

Curriculum Vitae

Marija Vavlukis, MD, PhD, FESC

1 position as Audit Committee member, representing Cardiac Societies.



Personal Information

- **Place and Date of Birth:** Bitola, 19.03.1964
- **Nationality:** Macedonian

Current Position and Professional Address

- **Vice Dean for Science**, Faculty of Medicine, Ss. Cyril and Methodius University, Skopje
- **Head of Nuclear Cardiology**, University Clinic of Cardiology, Clinical Campus "Mother Teresa", Skopje

Education and Postgraduate Training

- **MD**, Faculty of Medicine, Ss. Cyril and Methodius University, Skopje (1988, GPA 9.42)
- **MSc in Medical Sciences (2002):** *Application of SPECT myocardial perfusion tomoscintigraphy in CAD evaluation*
- **PhD in Medical Sciences (2008):** *Predictive modeling in patients with coronary artery disease treated with surgical myocardial revascularization*
- **Specialist in Internal Medicine (1994)**
- **Subspecialist in Cardiology (2008)**
- **Advanced training** in Graz, Vienna (Austria), Bratislava (Slovakia)

Employment History

- **Full Professor**, Faculty of Medicine, Ss. Cyril and Methodius University, Skopje (1996–present)
- **Cardiologist & Intensivist**, University Clinic of Cardiology, Skopje (1994–present)
- **Associate Professor/Professor**, Faculty of Medical Science, Goce Delčev University, Štip (2010–2017)

European Society of Cardiology (ESC) Activities

- **Fellow of the ESC (FESC)** since 2016
- **Nucleus Member**, Working Group on Coronary Pathophysiology and Microcirculation (2018–2024)
- **National Representative for Macedonia**, Association for Acute Cardiovascular Care (ACVC)

Participation in International Scientific Committees

- Contributor to **ESC position papers** on coronary microcirculation, gut microbiota, and cardiovascular disease
- Member of multinational registries: **ISACS STEMI COVID-19 Registry, NSTEMI Registry (EORP), International COVID-ACS Registry**
- **Collaborator in Lancet Regional Health Europe multinational cohort studies**

Editorial Boards

- **Review Editor**, *Frontiers in Cardiovascular Medicine* (Intensive Care Cardiovascular Medicine, Cardiac Rhythmology)
- **Guest Associate Editor**, *Frontiers Publishing House*
- **Section Editor**, *Academic Medical Journal* (Faculty of Medicine, Ss. Cyril and Methodius University)
- **Editor**, *Global Emergency and Critical Care Section*, Journal of the Turkish Emergency Medicine Foundation

Leadership and Management Experience

- **Head of Intensive Cardiac Care Department**, University Clinic of Cardiology
- **Head of Department of Internal Medicine**, Faculty of Medicine (2020–2023)
- **Vice Dean for Science**, Faculty of Medicine (current)
- **Coordinator of postgraduate and doctoral curricula** in cardiology and intensive care

Fellowships and Honours

- **FESC** (European Society of Cardiology)
- Invited speaker at **ESC Congresses, European Heart Journal symposia, and Frontiers webinars**
- Reviewer for >60 manuscripts indexed in Web of Science

Honorary Memberships

- Honorary member of national cardiology associations in the Balkans and Southeastern Europe

Top 10 Most Relevant Publications

1. Cenko E, Bergami M, Yoon J, Vadalà G, Kedev S, Kostov J, **Vavlukis M**, et al. *Age and sex differences in efficacy of early invasive strategy for NSTEMI-ACS*. *Am J Prev Cardiol*. 2025.
2. Fabian N, Cenko E, Bergami M, Yoon J, Vadalà G, Mendieta G, Kedev S, Kostov J, **Vavlukis M**, et al. *Early coronary revascularization among stable NSTEMI-ACS patients: role of diabetes and age*. *Cardiovasc Res*. 2024.
3. Guarracino F, **Vavlukis M**. *Editorial: Insights in intensive care cardiovascular medicine*. *Front Cardiovasc Med*. 2024.
4. Cenko E, Yoon J, Bergami M, Gale CP, Vasiljevic Z, **Vavlukis M**, et al. *Coronary revascularization and sex differences in CV mortality after MI*. *Eur Heart J Qual Care Clin Outcomes*. 2024.
5. Bugiardini R, Cenko E, Yoon J, Bergami M, Vasiljevic Z, Mendieta G, Zdravkovic M, **Vavlukis M**, et al. *Traditional risk factors and premature ACS in South Eastern Europe*. *Lancet Reg Health Eur*. 2024.

6. Antoniadou C, Tousoulis D, **Vavlukis M**, et al. *Perivascular adipose tissue as therapeutic target and biomarker*. Eur Heart J. 2023.
7. **Vavlukis A, Mladenovska K, Davaliev K, Vavlukis M**, Dimovski A. *Rosuvastatin effects on HDL proteome*. Acta Pharm. 2023.
8. Stojmenski A, Gusev M, Chorbev I, Tudjarski S, Poposka L, **Vavlukis M**. *Age and gender impact on HRV towards noninvasive glucose measurement*. Sensors. 2023.
9. **Vavlukis M**, Vavlukis A, Krsteva K, Topuzovska S. *Paraoxonase 1 gene polymorphisms in lipid oxidation and atherosclerosis*. Front Genet. 2022.
10. Einstein AJ, Hirschfeld C, Williams MC, Villines TC, Cerci R, **Vavlukis M**, et al. *Worldwide disparities in recovery of cardiac testing 1 year into COVID-19*. J Am Coll Cardiol. 2022.

Major Research Interests

- Intensive cardiac care and critical care cardiology
- Heart failure and coronary artery disease
- Coronary microcirculation and pathophysiology
- Cardiovascular metabolic risk and lipidology
- Predictive modeling and risk stratification in CAD
- Nuclear cardiology and non-invasive imaging
- Impact of COVID-19 on cardiovascular outcomes

Research Metrics

- **Publications:** >245 works listed on ORCID, >170 peer-reviewed papers (100+ indexed in Web of Science)
- **Books:** 9 authored/co-authored
- **Citations:** 23,209 (Google Scholar, 2025)
- **h-index:** 26
- **i10-index:** 43

Research Identifiers

- **ORCID ID:** [0000-0002-4479-6691](https://orcid.org/0000-0002-4479-6691)
- **Scopus Author ID:** 14038383200
- **ResearcherID:** AAK-4746-2021
- **Loop Profile:** 1785244
- **ResearchGate:** [Marija Vavlukis](https://www.researchgate.net/profile/Marija-Vavlukis)
- **LinkedIn:** [Marija Vavlukis](https://www.linkedin.com/in/MarijaVavlukis)
- **X (Twitter):** [@MarijaVavlukis](https://twitter.com/MarijaVavlukis)