



Salerno, 5/7/2016

**RE: Nucleus Vacancies in the Council of Hypertension**

Respectable Members of the Selection Committee for Candidate to the nucleus of the Council of Hypertension of the European Society of Cardiology,

with this letter, I present my candidature to the Nucleus of the Council of Hypertension.

My interest in the field on hypertension goes back to 1989, when I was training as a MD student, when I entered prof. Bruno Trimarco's group. I worked on the pathophysiology of the cardiovascular system for my thesis, and since then my scientific focus has been the adrenergic mechanisms of regulation of the vascular tone and cardiac function. My group demonstrated the role of the endothelial beta adrenergic receptor in the regulation of vascular insulin responses; from that pivotal evidence we described the relevance of the beta adrenergic receptor at the endothelial level in the control of vascular resistance, nitric oxide production, angiogenesis, EPC biology, and production of catecholamines from the endothelium itself. We also identified the signaling alterations responsible of adrenergic endothelial dysfunction observed in hypertension. My interest in the field brought me to join of the activities of the Working Group of Myocardial Function of the European Society of Cardiology, where I served as a nucleus member from 2005 to 2012.

In February 2011 I moved to the University of Salerno, Italy. The Hypertension Outpatient Clinic I direct at the University of Salerno (IAPIG) has enrolled since November 2012 over 1500 patients, using electronic Chart record (eCR) that support clinical, instrumental and biochemical assessments of these patients. The same eCR is shared with the territorial physicians and general practitioners using web based ICT platform to ensure continuity of care.

The use of technological innovations has helped the IAPIG to rapidly grow as leader in the area for the management of hypertensive patients and the associated conditions. I also served as Regional Coordinator of the Italian Society on Hypertension from 2013 to 2015.



UNIVERSITA' DEGLI STUDI DI SALERNO  
**Dipartimento di Medicina e Chirurgia**  
**"SCUOLA MEDICA SALERNITANA"**  
Via S. Allende-84081 Baronissi (SA)

The Reference Site of Regione Campania of the European Innovative Partnership on Active and Healthy Aging (EIP-AHA) has acknowledged this expertise and supports my activities as Regional Coordinator of the B3 Action Group on Integrated Care of the EIP-AHA. This role is pivotal to represent to the European Commission the regional perspectives when shaping the future European scenarios in the management of chronic conditions, including hypertension.

I believe that the Council of Hypertension is the appropriate arena where promoting an European vision for the future "hypertensivologist": trained in research, expert in clinic, open to new interventions and technologies, and with a clear vision on the social features and impacts of managing a condition that affects populations, not just patients.

For the above reasons I candidate myself for a position within the Nucleus of the Council on Hypertension.

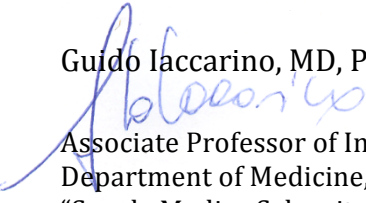
I hope that you will find my curriculum suitable for this position,

Looking forward to hearing from you soon,

I remain.

Sincerely,

Guido Iaccarino, MD, PhD, FESC

  
Associate Professor of Internal Medicine  
Department of Medicine, Surgery and Odontoiatrics,  
"Scuola Medica Salernitana"

Giaccarino@unisa.it

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Guido Iaccarino, MD, PhD, FESC  
Associate Professor of Internal Medicine  
giaccarino@unisa.it

**Guido Iaccarino, MD, PhD**  
*Associate Professor of Internal Medicine*

**Professional Address:**

*Department of Medicine, Surgery and Odontoiatrics "Scuola Medica Salernitana",  
University of Salerno  
Via Salvador Allende – 84081 – Baronissi (SA) Italy  
Tel. +39089965021*

**Home Address**

*Via Battistello Caracciolo 34 - -80136 – Napoli, Italy*

**Date of Birth:** *march 5th, 1967*

**Marital Status:** *Married, 3 children*

**Curriculum Studiorum:**

**7-11-1991** Medical Degree at the "Federico II" University, Napoli, (Summa cum Laudae)

**1991-1995** Residency in Cardiology at the Department of Cardiology and Cardiovascular Surgery, Federico II University of Naples

**24-10-1995** Resident, School of Cardiology, Federico II University, Napoli (Summa cum Laudae)

**5-1996 to 8/1999** Assistant Researcher; Laboratory of Robert J. Lefkowitz, Dept. of Medicine, Duke University Medical Center in collaboration with Walter J. Koch, Dept. of Surgery, Duke University Medical Center **Major:** I studied the regulation of the cardiac  $\beta$ AR signaling in models of cardiac dysfunction. The focus of the researches was on the role of G protein coupled receptor kinases in the determinism of cardiac contractility. **Second major:** mechanisms of G protein coupled receptor regulation of vascular smooth muscle cells proliferation in vitro and in vivo.

**9-1999/8-2001** Telethon Fellow at the Dipartimento di Medicina Clinica e Scienze Cardiovascolari ed Immunologiche, Università

**14 –3-2001** PhD in Cardiovascular Physiology and Pathology, Tor Vergata University of Rome, Italy

**1-11-2002** Ricercatore Universitario (Assistant Professor) of Internal Medicine, Department of Medicina Clinica Scienze Cardiovascolari ed Immunologiche, Federico II University of Naples

**1-10-2007** Awarded tenure by the Italian Ministry of University

**2-9-2010** Board for Associate Professorship

**1-11-2011** Associate Professor of Internal Medicine

**Fellowships and Awards**

**1996** Abroad Adjournment Fellowship from the Federico II University, Naples, Italy

**1996** Salvatore Campus Fellowship Award of the Italian Society of Hypertension for researches on high blood pressure.

**1997** Joint Fellowship from the Italian National Council of Research and NATO

**1998** Fellowship from Italian National Council of Research

**1997-1999** American Heart Association, North Carolina Associate Fellowship

**1999-2001** Telethon Researcher Fellowship

**2000** Federico II University Young Investigator Award

**2001** Italian Society of Hypertension Young Investigator Award

**2002** "Pfizer Doxazosin Award 2001"

**2004** "Pfizer Doxazosin Award 2003"

**2010** Fellow of the European Society of Cardiology

**Grants**

*Ministero della Salute, 2007, (€ 70.000)*

*Ministero dell'Università e Ricerca Scientifica, PRIN 2009 (€279.000)*

*Ministero dell'Università e Ricerca Scientifica, PRIN 2007 (€120.000)*

*Ministero dell'Università e Ricerca; PRIN 2004 (€ 75,000)*

*Regione Campania, 2006 (€30000)*

*Società Italiana Iperensione 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)*  
*MIUR/PONREC 254/18 may 2011 PONa3\_00138/11.4m€*  
*FP7-CIP Beyond Silos 621069 (567.000€) 2015-2017*  
*Pon Rec Campania Bioscience Prog.8 (210.000€) (2014-2016)*  
*Pon Rec Campania Innovazione (140.000€)*

**Reviewer for the following Journals**

*American Heart Journal; Atherosclerosis; Circulation; Hypertension; Circulation Research; European Journal of Heart Failure; British Journal of Pharmacology; Journal of Cardiovascular Pharmacology; Proceedings of the National Academy of Science, USA; Acta Sinica Pharmacologica, Heart, Nutrition, Metabolism and Cardiovascular Disease; Journal of Cardiovascular Medicine; Journal of Cardiovascular Medicine, Naunyn-Schneiderberg Archives of Pharmacology*

**Editorial Board**

*Journal of Cardiovascular Medicine*  
*Frontiers in Cardiovascular Physiology*  
*Translational Medicine @UNISA*  
*European Journal of Heart Failure*

**Grant Revision for the following agencies:**

*Ministero Italiano della Istruzione, Università e Ricerca*  
*Ministero Italiano della Salute della Repubblica Italiana*  
*Società Italiana Ipertensione Arteriosa*  
*United States-Israel Binational Foundation (BSF)*  
*Austrian National Science Foundation*  
*South African Science Foundation*  
*French CNR*

**Member of the following societies:**

*American Heart Association; American Society of Pharmacology and Experimental Therapeutics, European Society of Cardiology; Heart Failure Association of the European Society of Cardiology; Italian Society of Cardiology; Società Italiana dell'Ipertensione Arteriosa; Società Italiana di Ecografia Cardiaca;*

**Board of Scientific Societies**

*Member of the Working Group on Myocardial Function of the European Society of Cardiology*  
*Board of European Telemedicine Health Network*  
*Committee on Translational Research of the Heart Failure Association*