



## Elections to EACVI Board 2020-2022

Application for the position

EACVI Councillor (Cardiovascular Magnetic Resonance)

1. Your Identity	
Title	M.D., Ph.D.
Family Name(s)	Rodriguez-Palomares
First Name(s)	Jose
Birth Date	April 11th, 1974
Type of address	Business <input checked="" type="checkbox"/> Home <input type="checkbox"/>
Institute/Organisation	Hospital General Universitario Vall Hebrón
Department	Cardiology
Address	Passeig de la Vall Hebrón, 119-129
Post Code/Zip	08035
City	Barcelona
Country	Spain



## 2. General Curriculum Vitae (300 words max)

### EDUCATION

- 1) **Degree in Medicine and Surgery.** Miguel Hernández University (Alicante. Spain). 1992-98. Final Qualification: A+ (9.4/10). Extraordinary Award Bachelor of Medicine.
- 2) Training: Resident in cardiology from July-99 to July-2004. Place of training: Vall d'Hebron Hospital (Barcelona. Spain).
- 3) **Research Fellow** at the Department of MRI and Cardiac CT at Northwestern Memorial Hospital. (Chicago. Illinois. USA) 2006-2007.
- 4) Doctorate Courses in Internal Medicine: Universidad Autónoma de Barcelona (UAB). **Philosophiae Doctor (Ph.D.)** 2016 by the UAB with the qualification of "Excelent-cum laude". I evaluated the role of CMR in acute myocardial infarction and left ventricular remodelling.
- 5) **Master of Research Methodology:** Research design and statistical analysis. Universidad Autónoma de Barcelona (UAB). 2004-2008.
- 6) **Master's in health management and Administration** at Universitat de Barcelona (UB) 2020.

### PROFESSIONAL EXPERIENCE

- 1) Attending Physician at the Cardiology Department of Vall Hebrón Hospital: **2003-2006 and 2007-Present.**

I am attached at the **Imaging Unit** and involved in echocardiography, cardiovascular-MR and cardiac CT. Since August 2018, I am the **Head of the Cardiovascular Imaging Department, Inherited Cardiomyopathies (CSUR) and Aortic Diseases.**

- 2) **Associate professor** of Medicine at the Universidad Autónoma de Barcelona (UAB).





### **TEACHING ACTIVITY**

- 1) Involved in the **CMR and CT training** of International fellows at our institution (2007-present).
- 2) ***Co-director*** of the annual Vall Hebron imaging course (this year will be the 40<sup>th</sup> edition) and **director** of the Symposium in cardiac CT and CMR.
- 3) Director of Ph. D. students at Vall Hebron Hospital. I am currently directing 5 Ph.D. students who are doing their thesis in the CMR field.
- 4) Director of Master on Cardiac-Magnetic Resonance. Campus SEIC-CTO. Accredited by the University Francisco de Vitoria (Madrid).

### 3. Previous experience(s) in the EACVI or ESC or your National Bodies?

- 1) Coordinator of the Spanish working group of CMR and cardiac-CT of the Spanish Society of Cardiology (2014-2016).
- 2) Member of the Education Committee of the EACVI 2016-2018.
- 3) Abstract Chair CMR2018 Meeting (Joint Session EuroCMR and SCMR). 31st January – 3th February, 2018, Barcelona.
- 4) Program Chair EuroCMR 2019 Meeting. Venice, May 2-4th 2019.
- 5) Abstract Chair EACVI 2020. Barcelona, December 2020.

### 4. Are you a Board or Nucleus Member of another scientific organisation?

Yes  No

If Yes, please specify:

Member of the **Board of Accreditation in CMR** by the CMR Section of the EACVI (2014-until present).

Member of the **Board of the CMR Laboratory Accreditation** of the CMR Section of the EACVI (2019-present).

**President of the Association of valvular and aortic diseases** of the Spanish Society of Cardiology (2019-present)

Elected **Nucleus Member of the Working Group of Aortic** and pheripheral diseases of the ESC (2018-present).

Member of the **SCMR Clinical Practice committee** chaired by Michael Elliott and the **SCMR Registry Committee** chaired by Orlando Simonetti 2020-2024.

**5. Publications (please list max 10 of your most important publications)**

1. **JF Rodriguez-Palomares**, T Edvarsen. AG Almeida, SE Petersen. Euro-CMR 2019 Highlights. **Eur Heart J Cardiovasc Imaging**. 2020 Feb 1;21(2):127-131.
2. A Guala, **José F. Rodríguez-Palomares**, Lydia Dux-Santoy, Gisela Teixidó Turà, Giuliana Maldonado, Laura Galian , Marina Huguet , Filipa Valente , Laura Gutiérrez , María Teresa González-Alujas , Kevin M. Johnson , Oliver Wieben , Augusto Sao-Avilés , David García-Dorado , Arturo Evangelista. Influence of aortic dilation in the regional aortic stiffness of bicuspid aortic valve assessed by 4D-flow CMR: comparison with Marfan syndrome and degenerative aortic aneurysm. **JACC Cardiovasc Imaging**. 2019 Jun ;12(6):1020-1029
3. Gavara J, **Rodríguez-Palomares JF**, Valente F, Monmeneu JV, Lopez-Lereu MP, Bonanad C, Ferreira-Gonzalez I, Garcia Del Blanco B, Rodriguez-Garcia J, Mutuberria M, de Dios E, Rios-Navarro C, Perez-Sole N, Racugno P, Paya A, Minana G, Canoves J, Pellicer M, Lopez-Fornas FJ, Barrabes J, Evangelista A, Nunez J, Chorro FJ, Garcia-Dorado D, Bodi V. Prognostic Value of Strain by Tissue Tracking Cardiac Magnetic Resonance After ST-Segment Elevation Myocardial Infarction. **JACC Cardiovasc Imaging**. 2018 Oct;11(10):1448-1457
4. Dux-Santoy L, Guala A, Sotelo J, Uribe S, Teixidó-Turà G, Ruiz-Muñoz A, Hurtado D, Valente F, Galian L, Gutiérrez L, González-Alujas T, Johnson KM, Wieben O, Ferreira-González I, Evangelista A, **Rodríguez-Palomares JF**. Low and oscillatory wall shear stress is not related to aortic dilation in bicuspid aortic valve patients: a 4D flow MRI study. **Arterioscler Thromb Vasc Biol**. 2019 Dec 5: ATVBHAHA119313636. doi: 10.1161/ATVBHAHA.119.313636
5. A. Guala, Gisela Teixido-Tura, L. Dux-Santoy, C. Granato, Aroa Ruiz-Muñoz; F. Valente; L. Galian-Gay; L. Gutiérrez, T. González-Alujas, K.M. Johnson, Oliver Wieben, Augusto Sao Avilés; A. Evangelista, **J Rodríguez-Palomares**. Decreased rotational flow and circumferential wall shear stress as early markers of descending aorta dilation in Marfan syndrome: a 4D flow CMR study. **J Cardiovasc Magn Reson**. 2019 Oct 14;21(1):63. doi: 10.1186/s12968-019-0572-1.
6. **José F. Rodríguez-Palomares**, Jose Gavara , Ignacio Ferreira-Gonzalez , Filipa Valente , Cesar Rios-Navarro , Julian Rodriguez-Garcia , Clara Bonanad , Bruno Garcia del Blanco , Gema Miñana , Maria Mutuberria , Julio Nuñez , Jose Barrabes Riu , Arturo Evangelista Masip , Vicente Bodi. Prognostic value of initial left ventricular remodeling in patients with reperfused STEMI. **JACC Cardiovasc Imaging**. 2019 Dec;12(12):2445-2456.
7. Guala A, **Rodríguez-Palomares JF**, Galian-Gay L, Teixidó-Tura G, Johnson K, Wieben O, Sao Avilés A, Evangelista. A. Partial Aortic Valve Leaflet Fusion Is Related to Deleterious Alteration of Proximal Aorta Hemodynamics. A 4-Dimensional Flow Magnetic Resonance Imaging Study. **Circulation**. 2019; 139:2707–2709.



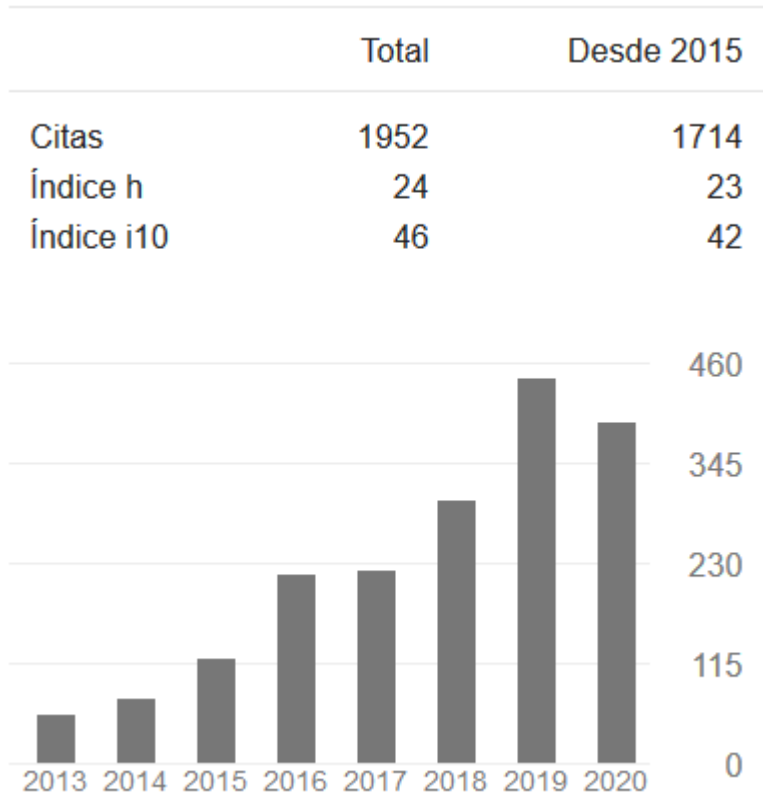


8. Dux-Santoy L, Guala A, Teixidó-Tura G, Ruiz-Muñoz A, Maldonado G, Villalva N, Galian L, Valente F, Gutiérrez L, González-Alujas MT, Sao Aviles A, Johnson K, Wieben O, Huguet M, García-Dorado D, Evangelista A, **Rodríguez-Palomares JF**. Increased rotational flow in the proximal aortic arch is associated with its dilation in bicuspid aortic valve disease. **Eur Heart J Cardiovasc Imaging**. 2019 Mar 28. pii: jez046. doi: 10.1093/ehjci/jez046.
9. Guala A, Teixidó-Tura G, **Rodríguez-Palomares J**, Muñoz-Ruiz A, Dux-Santoy L, Villalva N, Granato C, Galian L, Gutiérrez L, González-Alujas T, Sanchez V, Forteza A, García-Dorado D, Evangelista A. Proximal aorta longitudinal strain predicts aortic root dilation rate and aortic events in Marfan syndrome. **Eur Heart J** 2019. Eur Heart J. 2019 Apr 11. pii: ehz191. doi: 10.1093/eurheartj/ehz191
10. Teixido-Tura G, Forteza A, **Rodríguez-Palomares J**, González Mirelis J, Gutiérrez L, Sánchez V, Ibáñez B, García-Dorado D, Evangelista A. Losartan Versus Atenolol for Prevention of Aortic Dilation in Patients With Marfan Syndrome. **J Am Coll Cardiol**. 2018 Oct 2;72(14):1613-1618. doi: 10.1016/j.jacc.2018.07.052





## 6. Hirsch Index to date, by Web of Science





## 7. Why are you interested in joining the EACVI Board (300 words max)?

Since I finished my training in advanced cardiac imaging in 2007, my main motivation has been to promote the use of these techniques, especially CMR, in cardiovascular diseases.

I contributed to CMR development from different areas. On the one hand, through the continuous training of our fellows, the supervision of our doctoral students and the organization of training courses and conferences. My commitment to EACVI has already been demonstrated through my involvement in the organization of different EuroCMR meetings (as abstract and program chair).

I have also promoted and facilitated the relationship between various specialties such as cardiologists, radiologists, technicians, research nurses and engineers. The development of CMR in the 21st century cannot be understood without the collaboration of all these specialties, as we have promoted in our center. Strengthening these alliances is one of the main challenges for the future of the cardiac imaging in Europe.

Boosting CMR research and collaboration between different centers is also challenging and will be necessary for the development of big data analysis which will empower the clinical results. Research must always be aimed at solving our patients' problems, optimizing their management, and improving their prognosis.

Finally, it is also crucial to expand the clinical excellence in CMR by increasing the specialists accreditation and also the accreditation of our centers. Thus, we can ensure the quality of care that we provide to our patients.

Therefore, if I am part of the EACVI CRM board, I would strive to maintain and disseminate these values from all these different fields such as education, advocacy, networking, research and clinical excellence.