

Elections to EACVI Board 2018-2020

Application for the position:

**EACVI Councillor (Cardiovascular Magnetic
Resonance)**



1. Your Identity	
Title	Prof. Dr.
Family Name(s)	Schulz-Menger
First Name(s)	Jeanette
Birth Date	August 16th 1962
Institute/Organisation	Charité, medical Faculty Humboldt University and Helios Clinics
Department	Cardiology
City	Berlin
Country	Germany



2. General Curriculum Vitae (300 words max)

J. Schulz-Menger is a cardiologist by training and active in Cardiovascular Magnetic Resonance (CMR) since 1996. She has a significant interest in non-ischemic heart disease and noninvasive hemodynamics. Her interest is research as well as translating the results into clinical practice. Her group is running a high-throughput CMR-center based on dedicated scanner for CMR only - driven by cardiologists. She has a board certification in cardiology followed by board certification dedicated on CMR. Since 2004 she is heading the Working Group CMR at Charité Campus Buch. Furthermore, she established the department Non-Invasive Cardiac Imaging in the clinical environment. For research reasons she established a research outpatient department focusing on cardiomyopathies.

She owns a University-Professorship in Cardiology "Noninvasive Imaging focused on CMR". The research of the group is focused on clinical topics including growing interests in MR-physics. That is based on collaboration with MR scientists world wide. A special interest is research at experimental 7Tesla CMR in human.

She has a high interest in CMR-teaching and education. She was one of the founder and is the scientific director of the University CMR Courses in Berlin. Her group was able to establish a CMR-network throughout Germany. The group has published more than 170 peer reviewed articles.

She is an elected member of the faculty council of the Charite. Dr. Schulz-Menger served on the Board of ISMRM and is a past-president of the SCMR. She has also experience as nucleus-member of the former EuroCMR. She was the chair of the WG CMR of German Society of Cardiology and was able to found a Taskforce dedicated to CMR education as well as to initiate societal paper.

Jeanette Schulz-Menger is originally from Berlin and has a 24y old son. He left home and is studying medicine. She loves theatre, reading books, skiing – and CMR.





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

1. Nucleus Member former EuroCMR (including treasurer)
2. Chair of the Working Group CMR of the German Society of Cardiology until 2016
3. Chair of the Imaging Cluster of the German Society of Cardiology until 2016

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

Yes ☐ No ☒

If Yes, please specify:

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

1. von Knobelsdorff-Brenkenhoff F, Schuler J, Doganguzel S, Dieringer MA, Rudolph A, Greiser A, Kellman P and **Schulz-Menger J**. Detection and Monitoring of Acute Myocarditis Applying Quantitative Cardiovascular Magnetic Resonance. *Circ Cardiovasc Imaging*. 2017;10.
2. Schmachl L, Traber J, Grieben U, Utz W, Dieringer MA, Kellman P, Blaszczyk E, von Knobelsdorff-Brenkenhoff F, Spuler S and **Schulz-Menger J**. Cardiac Involvement in Myotonic Dystrophy Type 2 Patients With Preserved Ejection Fraction: Detection by Cardiovascular Magnetic Resonance. *Circ Cardiovasc Imaging*. 2016;9.
3. Muehlberg F, Funk S, Zange L, von Knobelsdorff-Brenkenhoff F, Blaszczyk E, Schulz A, Ghani S, Reichardt A, Reichardt P, **Schulz-Menger J**. Native myocardial T1 time can predict development of subsequent anthracycline-induced cardiomyopathy. *ESC Heart Fail*. 2018 Apr 19. doi: 10.1002/ehf2.12277. [Epub ahead of print]
4. Trauzeddel RF, Lobe U, Barker AJ, Gelsinger C, Butter C, Markl M, **Schulz-Menger J** and von Knobelsdorff-Brenkenhoff F. Blood flow characteristics in the ascending aorta after TAVI compared to surgical aortic valve replacement. *Int J Cardiovasc Imaging*. 2016;32:461-7.
5. Richau J, Dieringer MA, Traber J, von Knobelsdorff-Brenkenhoff F, Greiser A, Schwenke C and **Schulz-Menger J**. Effects of heart valve prostheses on phase contrast flow measurements in Cardiovascular Magnetic Resonance - a phantom study. *J Cardiovasc Magn Reson*. 2017;19:5.
6. Prothmann M, von Knobelsdorff-Brenkenhoff F, Topper A, Dieringer MA, Shahid E, Graessl A, Rieger J, Lysiak D, Thalhammer C, Huelnhagen T, Kellman P, Niendorf T and **Schulz-Menger J**. High Spatial Resolution Cardiovascular Magnetic Resonance at 7.0 Tesla in Patients with Hypertrophic Cardiomyopathy - First Experiences: Lesson Learned from 7.0 Tesla. *PLoS One*. 2016;11:e0148066.
7. von Knobelsdorff-Brenkenhoff F, Tkachenko V, Winter L, Rieger J, Thalhammer C, Hezel F, Graessl A, Dieringer MA, Niendorf T and **Schulz-Menger J**. Assessment of the right ventricle with cardiovascular magnetic resonance at 7 Tesla. *Journal of cardiovascular magnetic resonance : official journal of the Society for Cardiovascular Magnetic Resonance*. 2013;15:23.
8. Kramer CM, Appelbaum E, Desai MY, Desvigne-Nickens P, DiMarco JP, Friedrich MG, Geller N, Heckler S, Ho CY, Jerosch-Herold M, Ivey EA, Keleti J, Kim DY, Kolm P, Kwong RY, Maron MS, **Schulz-Menger J**, Piechnik S, Watkins H, Weintraub WS, Wu P and Neubauer S. Hypertrophic Cardiomyopathy Registry: The rationale and design of an international, observational study of hypertrophic cardiomyopathy. *Am Heart J*. 2015;170:223-30.
9. **Schulz-Menger J**, Bluemke DA, Bremerich J, Flamm SD, Fogel MA, Friedrich MG, Kim RJ, von Knobelsdorff-Brenkenhoff F, Kramer CM, Pennell DJ, Plein S and Nagel E. Standardized image interpretation and post processing in cardiovascular magnetic resonance: Society for Cardiovascular Magnetic Resonance (SCMR) board of trustees task force on standardized post processing. *Journal of cardiovascular magnetic resonance : official journal of the Society for Cardiovascular Magnetic Resonance*. 2013;15:35.





10. Hendel RC, Friedrich MG, Schulz-Menger J, Zemmrich C, Bengel F, Berman DS, Camici PG, Flamm SD, Le Guludec D, Kim R, Lombardi M, Mahmarian J, Sechtem U and Nagel E. CMR First-Pass Perfusion for Suspected Inducible Myocardial Ischemia. *JACC Cardiovasc Imaging*. 2016;9:1338-1348.

**6. Received Hirsch Index (Year / Index)**

40/2018 (web of science)

40/2018 (scopus)

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

Sum of citation without self-citation 6812

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

As an European cardiologist I have a strong interest in an effective and successful European Society for Cardiology. My focus in clinical work and research is imaging with a research focus on Cardiovascular Magnetic Resonance (CMR). EACVI provides an unique opportunity to join imaging efforts to get the best strategy to improve patients health and to guide medical doctors. In my own clinical environment I have established an department for non-invasive cardiac imaging as the best opportunity to establish effective pathways and to drive new research strategies. But I am also convinced, that CMR has to be an imaging tool in the hand of cardiologists to improve diagnostic capabilities. I can provide and share extensive experience in CMR-education (since 1998) and have experience in societal work in different imaging societies since more than 15 years. I am aware of the amount of work within a body as the EACVI, but I am also convinced, that the joint effort of different European countries and key opinion leader presenting imaging is the only way to spread the message and to influence patients, medical education and health economy.

I have served as a president of the Society for Cardiovascular Magnetic Resonance and it was a great experience to learn about the functionality of dedicated group. The face of EACVI is quite different in terms of members and specialization, but I assume those experience will help me to provide insights and a different view

I am minded to serve in a position to your discretion, but the council itself provides a great opportunity to exchange knowledge and to provide joint guidance.

I would feel delighted to get the chance to serve the EACVI.

