

Elections to EACVI Board and Sections 2016-2018

**Application for the
position: Nucleus
Member of CMR WG**



1. Your Identity

Title: Dr

Family Name(s): Masci

First Name(s): Pier Giorgio

Birth Date: 02/03/1974

Type of address: Business

**Institute/Organization:
Cardiac MR Centre –
Lausanne University Hospital**

Department: Cardiology Division / Heart & Vessels Department

**Address: Rue de Bugnon 46
BH-09-792**

Post Code/Zip: CH-1011

City: Lausanne

Country: Switzerland

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2. General Curriculum Vitae (300 words max)

Current Position

- MD, PhD, Centre for Cardiovascular Magnetic Resonance, Division of Cardiology – Lausanne University Hospital – Lausanne – Switzerland

Education

- Degree in Medicine and Surgery, University of L'Aquila (grade 110/110 with Honours); September 1999.
- Specialization Diploma in Cardiology at University of L'Aquila (grade 50/50 with Honours); December 2003.
- PhD in Biomedical Sciences – University of Leuven (Belgium); 26 May 2015 (thesis title: Advanced Imaging of Myocardial Infarction by Cardiac Magnetic Resonance)

Training and Working Experiences

- Internship as Cardiology Registrar at Internal Medicine Unit – University of L'Aquila and research on systemic arterial hypertension (*Prof. A. Santucci*); June 1999 to December 2001.
 - Internship as cardiology fellow at London Chest Hospital (London, UK) (*Dr. Peter Mills*); January 2002 to March 2002
 - Training in Clinical and Interventional cardiology at G. Mazzini General Hospital – Teramo- Italy (tertiary referral centre for cardiovascular disease; *Dr. V. Di Luzio*); April 2002 to April 2004.
 - Research Fellow at Cardiology Department of St George's Hospital Medical School – University of London (U.K.). Clinical Research on coronary microvasculature and endothelial function (*Prof. J.C. Kaski*). Training on echocardiography and tissue Doppler imaging (*Prof. G.R. Sutherland*); June 2004 to February 2005.
 - Fellow in Interventional Cardiology at Ferraroto Hospital – University of Catania (*Prof. C. Tamburino and Prof. A.R. Galassi*); March 2005 – November 2005
 - Temporary contract as cardiology consultant at Cardiology Division of Santa Corona Hospital – Savona; January 2006 to September 2006
 - Clinical and Research Fellow in Cardiovascular Magnetic Resonance at Catholic University Leuven (Belgium) - Gasthuisberg University Hospital (*Prof J. Bogaert & Prof FE Rademakers*); October 2006 to October 2007
 - Researcher at Institute of Clinical Physiology – National Research Council – Pisa (*Dr. M. Lombardi*); November 2007 to April 2008
 - Cardiology Consultant at Cardiovascular Magnetic Resonance Unit Fondazione CNR/Regione Toscana 'G.Monasterio' – Pisa (*Dr. Massimo Lombardi*)
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Prizes & Awards

- 2007 – Grant of European Society Cardiology for Research in Advanced Cardiac Imaging at University of Leuven - Belgium (1 year duration)
 - 2010 – Best Abstract Presentation at EuroCMR congress (part of European Society of Cardiology), Florence – Italy
 - 2016 – best Case presentation at EuroCMR Congress (part of European Society of Cardiology), Florence - Italy
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Scientific Profile

- More than 70 invitations as speaker or chairman at National and International Meetings
 - More than 100 abstracts accepted in National and International Congresses
 - Reviewer for several peer-reviewed journals: European Heart Journal, European Heart Journal Cardiovascular Imaging, PlosOne, Circulation Cardiovascular Imaging, International Journal of Cardiovascular Imaging, European Radiology
 - Member of Scientific Committee of SCMR/EuroCMR 2015
 - Mentorship for students preparing Medical Degree or PhD thesis at University of Pisa (Pisa - Italy) and at Scuola Superiore S. Anna (Pisa - Italy).
 - Principal Investigator of Research Project sponsored by Swiss National Foundation of Sciences (project number 32003B_159727/ ClinicalGov: NCT02591927) entitled 'Reappraisal of glucose-insulin-potassium therapy in acute st-segment elevation myocardial infarction by pre-hospital administration (REAGIK-STEMI)'
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Experience In Cardiovascular Imaging

- Cardiovascular Magnetic Resonance (10 years experience; ~400 reports per year)
 - Transthoracic echocardiography (13 years experience)
 - Transesophageal echocardiography (100 exams)
 - Cardiac Nuclear Medicine (3 months training course; basic training certificate)
 - Cardiac Computed Tomography (3 months training course; basic knowledge)
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3. Previous experience(s) in the EACVI or ESC or your National Bodies?

- **Member of CMR Working Group of ESC since 2008**
- **Nucleus Member of CMR Working Group of Italian Society of Cardiology (2014-2016)**

4. Are you a Board or Nucleus Member of another scientific organisation? If Yes, please specify

NO

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5. Publications (please list 10 max)

1. **Masci PG**, Dymarkowski S, Rademakers FE, Bogaert J. Determination of regional ejection fraction in patients with myocardial infarction by using merged late gadolinium enhancement and cine MR: feasibility study. *Radiology* 2009;250(1):50-60.
2. **Masci PG**, Ganame J, Strata E, Desmet W, Aquaro GD, Dymarkowski S, Velenti V, Janssens S, Lombardi M, van de Werf F, L'Abbate A, Bogaert J. Myocardial Salvage by CMR Correlates with LV remodelling and early ST-segment resolution in Acute Myocardial Infarction. *JACC Cardiovasc Imaging*.2010;3:45-41.
3. **Masci PG**, Marinelli M, Piacenti M, Lorenzoni V, Positano V, Lombardi M, L'Abbate A, Neglia D. Myocardial structural, perfusion, and metabolic correlates of left bundle branch block mechanical derangement in patients with dilated cardiomyopathy: a tagged cardiac magnetic resonance and positron emission tomography study. *Circ Cardiovasc Imaging*. 2010;3:482-90.
4. **Masci PG**, Francone M, Desmet W, Ganame J, Todiere G, Donato R, Siciliano V, Carbone I, Mangia M, Strata E, Catalano C, Lombardi M, Agati L, Janssens S, Bogaert J. Right ventricular ischemic injury in patients with acute ST-segment elevation myocardial infarction: characterization with cardiovascular magnetic resonance. *Circulation*. 2010;122:1405-12
5. **Masci PG**, Ganame J, Francone M, Desmet W, Lorenzoni V, Iacucci I, Barison A, Carbone I, Lombardi M, Agati L, Janssens S, Bogaert J. Relationship between location and size of myocardial infarction and their reciprocal influences on post-infarction left ventricular remodelling. *Eur Heart J*. 2011;32:1640-8
6. **Masci PG**, Schuurman R, Barison A, Ripoli A, Coceani M, Chiappino S, Todiere G, Srebot V, Passino C, Aquaro GD; Emdin M, Lombardi M. Myocardial fibrosis as a Key Determinant of Left Ventricular Remodeling in Idiopathic Dilated Cardiomyopathy. *Circ Cardiovasc Imaging*. 2013;6:790-799.
7. **Masci PG**, Doulaptsis C, Bertella E, Del Torto A, Symons R, Pontone G, Barison A, Droogné W, Andreini D, Lorenzoni V, Gripari P, Mushtaq S, Emdin M, Bogaert J, Lombardi M. The Incremental Prognostic Value of Myocardial Fibrosis in Patients With Non-Ischemic Cardiomyopathy Without Congestive Heart Failure. *Circ Heart Fail*. 2014;7:448-56
8. Todiere G, Aquaro GD, Piaggi P, Formisano F, Barison A, **Masci PG**, Strata E, Bacigalupo L, Marzilli M, Pingitore A, Lombardi M. Progression of myocardial fibrosis assessed with cardiac magnetic resonance in hypertrophic cardiomyopathy. *J Am Coll Cardiol* 2012; ;60(10):922-9
9. Symons R, **Masci PG**, Goetschalckx K, Doulaptsis K, Janssens S, Bogaert J. Effect of Infarct Severity on Regional and Global Left Ventricular Remodeling in Patients with Successfully Reperfused ST Segment Elevation Myocardial Infarction. *Radiology*. 2014 Sep 10:132746.
10. Symons R, **Masci PG**, Francone M, Claus P, Barison A, Carbone I, Agati L, Galea N, Janssens S, Bogaert J. Impact of active smoking on myocardial infarction severity in reperfused ST-segment elevation myocardial infarction patients: the smoker's paradox revisited. *Eur Heart J*. 2016 Jan 24. pii: ehv738. [Epub ahead of print]
*The first 2 authors contributed equally to the paper

6. Received Hirsch Index : Year 2016 / Index 15 (Scopus)

Source Scopus –15.09.2016

Total citation since 2002: 682

Citation 2015: 137

7. Received Impact Factor(s) : Year 2016/ IF

Not found in Scopus neither in other web-resources

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8. Why are you interested in joining the EACVI Board (150 words max)?

I am interested in contributing to the growth of EACVI-CMR working group by providing my work and expertise in the field of CMR and cardiovascular imaging in general. I have been in the field of CMR since 2006 and I was involved in several scientific meetings and research activities, learning how to contribute fruitfully to diverse educational and scientific tasks. If I am elected as nucleus member, I will join the group in a productive and enthusiastic manner by helping the more experienced members in their activities as well as in proposing novel ideas for improving the WG team spirit and the WG scientific and educational duties. I do believe that my profile is of interest for this position not only in view of my expertise in the field but also for my interest to be seriously engaged in EACVI. In this sense, I am willing to create fertile connections among the diverse 'souls' of EACVI – ESC family.