



## Elections to EACVI Board 2024-2026

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)
- EACVI Ordinary Nominating Committee member

1. Your Identity	
Title	Dr
Family Name(s)	Neglia
First Name(s)	Danilo
Birth Date	06/03/1957
Type of address	Business <input checked="" type="checkbox"/> Home <input type="checkbox"/>
Institute/Organisation	Fondazione Toscana Gabriele Monasterio
Department	Cardiovascular
Address	Via G. Moruzzi, 1
Post Code/Zip	56124
City	Pisa
Country	Italy
Mobile Phone	██████████
Phone	██████████
Email	██████████



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

**EACVI:**

- Vice-President and Chair of the Nuclear Cardiology and Cardiac CT Section (2014-2016)
- Councillor (2016-2018)
- Co-Chair of the Research Committee (2019-2020)
- Chair of the Research and Innovation Committee (2022-2024)

**ESC:**

- Member of the Oversight Committee of the ESC-EURObservational Research Programme (2020-2023)

**Italian National Cardiological Societies:**

- Member of Imaging Committees of the Italian Association of Cardiologists (ANMCO) and the Italian Society of Cardiology (SIC) (present)

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

Yes  No

If Yes, please specify:

## 4. Selected publications (please list 10 max)

1. Barison A, Timoteo AT, Liga R, Borodzicz-Jazdyk S, El Messaoudi S, Luong C, Mandoli GE, Moscatelli S, Ramkisoensing AA, Moharem-Elgamal S, Pontone G, **Neglia D. Cardiovascular imaging research and innovation in 2023.** Eur Heart J Imaging Methods Pract. 2024 Apr 18;2(1):qyae029. doi: 10.1093/ehjimp/qyae029. PMID: 39045198; PMCID: PMC11195771.



2. **Neglia D**, Caselli C, Maffei E, Cademartiri F, Meloni A, Bossone E, Saba L, Lee SE, Sung JM, Andreini D, Al-Mallah MH, Budoff MJ, Chinnaiyan K, Choi JH, Chun EJ, Conte E, Gottlieb I, Hadamitzky M, Kim YJ, Lee BK, Leipsic JA, Marques H, de Araújo Gonçalves P, Pontone G, Shin S, Stone PH, Samady H, Virmani R, Narula J, Shaw LJ, Bax JJ, Lin FY, Min JK, Chang HJ. Rapid Plaque Progression Is Independently Associated With Hyperglycemia and Low HDL Cholesterol in Patients With Stable Coronary Artery Disease: A **PARADIGM Study**. *Circ Cardiovasc Imaging*. 2024 Jul;17(7):e016481. doi: 10.1161/CIRCIMAGING.123.016481. Epub 2024 Jul 16. PMID: 39012946.
3. **Neglia D**, Liga R, Gimelli A, Podlesnikar T, Cvijić M, Pontone G, Miglioranza MH, Guaricci AI, Seitun S, Clemente A, Sumin A, Vitola J, Saraste A, Paunonen C, Sia CH, Paleev F, Sade LE, Zamorano JL, Maroz-Vadalazhskaya N, Anagnostopoulos C, Macedo F, Knuuti J, Edvardsen T, Cosyns B, Petersen SE, Magne J, Laroche C, Berlè C, Popescu BA, Delgado V; **EURECA Investigators**. Use of cardiac imaging in chronic coronary syndromes: the EURECA Imaging registry. *Eur Heart J*. 2023 Jan 7;44(2):142-158. doi: 10.1093/eurheartj/ehac640. PMID: 36452988.
4. Caselli C, Di Giorgi N, Ragusa R, Lorenzoni V, Smit J, El Mahdiui M, Buechel RR, Teresinska A, Pizzi MN, Roque A, Poddighe R, Knuuti J, Schütte M, Parodi O, Pelosi G, Scholte A, Rocchiccioli S, **Neglia D**; **SMARTool Investigators**. Association of MMP9 with adverse features of plaque progression and residual inflammatory risk in patients with chronic coronary syndrome (CCS). *Vascul Pharmacol*. 2022 Oct;146:107098. doi: 10.1016/j.vph.2022.107098. Epub 2022 Sep. PMID: 36100166.
5. Edvardsen T, Asch FM, Davidson B, Delgado V, DeMaria A, Dilsizian V, Gaemperli O, Garcia MJ, Kamp O, Lee DC, **Neglia D**, Neskovic AN, Pellikka PA, Plein S, Sechtem U, Shea E, Sicari R, Villines TC, Lindner JR, Popescu BA. Non-invasive imaging in coronary syndromes: **recommendations of the European Association of Cardiovascular Imaging and the American Society of Echocardiography**, in collaboration with the American Society of Nuclear Cardiology, Society of Cardiovascular Computed Tomography, and Society for Cardiovascular Magnetic Resonance. *Eur Heart J Cardiovasc Imaging*. 2022 Jan 24;23(2):e6-e33. doi: 10.1093/ehjci/jeab244. PMID: 34751391.
6. Caselli C, De Caterina R, Smit JM, Campolo J, El Mahdiui M, Ragusa R, Clemente A, Sampietro T, Clerico A, Liga R, Pelosi G, Rocchiccioli S, Parodi O, Scholte A, Knuuti J, **Neglia D**; **EVINCI and SMARTool**. Triglycerides and low HDL cholesterol predict coronary heart disease risk in patients with stable angina. *Sci Rep*. 2021 Oct 20;11(1):20714. doi: 10.1038/s41598-021-00020-3. PMID: 34671067; PMCID: PMC8528835.
7. **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**. *Eur Heart J Cardiovasc Imaging*. 2020 Oct 20;21(11):1273-1282. doi: 10.1093/ehjci/jez248. PMID: 31701136.
8. Fox K, Achenbach S, Bax J, Cosyns B, Delgado V, Dweck MR, Edvardsen T, Flachskampf F, Habib G, Lancellotti P, Muraru D, **Neglia D**, Pontone G, Schwammenthal E, Sechtem U, Westwood M, Popescu BA. Multimodality imaging in cardiology: a statement on behalf of the **Task Force on Multimodality Imaging of the European Association of Cardiovascular Imaging**. *Eur Heart J*. 2019 Feb 7;40(6):553-558. doi: 10.1093/eurheartj/ehy669. PMID: 30380037.





9. Gimelli A, Achenbach S, Buechel RR, Edvardsen T, Francone M, Gaemperli O, Hacker M, Hyafil F, Kaufmann PA, Lancellotti P, Nieman K, Pontone G, Pugliese F, Verberne HJ, Gutberlet M, Bax JJ, **Neglia D; EACVI Scientific Documents Committee**. Strategies for radiation dose reduction in nuclear cardiology and cardiac computed tomography imaging: a report from the European Association of Cardiovascular Imaging (EACVI), the Cardiovascular Committee of European Association of Nuclear Medicine (EANM), and the European Society of Cardiovascular Radiology (ESCR). *Eur Heart J*. 2018 Jan 21;39(4):286-296. doi: 10.1093/eurheartj/ehx582. PMID: 29059384.
10. **Neglia D**, Rovai D, Caselli C, Pietila M, Teresinska A, Aguadé-Bruix S, Pizzi MN, Todiere G, Gimelli A, Schroeder S, Drosch T, Poddighe R, Casolo G, Anagnostopoulos C, Pugliese F, Rouzet F, Le Guludec D, Cappelli F, Valente S, Gensini GF, Zawaideh C, Capitanio S, Sambuceti G, Marsico F, Perrone Filardi P, Fernández-Golfín C, Rincón LM, Graner FP, de Graaf MA, Fiechter M, Stehli J, Gaemperli O, Reyes E, Nkomo S, Mäki M, Lorenzoni V, Turchetti G, Carpeggiani C, Marinelli M, Puzzuoli S, Mangione M, Marcheschi P, Mariani F, Giannesi D, Nekolla S, Lombardi M, Sicari R, Scholte AJ, Zamorano JL, Kaufmann PA, Underwood SR, Knuuti J; **EVINCI Study Investigators**. Detection of significant coronary artery disease by noninvasive anatomical and functional imaging. *Circ Cardiovasc Imaging*. 2015 Mar;8(3):e002179. doi: 10.1161/CIRCIMAGING.114.002179. PMID: 25711274.

## 5. Publication metrics

ORCID ID: **0000-0003-0016-9538**

Google scholar profile link: **Danilo Neglia**

([https://scholar.google.com/citations?hl=it&user=Yh\\_Ej4MAAAAJ](https://scholar.google.com/citations?hl=it&user=Yh_Ej4MAAAAJ))

Google scholar h-index: **44**

## 6. Total number of peer reviewed publications / textbooks and chapters

### Publications

- 177 peer reviewed publications (PubMed source)

### The ESC Textbook of Cardiovascular Medicine (2019)

- Chapter 13.6: Integration of stress nuclear imaging in the diagnostic and management algorithms of stable coronary artery disease
- Chapter 13.7: Assessment of coronary artery disease: nuclear myocardial perfusion imaging in specific patient populations
- Chapter 13.8: Heart failure

### The ESC Textbook of Cardiovascular Imaging (2021)

- Chapter 2: Nuclear cardiology (PET and SPECT)—basic principles
- Chapter 27: Nuclear cardiology and detection of coronary artery disease



**Nuclear Cardiology and Multimodal Cardiovascular Imaging: A Companion to Braunwald's Heart Disease (2021)**

- Chapter 18: The Patient With New-Onset Heart Failure

**The ESC Textbook of Heart Failure (2023)**

- Chapter 7.4: Nuclear Medicine

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

Based on my experiences within the EACVI, I appreciate the value for our patients of EACVI mission, within the ESC and in collaboration with European and International Scientific/Professional Societies. We have witnessed an incredible technological progress in cardiovascular imaging, requiring new specific competences, but also appreciated how the shift from a “single modality-centered” approach to a “patient-centered multimodality” approach may be relevant for a more cost-effective management of cardiovascular diseases, highly prevalent in Europe and all over the world.

EACVI should reinforce its mission to promote appropriate clinical use and exploitation of evolving imaging technologies, to perform cooperative research and to advance education for improving everyday clinical practice. To this goals, the structure and activities of the EACVI are innovative since they preserve the role of three specific sections (Section Echo, Section CMR and Section Nuclear Cardiology/Cardiac CT) but also promote a “multimodality imaging” approach, i.e. the use of the right exam/exams for the right patient to guide individualized prevention and treatment.

The EACVI educational activities, the congress, the scientific documents, the journals and the WEB based initiatives are crucial to rise interest and disseminate this knowledge. My last experience in the Research & Innovation Committee has taught me a lot. Its fields of action span from the dissemination of updated research results to creation and maintenance of an infrastructure which might effectively help researchers in designing, searching funds and implementing their projects. I learnt how ambitious initiatives, can advance within EACVI thanks to the enthusiasm of participants, in particular younger colleagues, the strict cooperation with other bodies and the support of the team. I hope to have the opportunity to contribute to the implementation of the future strategic plans, policies and activities of the EACVI, within the roles of a Secretary, in partnership with the President and board members.

