membro dei seguenti Editorial Board di Riviste Internazionali***

*Journal of Cardiovascular Medicine*

*International Scholarly Research Network (ISRN) Cardiology*

*Translational Medicine@UNISA*

*European Journal of Heart Failure*

*Frontiers in Cardiovascular Medicine-Hypertension*

*International Journal of Molecular Science*

## Curriculum Didattico

- 20-24/11/2000 *Docente, Master: "La gestione del paziente iperteso: dalla scelta terapeutica all'organizzazione del follow-up"; Società Italiana dell'Ipertensione Arteriosa*
- 2000-01 *Collaborazione al Corso Integrato di Medicina Interna 1, Facoltà di Medicina e Chirurgia, Corso di Laurea in Medicina e Chirurgia, Università Federico II di Napoli*
- 2001-02 *Collaborazione al Corso Integrato di Medicina Interna, Facoltà di Medicina e Chirurgia, Corso di Laurea in Odontoiatria, Università Federico II di Napoli*
- 2000-ad oggi *Docente, Attività Didattica Elettiva "Terapia Genica in Medicina Interna", Facoltà di Medicina e Chirurgia, Corso di Laurea in Medicina e Chirurgia, Università Federico II di Napoli*
- 11/2002- 1/2011 *Ricercatore Universitario confermato presso il Dipartimento di Medicina Clinica Scienze Cardiovascolari ed Immunologiche dell'Università Federico II di Napoli, incaricato della didattica frontale, integrativa e della formazione per il tirocinio pre-laurea nel corso di laurea in Medicina e Chirurgia.*
- 11/2002- 1/2011 *Professore Aggregato, Medicina Interna, Corso di Laurea in Dietistica*
- 2/2003; 5/2003 *Docente, Master: "intensive educational program on hypertension VALOR"; Società Italiana dell'Ipertensione Arteriosa*
- 2004-2005 *Docente, Stage della Società Italiana Ipertensione Arteriosa, "Advanced Educational Stage in Hypertension"*

- 6-29 Giugno 2005 *Docente, Corso Teorico-pratico di diagnostica ultrasonografica vascolare*
- Aprile-Maggio 2006 *Corso teorico-pratico di aggiornamento: Adeguatezza prescrittiva nelle emergenze cardiovascolari*
- Aprile-Maggio 2006 *Corso aggiornamento: Adeguatezza prescrittiva nelle emergenze cardiovascolari per specialisti in cardiologia*
- Aprile-Maggio 2006 *Corso teorico-pratico di aggiornamento: Linee Guida per la Prevenzione delle Malattie Cardiovascolari*
- Novembre-Dicembre 2008 *Corso aggiornamento: Adeguatezza prescrittiva nelle emergenze cardiovascolari per specialisti in cardiologia*
- Gennaio 2009-dicembre 2011 *Tutor dottoressa Daniela Sorriento al XII ciclo di dottorato di ricerca in Medicina Clinica e Sperimentale*
- 25-05-2011 *Docente, II Corso di Perfezionamento in “Medicina Materno Fetale”, Dipartimento di Scienze della Riproduzione, Università Federico II di Napoli*
- 28/1/2011: *Ricercatore Universitario in Medicina Interna presso il Dipartimento di Medicina e Chirurgia dell’Università di Salerno*
- 09-2011 *Docente: Master interuniversitario in Ipertensione Arteriosa, Università Federico II di Napoli*
- 1/11/2011: *Professore Associato in Medicina Interna presso l’Università di Salerno*
- 2010-2012 *Coordinatore del 3° anno secondo semestre, Corso di Laurea Magistrale in medicina e Chirurgia, Università di Salerno*
- 25-05-2012 *Docente, III Corso di Perfezionamento in “Medicina Materno Fetale”, Dipartimento di Scienze della Riproduzione, Università Federico II di Napoli*

- Maggio-giugno 2012*      *Docente Master PON HILIFE in Cosmetologia (PON 01\_01499)*
- Giugno-dicembre 2013*      *Docente: Master Tecnologie Integrate per la Salute, Università di Salerno PON Rec 254*
- 2014-2016*      *Coordinatore del Corso Integrato “Medicina Interna e Chirurgia Generale” Corso di Laurea in Medicina e Chirurgia, Università di Salerno*
- 2015-2018*      *Coordinatore del Corso Integrato “Emergenze Medico Chirurgiche, Corso di Laurea in Medicina e Chirurgia Corso di Laurea in Medicina e Chirurgia Università di Salerno*
- 2016-2018*      *Coordinatore del Corso Integrato “Medicina Interna e Farmacologia”, Corso di Laurea in Medicina e Chirurgia,*

## **Curriculum Assistenziale**

Dicembre 2002 a 28.1.2011 Dirigente Medico in servizio presso il Dipartimento di Medicina Interna, Geriatria, Patologia Cardiovascolare ed Immunitaria e Cardiochirurgia, Azienda Ospedaliera Universitaria Federico II, Area Funzionale di Unità Coronarica e Ambulatorio Ipertensione

Marzo 2004 a 28.1.2011 Responsabile dell'Ambulatorio "D" per la Diagnosi e Cura dell'Ipertensione Arteriosa, Area Funzionale di Unità Coronarica e Ambulatorio Ipertensione

Febbraio 2011 novembre 2013 Responsabile dell'ambulatorio internistico "Gestione del rischio materno fetale in pazienti con ipertensione in gravidanza" presso l'Azienda Ospedaliera Universitaria "Secondo Policlinico" di Napoli

Marzo 2011 ad oggi: Responsabile del Programma Didattico Assistenziale: "Prevenzione di eventi vascolari cerebrali e cardiaci in una popolazione ad alto rischio aterotrombotico" presso l'Azienda Ospedaliera San Giovanni di Dio, Ruggi di Aragona di Salerno

Giugno 2011 ad oggi: Responsabile dell'Ambulatorio "Ipertensione arteriosa, pregresso infarto e gestosi" presso l'Azienda Ospedaliera San Giovanni di Dio, Ruggi di Aragona di Salerno

Incarico del Direttore dell'Ospedale "San Giovanni di Dio e Ruggi d'Aragona" di Salerno al coordinamento delle attività di Supporto (Commitment B3) per la Candidatura Regionale a Reference Site nel ambito "European Innovation Partnership: Active and Healthy Aging" della Commissione Europea.

Responsabile del Programma Didattico Assistenziale "Attività Fisica Adattata per la prevenzione degli eventi acuti in patologie croniche"

Direttore Ambulatorio di Prescrizione di Attività fisica avanzata presso il Centro di Medicina dello Sport, Azienda Ospedaliera Universitaria Federico II

## ***Elenco delle pubblicazioni prodotte***

Lista delle pubblicazioni Peer Reviewed del professor Guido Iaccarino

Author ID: 7006496283

<http://orcid.org/0000-0002-8997-835X>

H Index, Scopus: 46

H index, Google scholar 54; (38 dal 2014)

1. Sorriento D, Gambardella J, Fiordelisi A, Iaccarino G and Illario M. GRKs and beta-Arrestins: "Gatekeepers" of Mitochondrial Function in the Failing Heart. *Front Pharmacol*. 2019;10:64.
2. Russo M, Guida F, Paparo L, Trinchese G, Aitoro R, Avagliano C, Fiordelisi A, Napolitano F, Mercurio V, Sala V, Li M, Sorriento D, Ciccarelli M, Ghigo A, Hirsch E, Bianco R, Iaccarino G, Abete P, Bonaduce D, Calignano A, Berni Canani R and Tocchetti CG. The novel butyrate derivative phenylalanine-butylamide protects from doxorubicin-induced cardiotoxicity. *European journal of heart failure*. 2019;21:519-528.
3. O'Caomh R, Gao Y, Svendrovski A, Illario M, Iaccarino G, Yavuz BB, Kehoe PG and Molloy DW. Effect of Visit-to-Visit Blood Pressure Variability on Cognitive and Functional Decline in Mild to Moderate Alzheimer's Disease. *J Alzheimers Dis*. 2019;68:1499-1510.
4. Iavarone A, Carpinelli Mazzi M, Russo G, D'Anna F, Peluso S, Mazzeo P, De Luca V, De Michele G, Iaccarino G, Abete P, Milan G, Garofalo E, Musella C, O'Caomh R, Molloy W, De Joanna G, Manzo V, Ambra FI, Postiglione A, Illario M and Working G. The Italian version of the quick mild cognitive impairment (Qmci-I) screen: normative study on 307 healthy subjects. *Aging Clin Exp Res*. 2019;31:353-360.
5. Fiordelisi A, Iaccarino G, Morisco C, Coscioni E and Sorriento D. NFkappaB is a Key Player in the Crosstalk between Inflammation and Cardiovascular Diseases. *Int J Mol Sci*. 2019;20.
6. Cipolletta E, Gambardella J, Fiordelisi A, Del Giudice C, Di Vaia E, Ciccarelli M, Sala M, Campiglia P, Coscioni E, Trimarco B, Sorriento D and Iaccarino G. Antidiabetic and Cardioprotective Effects of Pharmacological Inhibition of GRK2 in db/db Mice. *Int J Mol Sci*. 2019;20.
7. Visco V, Finelli R, Pascale AV, Mazzeo P, Ragosa N, Trimarco V, Illario M, Ciccarelli M and Iaccarino G. Difficult-to-control hypertension: identification of clinical predictors and use of ICT-based integrated care to facilitate blood pressure control. *Journal of human hypertension*. 2018.
8. Sorriento D, Santulli G, Ciccarelli M, Maione AS, Illario M, Trimarco B and Iaccarino G. The Amino-Terminal Domain of GRK5 Inhibits Cardiac Hypertrophy through the Regulation of Calcium-Calmodulin Dependent Transcription Factors. *Int J Mol Sci*. 2018;19.
9. Sorriento D, De Luca N, Trimarco B and Iaccarino G. The Antioxidant Therapy: New Insights in the Treatment of Hypertension. *Frontiers in physiology*. 2018;9:258.
10. Pecoraro M, Ciccarelli M, Fiordelisi A, Iaccarino G, Pinto A and Popolo A. Diazoxide Improves Mitochondrial Connexin 43 Expression in a Mouse Model of Doxorubicin-Induced Cardiotoxicity. *Int J Mol Sci*. 2018;19.
11. Pascale V, Finelli R, Giannotti R, Coscioni E, Izzo R, Rozza F, Caputo D, Moscato P, Iaccarino G and Ciccarelli M. Cardiac eccentric remodeling in patients with rheumatoid arthritis. *Sci Rep*. 2018;8:5867.
12. Pascale AV, Finelli R, Giannotti R, Visco V, Fabbriatore D, Matula I, Mazzeo P, Ragosa N, Massari A, Izzo R, Coscioni E, Illario M, Ciccarelli M, Trimarco B and Iaccarino G. Vitamin D, parathyroid hormone and cardiovascular risk: the good, the bad and the ugly. *J Cardiovasc Med (Hagerstown)*. 2018;19:62-66.
13. Maack C, Lehrke M, Backs J, Heinzl FR, Hulot JS, Marx N, Paulus WJ, Rossignol P, Taegtmeyer H, Bauersachs J, Bayes-Genis A, Brutsaert D, Bugger H, Clarke K, Cosentino F, De Keulenaer

- G, Dei Cas A, Gonzalez A, Huelsmann M, Iaccarino G, Lunde IG, Lyon AR, Pollesello P, Rena G, Riksen NP, Rosano G, Staels B, van Laake LW, Wanner C, Farmakis D, Filippatos G, Ruschitzka F, Seferovic P, de Boer RA and Heymans S. Heart failure and diabetes: metabolic alterations and therapeutic interventions: a state-of-the-art review from the Translational Research Committee of the Heart Failure Association-European Society of Cardiology. *European heart journal*. 2018;39:4243-4254.
14. Iaccarino G, De Rosa M and Trimarco B. Thyroid function predicts increased cardiovascular risk. *Int J Cardiol*. 2018;254:338-339.
  15. Gambardella J, Trimarco B, Iaccarino G and Santulli G. New Insights in Cardiac Calcium Handling and Excitation-Contraction Coupling. *Adv Exp Med Biol*. 2018;1067:373-385.
  16. Gambardella J, De Rosa M, Sorriento D, Prevete N, Fiordelisi A, Ciccarelli M, Trimarco B, De Luca N and Iaccarino G. Parathyroid Hormone Causes Endothelial Dysfunction by Inducing Mitochondrial ROS and Specific Oxidative Signal Transduction Modifications. *Oxid Med Cell Longev*. 2018;2018:9582319.
  17. Gambardella J, Ciccarelli M, Del Giudice C, Fiordelisi A, De Rosa M, Sala M, Pacelli R, Campiglia P, Trimarco B, Iaccarino G and Sorriento D. A Novel Small Peptide Inhibitor of NFkappaB, RH10, Blocks Oxidative Stress-Dependent Phenotypes in Cancer. *Oxid Med Cell Longev*. 2018;2018:5801807.
  18. Franco A, Sorriento D, Gambardella J, Pacelli R, Prevete N, Procaccini C, Matarese G, Trimarco B, Iaccarino G and Ciccarelli M. GRK2 moderates the acute mitochondrial damage to ionizing radiation exposure by promoting mitochondrial fission/fusion. *Cell Death Discov*. 2018;4:25.
  19. Cano A, Dargent G, Carriazo A, Lopez-Samaniego L, Apostolo J, Campos E, Holland C, Varela-Nieto I, Luz Sanchez-Sanchez M, Illario M, Iaccarino G, Roller RE, Goossens E, Vollenbroek-Hutten M, Pais S, Schena F, Musian D, Alvino S, Maggio M, Liotta G, Ussai S, Orfila F, O'Caomh R, Paul C, Pazzi S, Romano V and Obbia P. Tackling frailty and functional decline: Background of the action group A3 of the European innovation partnership for active and healthy ageing. *Maturitas*. 2018;115:69-73.
  20. Visco V, Finelli R, Pascale AV, Giannotti R, Fabbriatore D, Ragosa N, Ciccarelli M and Iaccarino G. Larger Blood Pressure Reduction by Fixed-Dose Compared to Free Dose Combination Therapy of ACE Inhibitor and Calcium Antagonist in Hypertensive Patients. *Translational medicine @ UniSa*. 2017;16:17-23.
  21. Sorriento D, Gambardella J, Fiordelisi A, Trimarco B, Ciccarelli M, Iaccarino G and Santulli G. Mechanistic Role of Kinases in the Regulation of Mitochondrial Fitness. *Adv Exp Med Biol*. 2017;982:521-528.
  22. Pignataro P, Pezone L, Di Gioia G, Franco D, Iaccarino G, Iolascon A, Ciccarelli M and Capasso M. Association Study Between Coronary Artery Disease and rs1333049 Polymorphism at 9p21.3 Locus in Italian Population. *Journal of cardiovascular translational research*. 2017;10:455-458.
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## Elenco delle Relazioni a Congresso su Invito

1. MYOCARDIAL G-PROTEN-COUPLED RECEPTOR KINASES: IMPLICATION FOR CARDIOVASCULAR THERAPY. Guido Iaccarino 2nd Young Investigators Initiative Meeting; European Society of Hypertension. Amsterdam, 12-13 June 1998.
2. LOW SODIUM DIET INCREASES  $\beta$ ARK1 EXPRESSION AND ACTIVITY IN RAT HEART AND AORTA. Guido Iaccarino Young Investigators' Reception, American Heart Association's Council of Arteriosclerosis, Thrombosis, and Vascular Biology. Atlanta, (Georgia), November 6, 1999

3.  *$\beta$  ADRENERGIC RECEPTOR SIGNALING IN THE HYPERTENSIVE HEART; 2nd Joint Meeting of The Turkish and Italian Societies of Hypertension, Antalya, Turkey, April 2000*
4. *IPERTENSIONE ARTERIOSA: LA RICERCA SCIENTIFICA NELL'ANNO 2000; Colle Val D'Elsa, Pisa; 1/3-07-2000*
5. *I RECETTORI  $\beta$  ADRENERGICI ED I FARMACI  $\beta$  BLOCCANTI: DALLE OSSERVAZIONI SPERIMENTALI ALLA PRATICA CLINICA; Funzione ventricolare sinistra: certezze e prospettive; Associazione Regionale Cardiologi Ambulatoriali; 29/30 settembre 2000*
6. *MECCANISMI DI DANNO CARDIACO NELL'IPERTENSIONE ARTERIOSA; Ipertensione Arteriosa e Fattori di rischio cardiovascolare; Scuole a Confronto; Brescia, 11 ottobre 2000*
7. *SYMPATHETIC NERVOUS SYSTEM AND HEART FUNCTION; Functional Approach to metabolic and vascular disorders in hypertension; Università di Bari, 28 ottobre 2000*
8. *L'APPROCCIO MOLECOLARE ALLO STUDIO DELLA FISIOLOGIA VASCOLARE: TERAPIA GENICA VASCOLARE : 61° Congresso della Società italiana di Cardiologia, Roma 16-21 dicembre, 2000*
9. *LA TERAPIA GENICA IN CARDIOLOGIA; Convegno Regionale: La cardiologia nel Territorio, Associazione Regionale Cardiologi Ambulatoriali; Telesse (BN) 30-31 marzo 2001*
10. *CHRONIC HEART FAILURE IN THE ELDERLY: STAGES IN THE EVOLUTION OF CHRONIC HEART FAILURE; THE ENDOTHELIAL BORDER; Fondazione Salvatore Maugeri Istituto di Campoli/Telesse; 14-16 giugno 2001*
11. *I  $\beta$  ADRENOCETTORI CARDIACI. Gruppo di Studio della Società Italiana di Cardiologia sullo Scompenso Cardiaco. Napoli, 29-30 giugno 2001*
12. *I FARMACI BETA BLOCCANTI NELLA TERAPIA DELL'IPERTENSIONE ARTERIOSA; Forum: Sistema Nervoso Simpatico ed Ipertensione Arteriosa; Napoli, 20 ottobre 2001*
13. *RUOLO DEL CALCIO NELLA FISIOLOGIA DEL MIOCARDIO. Controversie in Patologia Cardiovascolare, Napoli 10-11 maggio 2002*
14. *APPLICAZIONE DEI GRANDI STUDI DI SOPRAVVIVENZA AL PAZIENTE IPERTESO: GLI ANTIPERTENSIVI NON SONO TUTTI UGUALI. in "LA SCELTA INIZIALE DELLA TERAPIA ANTIPERTENSIVA", Palermo 21 giugno 2003*
15. *GENETICA DELL'IPERTENSIONE E DEL DANNO D'ORGANO AD ESSA CORRELATO IN "INTENSIVE EDUCATIONAL PROGRAM IN HYPERTENSION VALOR", Napoli, 5-7 maggio 2003*
16. *SIGNAL TRANSDUCTION AND AGE-RELATED ENDOTHELIAL DYSFUNCTION; INTERNATIONAL MEETING ON AGING AND CARDIOVASCULAR RESEARCH, Napoli, June 16-17, 2003*
17. *Endothelial dysfunction and heart failure: what is the role of the beta adrenergic receptor; INTERNATIONAL WORKSHOP: A FOCUS ON HEART FAILURE: FROM THE MOLECULAR MECHANISMS TO THE RATIONALE FOR NEW STRATEGIES OF CLINICAL APPROACH. Sorrento (Italy) October 1-3, 2004*
18. *VASCULAR BETA2-ADRENERGIC SIGNALING: ROLE IN HYPERTENSION; CARDIAC AND VASCULAR BETA-ADRENERGIC SIGNALING: NEW MECHANISTIC PARADIGMS; CARDIOVASCULAR SEMINARS of the American Heart Association Scientific Sessions 2004, New Orleans, November 08, 2004*
19. *THE ENDOTHELIAL BETA ADRENERGIC RECEPTOR: NEW GAMES FOR AND OLD PLAYER; Seminaire Mensuel du Groupe de Recherche Cardiologique, Faculte de Medecine – Universite Catholique de Louvain; Bruxelles, 15 dicembre 2004*
20. *GENETICA DELL'IPERTENSIONE ARTERIOSA; 6° CONGRESSO NAZIONALE Associazione Regionale Cardiologi Ambulatoriali; Roma, 23 Aprile 2005*
21. *HEART FAILURE AS A CELLULAR DISEASE; UPDATE ON CARDIOVASCULAR DISEASE 2005; Città della Scienza, Napoli, 23 giugno 2005*
22. *NOVEL APPROACHES TO THE TREATMENT OF HEART FAILURE - TARGETING OF GRK2 IN CARDIAC G PROTEIN-COUPLED RECEPTOR KINASES: NOVEL TARGETS IN THE PATHPHYSIOLOGY OF HEART FAILURE; European Society of Cardiology Congress 2005, Stockholm sept-1-8 2005*

23. **TARGETING GRK2 IN HUMAN HEART FAILURE**; 3rd James Black Conference: "Pharmacological insights and therapeutic targets in Heart Failure", British Society of Pharmacology; Christ Church College; Oxford; UK; 18-20th september 2005.
24. **TARGETING GRK2 IN HUMAN HEART FAILURE: the long way from bench to bedside**, SANOFI-AVENTIS Industries, Frankfurt, Germany, 10 may 2006
25. **GRK function beyond desensitization, GRK5 and EC transcription** **CARDIOVASCULAR SEMINARS** of the American Heart Association Scientific Sessions 2006; Chicago, Illinois
26. **Heart and Brain: from myocardial dysfunction to stroke risk**; International Society of Heart Research Congress, Frontier Symposium; Bologna, 23/06/2007:
27. **Role of CaMKs in the vasculature.** **CARDIOVASCULAR SEMINARS** of the American Heart Association Scientific Sessions 2007, Orlando, Florida.
28. **UPDATE IN MOLECULAR CARDIOVASCULAR MEDICINE**; Aula Magna "Gaetano Salvatore" II policlinico di Napoli; via Pansini 5 marzo 2007
29. **GRKs beyond GPCR desensitization. Second Annual Summer Meeting of the WG7 of the European Society of Cardiology**; Anacapri, 23-25 maggio 2008
30. **GRK2 and glucose homeostasis**; **CARDIOVASCULAR SEMINARS** of the American Heart Association Scientific Sessions 2008, New Orleans, USA.
31. **Endothelium and the beta adrenergic receptor signaling**; Cardiovascular Seminars **CARDIOVASCULAR SEMINARS** of the American Heart Association Scientific Sessions 2009, Orlando (Florida), USA.
32. **Fisiopatologia dello Scompenso Cardiaco tra Passato, Presente e Futuro. UPDATE sullo Scompenso Cardiaco, Riunione Scientifiche Regionali della Società Italiana di Cardiologia**, Napoli, 25 ottobre 2011
33. **GRK2 Beyond Receptor Desensitization. CardioNetwork 2012**, Pozzili, Venafro, 2-3 Febbraio 2012:
34. **Beta adrenergic receptor polymorphism Athens 2012**
35. **GRK signaling in cardiovascular diseases Athens 2012**
36. **Endothelial beta 2 adrenergic receptor: a new trick for an old dog. Departmental Seminar at the Biophysics Department GSI HelmholtzzentrumfürSchwerionenforschung**; Darmstadt, Germany, may 25 2012
37. **Corso Perfezionamento Martinelli**
38. **8-13 giugno 2014; FASEB Science Research Congress in Steamboat Spring, Colorado, G Protein-coupled Receptor Kinases: From Molecules to Diseases**
39. **19 dicembre 2016, 77° Congresso della Società Italiana di Cardiologia, Il signaling adrenergico nello scompenso cardiaco e nell'aging cardiovascolare**
40. **24 aprile 2017; American Society Of Pharmacology And Experimental Therapeutics, symposium at the annual meeting at experimental biology, chicago (usa), cardiovascular GRKS in heart disease: looking for a "magic bullet" to treat all kinds of heart "pains"**
41. **6 ottobre 2017: Congresso Nazionale SIIA 2017, Milano. Simposio: Acido Urico e Oltre: Meccanismi Molecolari del Danno Vascolare.**
42. **7 novembre 2017 Imola, Congresso Nazionale Società Italiana delle Ricerche Cardiovascolari: Symposium : Novel insights in Hypertrophy and Failure: A GRK metamorphose: the role of GRK2 in cardiovascular physiology from the endothelium point of view**
43. **29 settembre 2018; Roma, Congresso Nazionale SIIA: ARGOMENTI CALDI NELLA RICERCA SIIA Innovazione della biologia molecolare**
44. **21 giugno 2019; Roma; First National Meeting S.I.R.T.E.P.S NEW MECHANISTIC INSIGHTS INTO THE DEVELOPMENT AND TREATMENT OF CARDIOVASCULAR DISEASES: Adrenergic Molecular Regulation In Cardiovascular Diseases**