

## **Elections to EACVI Board and Sections 2016-2018**

**Application for the  
position:**

**EACVI Board-  
Councillor**



### **1. Your Identity**

**Title: Prof. of Medicine, MD**

**Family Name(s): Bergler-Klein**

**First Name(s): Jutta**

**Birth Date: 22 June 1962**

**Type of address: Business**

**Institute/Organisation: Med. Univ. of Vienna**

**Department: Dept. Of Cardiology, Univ. Clinic of Internal Med. II**

**Address: Waehringer Guertel 18-20**

**Post Code/Zip: 1090**

**City: Vienna**

**Country: Austria**

## **Elections to EACVI Board and Sections 2016-2018**

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

Name	<b>Jutta Bergler-Klein, MD, FESC</b> Professor of Medicine Chair Austrian Echocardiography Working Group Head, Cardiac Outpatients, Dept. of Cardiology, Med. Univ. Vienna Deputy Head, Day Ward, Univ. Clinic Internal Med. II Senior Consultant in Internal Medicine and Cardiology
Citizenship	Austrian
Born	June 22 <sup>nd</sup> 1962, Neuss, Germany 4 children *1992, 1994, 1996, and 2003
Education	Junior High School St. Paul, Minn., USA, student honour society, German High School, Brussels, Belgium, Graduation Math. Gymnasium Baden/Vienna, Austria, with excellent honours
Medical School	University of Vienna, promotion Medical Doctor 1987
Habilitation	Venia Docendi in Internal Medicine, June 20 <sup>th</sup> , 2007
Medical Path	Internship: Uniy. Clinic Großhadern, Munich, Germany Residency Internal Med. and Cardiology, Med. Univ. Clinics Vienna Senior Consultant Dept. of Cardiology (Chief Prof. Gerald Maurer)
Echocardiography:	clinical new applications and scientific research, e.g. with Prof. Helmut Baumgartner, Prof. Philippe Pibarot, Quebec. Teaching courses in echocardiography, e.g. with Prof. Thomas Binder. Examiner, official Echo exams for the Austrian Society of Cardiology. Chair, National Echocardiography Working Group, Austrian Society of Cardiology Deputy Editor of the European Heart Journal Cardiovascular Imaging since 2014.
Nucleus member of the ESC Working Group	Valvular Diseases.
Ethics Committee Member, Medical Univ. of Vienna	since 2014

## Scientific interests:

- Valve disease, special focus on aortic stenosis, low flow, mitral disease.
- Biomarkers, natriuretic peptides (BNP) in valve disease, heart failure, prognosis
- Echocardiography: speckle-tracking strain, new techniques in imaging
- Cardio-Oncology: cooperation with Dept. of Oncology, Med. Univ. Vienna, biomarkers, echo for prognosis in e.g. breast-, renal cell cancer, radiotherapy  
Experimental trials of cardio-toxicity in large animal model, with echocardiography  
Cooperation with St. Anna Childrens Hospital Vienna, follow up of adult survivors of childhood tumours.
- Coronary artery disease, pharmacological post-infarct treatment, multicentre studies local principal investigator

European Medicines Agency (EMA): Scientific committee member, expert reviewer

International reviewer: PhD thesis in Univ. Oslo, Norway,

Habilitation: reviewer Med. Univ. Vienna

Austrian Nationalbank: invited reviewer for the scientific funding .

Other international activities see also below.

- Heart Valve Society, USA, Nucleus member Biomarker Working group
- EACVI Committee member at Congresses (see below)
- International Late Effects of Childhood Cancer Guideline Harmonization Group.
- EACVI Cardio-oncology Registry: PI for center Vienna

## Scientific Awards:

- First “Researcher of the Month” Med. University of Vienna, 2004  
<http://www.meduniwien.ac.at/forschung/wissenschaft-forschung/researcher-of-the-month/archiv.html?Fsize=0>
- Austrian Society of Cardiology Awards 2004 , 2007 and 1991
- Austrian Society of Transplantation Award 2001
- Theodor Billroth Prize Austria 1991
- and others

Reviewer in multiple international scientific journals.

## **Elections to EACVI Board and Sections 2016-2018**

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

- Deputy Editor of the European Heart Journal Cardiovascular Imaging since 2014.
- Chair Austrian Echocardiography Working Group (ongoing) , Vice Chair National Echocardiography Working Group since 2011.
- EACVI Committee member at Congresses.
- ESC Fellow, Faculty member at congresses.
- Nucleus member of the ESC Working Group Valvular Diseases.
- Euro-Valves, Faculty member at congresses
- Nucleus member, Cardiopulmonary Working Group, Austrian Society of Cardiology
- Nucleus member, Task force, Working Group of Gender Medicine, Austrian Society of Cardiology

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

- Heart Valve Society, USA, Nucleus member Biomarker Working group
- Member of Ethics committee Med. Univ. off Vienna
- European medicines agency expert member

## **Elections to EACVI Board and Sections 2016-2018**

### **5. Publications (please list 10 max)**

**Publications:** see <http://www.ncbi.nlm.nih.gov/pubmed?term=Bergler-Klein> and

<http://www.ncbi.nlm.nih.gov/pubmed?term=Klein%20J%20Vienna>

61 publications in PubMed, first-or co-author,

>90 publications

- Consensus paper:

Expert consensus for multi-modality imaging evaluation of cardiovascular complications of radiotherapy in adults: a report from the European Association of Cardiovascular Imaging and the American Society of Echocardiography.

Lancellotti P, Nkomo VT, Badano LP, Bergler-Klein J, Bogaert J, Davin L, Cosyns B, Coucke P, Dulgheru R, Edvardsen T, Gaemperli O, Galderisi M, Griffin B, Heidenreich PA, Nieman K, Plana JC, Port SC, Scherrer-Crosbie M, Schwartz RG, Sebag IA, Voigt JU, Wann S, Yang PC; European Society of Cardiology Working Groups on Nuclear Cardiology and Cardiac Computed Tomography and Cardiovascular Magnetic Resonance; American Society of Nuclear Cardiology; Society for Cardiovascular Magnetic Resonance; Society of Cardiovascular Computed Tomography. *Eur Heart J Cardiovasc Imaging*. 2013 Aug;14(8):721-40

- B-type natriuretic peptide in low-flow, low-gradient aortic stenosis: relationship to hemodynamics and clinical outcome: results from the Multicenter Truly or Pseudo-Severe Aortic Stenosis (TOPAS) study. Bergler-Klein J, Mundigler G, Pibarot P, Burwash IG, Dumesnil JG, Blais C, Fuchs C, Mohty D, Beanlands RS, Hachicha Z, Walter-Publig N, Rader F, Baumgartner H. *Circulation*. 2007 Jun 5;115(22):2848-55

- Natriuretic peptides predict symptom-free survival and postoperative outcome in severe aortic stenosis. Bergler-Klein J, Klaar U, Heger M, Rosenhek R, Mundigler G, Gabriel H, Binder T, Pacher R, Maurer G, Baumgartner H. *Circulation*. 2004 May 18;109(19):2302-8

- Right from the heart: survivors of childhood cancer and the right ventricle. Bergler-Klein J. *Eur Heart J Cardiovasc Imaging*. 2016 Mar 29.

- Cardiotoxic effects of different anthracyclines compared to liposomal doxorubicin in an experimental study with echocardiography and magnetic resonance imaging. Bergler-Klein J, Geier C, Maurer G, Gyongyosi M. *Eur Heart J Cardiovasc Imaging* 2014;15(Suppl. 2 (best abstracts highlight session EuroEcho 2014))

- Role of echocardiography in the evaluation of patients with Staphylococcus aureus bacteraemia: time to look at the heart. Bergler-Klein J. Eur J Echocardiogr 2011; 12(6):411-3
- Global longitudinal strain for predicting outcome after mitral repair or cardiac surgery: here to stay? Bergler-Klein J. Eur Heart J Cardiovasc Imaging 2013; 14(1):12-4
- Right ventricular longitudinal strain for risk stratification in low-flow, low-gradient aortic stenosis with low ejection fraction. Dahou A, Clavel MA, Capoulade R, Bartko PE, Magne J, Mundigler G, Bergler-Klein J, Burwash I, Mascherbauer J, Ribeiro HB, O'Connor K, Baumgartner H, Sénéchal M, Dumesnil JG, Rosenhek R, Mathieu P, Larose E, Rodés-Cabau J, Pibarot P. Heart. 2016 Apr 1;102(7):548-54

## **6. Received Hirsch Index : Year / Index**

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

Impact factor sum for top original papers  
135.337

## **Elections to EACVI Board and Sections 2016-2018**

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

In joining the Board of the EACVI I would like to actively support and promote the further clinical evolution and scientific research of echocardiography and imaging in cardiology.

As Chair of the Austrian Working Group of Echocardiography I have experienced new scientific and clinical developments in the imaging field.

While serving as Deputy Editor of the European Heart Journal of Echocardiography, I have gained further insight into the exciting impacts in imaging.

Echocardiography plays a key role in modern cardiology and decision making in patient treatment. Teaching and education in the field of echocardiography and cardiac imaging are the mainstays of the future.

By working in the EACVI Board, as candidate for Councillor, I would like to actively participate in this exciting and important mission in cardiology.