

Elections to the Board 2014-2016

**Application for
the position: vice
Chair of the ECHO
Section of the
EACVI**



1. Your Identity

Title: Pr

Family Name(s): DONAL

First Name(s): Erwan

Birth Date: 19/12/1970

Type of address: Business

**Institute/Organisation: University Hospital of Rennes – University
RENNES 1**

Department: Department of Cardiology – LTSI INSERM u 1099

**Address:
CHU – Hôpital Pontchaillou
rue Le guillou**

Post Code/Zip: 35033

City: RENNES

Country: France

Mobile Phone:

Phone:

Fax:

Elections to the Board 2014-2016

2. General Curriculum Vitae (300 words max)

- 43 years old, MD and PhD working in the cardiology department of the University Hospital of Rennes, in the North West part of France (Brittany).
- I did a fellowship for one year at the Cleveland Clinic Foundation. I worked in the department of cardiovascular imaging with JD Thomas, AL Klein, MG Garcia, R Grimm, Z Popovic and good friends and colleagues from Japan, Korea.
- **I did my PhD with Pr Derumeaux in Lyon; I'm still working with her as well as with Pr Habib, Pr Lafitte and Pr Lancellotti in dedicated research protocols.**
- **I'm FESC and member of the French Society of Cardiology. I'm secretary of the French Association for echocardiography (affiliate to the French society of cardiology)**
- I have been recently involved in the writing of guidelines, including the recommendation for practice of echocardiography in France.
- **I'm the Head of the Echocardiography Laboratory of the Rennes University Hospital (20 000 exams per year) but also implicated in the clinical management of patients having heart valve diseases, cardiomyopathies and heart failure.**
- **I'm in charge of the Echocardiography teaching course for fellows and cardiologist for the west part of France (called Inter university Diploma of echocardiography – common diploma for 5 university of the west part of France)**
- **I'm a member** of a research team: LTSI, INSERM U 1099. A research team including scientists specialized in the treatment of images and signals. We, physicians and scientists, are involved in the same research team. I currently have three PhD students.
- I have been elected 2 years ago as a consillor in the board of the EACVI. I am chair of the committee for research and innovation. I am also member of the **nucleus 'heart failure and preserved ejection fraction' (head: B Pieske) of the HFA.**
- My main interest is :
 - Myocardial function assessment especially using deformation imaging
 - Heart failure, cardiomyopathies and mechanical dyssynchrony. My colleagues are Pr Daubert, Pr Leclercq, Pr Mabo, pioneers in CRT field.
 - Heart valve disease. We have a Heart Valve Clinique and cardiomyopathie Clinique. I am involved in studies studying the myocardial function of patients having aortic stenosis or mitral regurgitation. Most of my recent papers are linked to that topic.

Elections to the Board 2014-2016

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

- 1- I was secretary of the French group of heart failure. I'm secretary of the French group of echocardiography. Both of them are groups of the French Society of Cardiology.
- 2- I've been president of the "french group of the young cardiologists".
- 3- I was member of the EAE I'm fellow of the ESC and HFA-member.
- 4- I'm now member of the EACVI, elected as a consillor in the board of the association. I'm part of the scientific documents committee; I'm part of the scientific committee of the Euroecho-Imaging meeting. I'm chair of the committee for research and innovation.

I have been involved in many teaching projects of the EACVI including textbook and webinars

- 5- I am member of the Nucleus for the Heart Failure and Preserved Ejection Fraction – a group of the Heart Failure Association of the ESC.

Elections to the Board 2014-2016

4. Publications (please list 10 max)

- 1- Brunet-Bernard A, Maréchaux S, Fauchier L, Guiot A, Fournet M, Reynaud A, Schnell F, Leclercq C, Mabo P, Donal E. Combined score using clinical, electrocardiographic, and echocardiographic parameters to predict left ventricular remodeling in patients having had cardiac resynchronization therapy six months earlier. *Am J Cardiol.* 2014 Jun 15;113(12):2045-51.
- 2- Levy F, Donal E, Bière L, Szymanski C, Remadi JP, Flécher E, Fouquet O, Leguerrier A, Tribouilloy C. Hemodynamic performance during exercise of the new St. Jude Trifecta aortic bioprosthesis: results from a French multicenter study. *J Am Soc Echocardiogr.* 2014 Jun;27(6):590-7.
- 3- Bière L, Donal E, Terrien G, Furber A, Martin L, Prunier F. Left ventricular function in a large cohort of pseudoxanthoma elasticum patients. *PLoS One.* 2014 Mar 20;9(3):e90364.
- 4- Bière L, Donal E, Terrien G, Kervio G, Willoteaux S, Furber A, Prunier F. Longitudinal strain is a marker of microvascular obstruction and infarct size in patients with acute ST-segment elevation myocardial infarction. *PLoS One.* 2014 Jan 28;9(1):e86959.
- 5- Schnell F, Donal E, Bernard-Brunet A, Reynaud A, Wilson MG, Thebault C, Ridard C, Mabo P, Carré F. Strain analysis during exercise in patients with left ventricular hypertrophy: impact of etiology. *J Am Soc Echocardiogr.* 2013 Oct;26(10):1163-9.
- 6- Lancellotti P, Magne J, Donal E, O'Connor K, Dulgheru R, Rosca M, Pierard LA. Determinants and prognostic significance of exercise pulmonary hypertension in asymptomatic severe aortic stenosis. *Circulation.* 2012 Aug 14;126(7):851-9.
- 7- Laviolle B, Donal E, Le Maguet P, Lainé F, Bellissant E. Low doses of fludrocortisone and hydrocortisone, alone or in combination, on vascular responsiveness to phenylephrine in healthy volunteers. *Br J Clin Pharmacol.* 2013 Feb;75(2):423-30.
- 8- Masclé S, Schnell F, Thebault C, Corbineau H, Laurent M, Hamonic S, Veillard D, Mabo P, Leguerrier A, Donal E. Predictive value of global longitudinal strain in a surgical population of organic mitral regurgitation. *J Am Soc Echocardiogr.* 2012 Jul;25(7):766-72.
- 9- Thébault C, Donal E, Meunier C, Gervais R, Gerritse B, Gold MR, Abraham WT, Linde C, Daubert JC; REVERSE study group. Sites of left and right ventricular lead implantation and response to cardiac resynchronization therapy observations from the REVERSE trial. *Eur Heart J.* 2012 Nov;33(21):2662-71.
- 10- Lancellotti P, Magne J, Donal E, Davin L, O'Connor K, Rosca M, Szymanski C, Cosyns B, Piérard LA. Clinical outcome in asymptomatic severe aortic stenosis: insights from the new proposed aortic stenosis grading classification. *J Am Coll Cardiol.* 2012 Jan 17;59(3):235-43.

Elections to the Board 2014-2016

5. Received Impact Factor(s) : Year / IF

Year	A	B	C	D	E	NC	Total	Score
2004	0	2	0	3	0	0	5	63
2005	2	1	0	2	3	0	8	112
2006	1	1	0	1	1	0	4	62
2007	1	3	0	2	3	1	10	100
2008	0	1	3	4	4	0	12	115
2009	3	1	4	4	4	0	16	164
2010	3	6	4	3	1	0	17	238
2011	4	4	7	2	3	0	20	276
2012	7	2	4	0	1	0	14	166
2013	4	7	6	3	1	1	22	153
2014	1	4	5	3	0	0	13	140
Total	26	32	33	27	21	2	141	1589



Elections to the Board 2014-2016

6. Received Hirsch Index : Year / Index

Between 2010-2014: total = 1828

H-index = 79.48/year

Elections to the Board 2014-2016

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

I would be pleased to get the position of Vice Chair of the ECHO-Section of the new EACVI. I did involve myself for two years in the current board of the EACVI. I still have the wish to participate in promoting echocardiography and participating in the best use of each of the imaging modalities for cardiovascular diseases. I am the chair of the committee for research and innovation. This is a board that started two years ago, we did a lot but still many projects have to be followed and conducted. Also, the committee has to change to be stronger and better organize for applying to grants like the European grants (Horizon 2020)

Therefore, I have been strongly involved in the EACVI and I would be pleased to continue the adventure.

This application to the EACVI is *an application decided with the Members of the French Association for Echocardiography.*

