



Elections to EACVI Board 2022-2024

Application for the position: *(Select one position)*

- EACVI President-Elect
- EACVI Treasurer
- EACVI Secretary
- EACVI Councillor (Echocardiography)
- EACVI Councillor (Cardiovascular Magnetic Resonance)
- EACVI Councillor (Nuclear Cardiology & Cardiac CT)
- EACVI Vice-President-Elect (Echocardiography)
- EACVI Vice-President-Elect (Cardiovascular Magnetic Resonance)
- EACVI Vice-President-Elect (Nuclear Cardiology & Cardiac CT)

1. Your Identity

Title	MD, PhD, FESC
Family Name(s)	Liga
First Name(s)	Riccardo
City	Pisa
Country	Italy



2. General Curriculum Vitae (300 words max)

I graduated in Medicine in 2010 at the University of Pisa as a student of the “Sant’Anna School of Advanced Studies”, receiving the certification in Cardiology in 2016 and a PhD in “Clinical pathophysiology” in 2019.

My research activity in Cardiology and Multimodality Cardiac Imaging (mostly SPECT, PET and CT) started in 2008 under the mentorship of leading experts in the field (Dr. Danilo Neglia and Dr. Alessia Gimelli) at the Institute of Clinical Physiology of the Italian National Research Council and the “Fondazione-Toscana Gabriele Monasterio” in Pisa.

I have been a research fellow at the Cyclotron Unit of the Hammersmith Hospital (Imperial College, London; 2009) guided by Prof. PG Camici, and at the Department of Nuclear Medicine (cardiac SPECT, PET and CT) of the University Hospital of Zurich (2014-2015) under the mentorship of Prof. PA Kaufmann, where I conducted the first multicentre multi-device hybrid imaging study (SPECT/CT and PET/CT) of CAD (EVINCI-Hybrid Sub-study).

Current position:

Cardiologist at the University Hospital of Pisa: co-head of the “Heart failure and Cardiomyopathy” outpatient service.

Researcher at the University of Pisa, recently obtaining the national scientific qualification as Associate Professor of Cardiology.

EACVI activity:

I have been involved in the EACVI activities as a member of the Heart Imagers of tomorrow Committee (2016-2020) and of the Certification and accreditation sub-committees (CT and Nuclear; ongoing). I am EACVI certified in TTE.

I have a considerable experience in clinical research on cardiovascular disease and cardiac imaging (nuclear, CT, multimodality imaging), also participating to international research projects such as the EVINCI-Study (FP7-CP-FP506 2007; Co-PI of the Hybrid imaging CoreLab), EURECA registry (EORP approved; Scientific Committee Member), and SMARTool (H2020-PHC-30-2015).

Editorial activities:

Deputy Editor of “European Heart Journal – Case Reports”

Associate Editor of “Frontiers in Cardiovascular Medicine – Cardiovascular Imaging”

Member of the Editorial Board of “Imaging”



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

EACVI committee member:

Heart Imagers of Tomorrow: 2016-2020 (Chair: Dr. Matteo Cameli)

Certification and Accreditation: Nuclear cardiology Sub-committee 2020-2022
(Chair: Dr. R. Buechel)

Certification and Accreditation: Cardiac CT Sub-committee 2020-2022 (Chair:
Prof. M. Dweck)

Other ESC/EACVI activities:

Fellow of the European Society of Cardiology (FESC)

Past EACVI Ambassador for Italy of the "Heart Imagers of Tomorrow" (HIT)
program

Italian Society of Cardiology

Secretary of the working group of "Hypertension, Prevention and Peripheral
Circulation" of the Italian Society of Cardiology

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

Yes No

If Yes, please specify:

Councillor of the regional section "Sezione Tosco-
Umbra) of the Italian Society of Cardiology

5. Selected publications (please list 10 max)



<p>1. Liga R, Neglia D, Kusch A, Favilli B, Giorgetti A, Gimelli A. Prognostic Role of Dynamic CZT Imaging in CAD Patients: Interaction Between Absolute Flow and CAD Burden. <i>JACC Cardiovasc Imaging</i>. 2022 Mar;15(3):540-542. doi: 10.1016/j.jcmg.2021.09.030.</p>
<p>2. Gimelli A, Liga R, Agostini D, Bengel FM, Ernst S, Hyafil F, Saraste A, Scholte AJHA, Verberne HJ, Verschure DO, Slart RHJA. The role of myocardial innervation imaging in different clinical scenarios: an expert document of the European Association of Cardiovascular Imaging and Cardiovascular Committee of the European Association of Nuclear Medicine. <i>Eur Heart J Cardiovasc Imaging</i>. 2021 Apr 28;22(5):480-490. doi: 10.1093/ehjci/jeab007.</p>
<p>3. Liga R, Neglia D, Cavaleri S, Grasso E, Giorgetti A, Gimelli A. Prognostic impact of patients' management based on anatomic/functional phenotype: a study in patients with chronic coronary syndromes. <i>J Nucl Cardiol</i>. 2022 Aug 8. doi: 10.1007/s12350-022-03070-w.</p>
<p>4. Neglia D, Liga R, Caselli C, Carpeggiani C, Lorenzoni V, Sicari R, Lombardi M, Gaemperli O, Kaufmann PA, Scholte AJHA, Underwood SR, Knuuti J; EVINCI Study Investigators. Anatomical and functional coronary imaging to predict long-term outcome in patients with suspected coronary artery disease: the EVINCI-outcome study. <i>Eur Heart J Cardiovasc Imaging</i>. 2020 Oct 20;21(11):1273-1282. doi: 10.1093/ehjci/jez248.</p>
<p>5. Liga R, Vontobel J, Rovai D, et al.; EVINCI Study Investigators. Multicentre multi-device hybrid imaging study of coronary artery disease: results from the EVAluation of INtegrated Cardiac Imaging for the Detection and Characterization of Ischaemic Heart Disease (EVINCI) hybrid imaging population. <i>Eur Heart J Cardiovasc Imaging</i>. 2016 Sep;17(9):951-60. doi: 10.1093/ehjci/jew038.</p>
<p>6. Anagnostopoulos CD, Siogkas PK, Liga R, Benetos G, Maaniitty T, Sakellarios AI, Koutagiar I, Karakitsios I, Papafaklis MI, Berti V, Sciagrà R, Scholte AJHA, Michalis LK, Gaemperli O, Kaufmann PA, Pelosi G, Parodi O, Knuuti J, Fotiadis DI, Neglia D. Characterization of functionally significant coronary artery disease by a coronary computed tomography angiography-based index: a comparison with positron emission tomography. <i>Eur Heart J Cardiovasc Imaging</i>. 2019 Aug 1;20(8):897-905. doi: 10.1093/ehjci/jey199.</p>
<p>7. Liga R, Gimelli A, De Carlo M, Marzullo P, Pedrinelli R, Petronio AS. Cardiac sympathetic dysfunction in left ventricular hypertrophy caused by arterial hypertension and degenerative aortic stenosis. <i>J Nucl Cardiol</i>. 2022 Feb;29(1):337-347. doi: 10.1007/s12350-020-02250-w.</p>
<p>8. Gimelli A, Liga R, Pasanisi EM, Giorgetti A, Marras G, Favilli B, Marzullo P. Evaluation of left ventricular diastolic function with a dedicated cadmium-zinc-telluride cardiac camera: comparison with Doppler echocardiography. <i>Eur Heart J Cardiovasc Imaging</i>. 2014 Sep;15(9):972-9. doi: 10.1093/ehjci/jeu037.</p>
<p>9. Liga R, Marini C, Coceani M, Filidei E, Schlueter M, Bianchi M, Rossi G, Pardini S, Salvadori P, Parodi O, Rovai D, Sambuceti G, Marraccini P, Neglia D. Structural abnormalities of the coronary arterial wall--in addition to luminal narrowing--affect myocardial blood flow reserve. <i>J Nucl Med</i>. 2011 Nov;52(11):1704-12. doi: 10.2967/jnumed.111.091009.</p>





10. Gaemperli O, Liga R, Spyrou N, Rosen SD, Foale R, Kooner JS, Rimoldi OE, Camici PG. Myocardial beta-adrenoceptor down-regulation early after infarction is associated with long-term incidence of congestive heart failure. Eur Heart J. 2010 Jul;31(14):1722-9. doi: 10.1093/eurheartj/ehq138.

6. Publication metrics

ORCID ID: 0000-0002-9964-5604

Google scholar profile link:

<https://scholar.google.com/citations?user=wCZO5bwAAAAJ&hl=en>

Google scholar h-index: 19

7. Total number of peer reviewed publications / textbooks and chapters

I am co-author of >70 papers published in peer reviewed Journals

I am also co-author of 5 book chapters including contributions in the “ESC CardioMed 3rd Edition”, “The ESC Textbook of Cardiovascular Imaging 3rd edition”, and the “Nuclear Cardiology and Multimodal Cardiovascular Imaging: A Companion to Braunwald's Heart Disease”

I am a Reviewer for several Cardiology and Cardiac Imaging Journals, including the “EHJ-Cardiovascular Imaging”, “International Journal of Cardiology”, “Journal of Nuclear Cardiology”, “Atherosclerosis”, “European Heart Journal Open”





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

I would like to humbly apply for the position of EACVI Councilor to contribute to the growth of this respected association and provide my expertise in multimodality cardiac imaging and my energy for a further development of the section of Nuclear Cardiology & Cardiac CT.

During the last years, I had the privilege of being an EACVI Committee Member of the HIT, an opportunity that allowed me to understand and tackle some of the needs of the young cardiologists, including (among others) the need for a more active representation within the EACVI community.

Moreover, as a member of the EACVI Accreditation & Certification sub-committees for both Nuclear Cardiology and Cardiac CT, I could contribute to the process that gave birth to the first successful certification exams for both modalities.

If I were elected as a board member, I would exploit the knowledge that I have accumulated in the last years to promote excellence in both clinical research and education within the EACVI community, further stimulating the involvement of the young cardiac imagers in the “life” of the association.

Moreover, my multimodality background – as also demonstrated by my involvement in successful international collaborative multimodality cardiac imaging studies (EVINCI, EURECA, SMARTool) – could help to promote a fruitful cooperation between the EACVI community and the other Societies in the field of Nuclear Medicine/Cardiology and Radiology.

Accordingly, I would be honored to continue serving the EACVI in the future and contribute to these different areas within the cardiac imaging community.

