

Curriculum Vitae

Sanja Stankovic, PhD, FESC, EuSpLM

Nominating Committee member



Personal Information:

Place and Date of Birth: Belgrade, RS; 27 December 1969

Nationality: Serbian

Current Position and Professional Address

Director of Center for Medical Biochemistry, University Clinical Center of Serbia, Visegradska 26, 11000 Belgrade, Serbia & Full research professor, Ass Professor, University of Kragujevac Faculty of Medical Sciences, Department of Biochemistry, Svetozara Markovića 69, 34000 Kragujevac, Serbia

Education and Postgraduate Training

1993 BSc at Faculty of Pharmacy, University of Belgrade, Belgrade, Serbia (Average mark: 9.47 (grading scale 5-10))

1999 MSc at Faculty of Pharmacy, Department of Medical Biochemistry, University of Belgrade, Belgrade, Serbia (Average mark: 10 (grading scale 5-10))

2000 Specialization in Medical Biochemistry at Faculty of Pharmacy, Department of Medical Biochemistry, University of Belgrade, Serbia (Average mark: 5 (grading scale 3-5))

2009 Subspecialization in Clinical Enzymology at Faculty of Pharmacy, Department of Medical Biochemistry, University of Belgrade, Belgrade, Serbia

2012 PhD at Faculty of Pharmacy, Department of Medical Biochemistry, University of Belgrade, Belgrade, Serbia

2014 Specialization in pharmacoconomics and pharmaceutical legislation, Faculty of Pharmacy, University of Belgrade, Belgrade, Serbia (Average mark: 10 (grading scale 5-10))

2019 Master academic studies - Master of management in the health care system, Faculty of Medicine, University of Belgrade, Belgrade, Serbia (Average mark: 10 (grading scale 5-10))

2020 PhD in Public Health at Faculty of Medicine, University of Belgrade, Belgrade, Serbia (in process)

1995-1999 Department of Radiobiology and Molecular Genetics, Vinča Institute of Nuclear Sciences in Belgrade, Serbia (research activities).

European Summer Schools of Pharmacogenetics and Personalized Therapy (2012; 2014, 2016, 2018)

European Society of Cardiology Activities

2024-2026 Working Group on Coronary Pathophysiology & Microcirculation Secretary

2025- Council on Basic Cardiovascular Science Member

ESC Congress 2025 Abstract Reviewing Committee Member and Chair of the abstract session

HFA member

Participation in Other International Scientific Committees

International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)

- 2025- Chair Working Group Next-Generation Technologies for Cardiovascular Disease Prevention and

Management (WG CARDIOIMPACT)

- 2019- IFCC Emerging Technologies Division (ETD) Committee on Mobile Health and Bioengineering in Laboratory Medicine (C-MHBLM) Corresponding member

European Federation of Clinical Chemistry and Laboratory Medicine (EFLM)

- 2012-2016 EFLM Science Committee (Working Group: Cardiac Markers): 2018-2023 EFLM: Science Committee/WG Guidelines/Task Group: Cardiac Markers:
- 2022- 2024 EFLM Task Force: Green and sustainable Labs Member; 2024- Division: Science - Value-based Laboratory Medicine-Emerging Perspectives: EFLM Committee "Green & Sustainable Laboratories" Expert/Consultant
- 2022-2025 EFLM Task & Finish Group: Biomarkers of diagnosis and follow-up of nitrous oxide abuse, Member; 2025- Division: Science - Value-based Laboratory Medicine- Integrated Diagnostics- Committee: Biological Markers of Nitrous Oxide Abuse, Expert/Consultant
- 2025- Division: Science - Value-based Laboratory Medicine- Integrated Diagnostics- Committee: Chronic Kidney Disease, Corresponding Member
- 2023- EFLM Working Group: Biomarkers of Mild Traumatic Brain Injury, Corresponding member; 2025-2026 Division: Science - Value-based Laboratory Medicine- Integrated Diagnostics-Committee: Biomarkers of Mild Traumatic Brain Injury, Corresponding Member

American Association for Clinical Chemistry (AACC)

- AACC Scientific Division Personalized Medicine Division Member, AACC Scientific Division Lipoproteins and Vascular Diseases Division Member, AACC Scientific Division Biomarkers of Acute Cardiovascular Diseases Member, AACC Scientific Division Critical and Point of Care Testing Division Member

Association for Diagnostics & Laboratory Medicine Member (ADLM, Washington, USA)

- Cardiovascular Health Division (CVH) Member, Point-of-Care Testing Division (POCT) Member, Health Equity & Access Division (HEAD) Member

Editorial Boards

International Journal of Clinical Practice; International Journal of Molecular Sciences (Reviewer Board, Topical Advisory Panel Member); Journal of Disease Markers; Drug Metabolism and Personalized Therapy; Preventive Pediatrics (Official Journal of the Association of Preventive Pediatrics of Serbia); LabMed, ISSN 2813-9038 (Editorial Board); eJIFCC - The Journal of the International Federation of Clinical Chemistry and Laboratory Medicine; Vojnosanitetski preglad (Reviewer Board); Romanian Journal of Laboratory Medicine
Special Issues editor: „Molecular biomarkers in cardiovascular disease“ and "Biomarkers for Cardiovascular Risk Prediction" for the International Journal of Molecular Sciences

Leadership and Management Experience

- Director of the Center for Medical Biochemistry Diagnostics (national reference laboratory), University Clinical Center of Serbia, Belgrade, Serbia
- Head of Center for Laboratory and Functional Diagnostics, University of Kragujevac Faculty of Medical Sciences, Department of Biochemistry, Kragujevac, Serbia
- President of the Serbian Committee for Biochemistry, Ministry of Health RS
- Chair of the Chamber of Medical Biochemists Ethical Committee and Ethical Committee of Serbia Member
- Chair of General Director's Advisory Board in University Clinical Center of Serbia, Belgrade, Serbia
- Point-of-care Coordinator in University Clinical Center of Serbia, Belgrade, Serbia
- Chair of two committees in the National Health Insurance Fund, Republic of Serbia
- Founder and President of Serbian Society for Pharmacogenetics and Personalized Therapy (SSPT), Serbian Biomarker Society (SERBIS), and Serbian Society for Clinical Laboratory Medicine and Science (SCLM)
- Founder and director of international symposium SERBIS (Serbian Biomarker Symposium), CLAQ (Conference on Medical Laboratory Accreditation and Quality Systems, CLAIR 2025: Clinical Laboratories A.I. Revolution
- Co-President of 6th ESPT International Congress, November 8-9, 2022, Belgrade, Serbia
- Co-president of the 9th International Congress of Pathophysiology and the 5th Congress of Physiological Sciences of Serbia, July 4-7, 2023, Belgrade, Serbia
- Leader of two projects of total laboratory automation

- Leader of pilot project of introduction of Newborn screening in Serbia (12 diseases)
- Chair IFCC WG CARDIOIMPACT
- General Secretary/ Treasurer and Board Member- European Society of Pharmacogenomics and Personalized Therapy (ESPT)

Fellowships and Honours

Fellowship of the European Society of Cardiology (FESC)

Member of Serbian Medical Academy (Serbian Medical Society)

Top 10 Most Relevant Publications

1. Stanković S, Mutavdžin Krneta S, Milosevic V, Djuric D, Milovanovic D. Plant polyphenols as Heart's Best Friends: From Health Properties, to Cellular Effects to Molecular Mechanisms of Action. *Int J Mol Sci* 2025; 26(3), 915.
2. Jovanovic K, Trailovic R, Jonsson M, Roy J, Grego F, Colacchio EC, Galyfos G, Capoccia L, Stankovic S, Koncar I; TROPICAR Study Group Collaborators. TROPonin In CARotid Revascularisation - TROPICAR: Preliminary 30 Day Results. *Eur J Vasc Endovasc Surg.* 2025;70(1):24-33.
3. Viduljević M, Polovina M, Geavlete O, Adamo M, Hadžibegović A, Ašanin M, Stanković S, Ben Gal T, Abdelwahab MA, Abdelhamid M, Ambrosy AP, Chioncel O, Seferović PM. The Right Approach: Power of Biomarkers in the Assessment and Management of Right Ventricular Dysfunction. *Int J Mol Sci.* 2025;26(18):9064.
4. Djuric D, Bajic Z, Radisavljevic N, Sobot T, Mutavdzin Krneta S, Stankovic S, Skrbic R. High-Sensitivity Troponins and Homocysteine: Combined Biomarkers for Better Prediction of Cardiovascular Events. *Int J Mol Sci.* 2025;26(17):8186.
5. Gruson D, Hammerer-Lercher A, Collinson P, Duff C, Baum H, Pulkki K, Suvisaari J, Stankovic S, Laitinen P, Bayes-Genis A. The multidimensional value of natriuretic peptides in heart failure, integrating laboratory and clinical aspects. *Crit Rev Clin Lab Sci.* 2024:1-15.
6. Savic L, Simic D, Lasica R, Krljanac G, Matic D, Asanin M, Stankovic S, Antonijevic N, Mrdovic I. Long-Term Prognosis in Patients with ST-Elevation Myocardial Infarction Complicated by Heart Failure with Preserved Left Ventricular Ejection Fraction. *J Cardiovasc Dev Dis.* 2025;12(7):272.
7. Todorović D, Stojanović M, Mutavdžin Krneta S, Jakovljević Uzelac J, Gopčević K, Medić A, Labudović Borović M, Stanković S, Djuric DM. Effects of four-week lasting aerobic treadmill training on hepatic injury biomarkers, oxidative stress parameters, metabolic enzymes activities and histological characteristics in liver tissue of hyperhomocysteinemic rats. *Mol Cell Biochem.* 2025;480(4):2511-24.
8. Collinson P, Suvisaari J, Aakre KM, Baum H, Duff CJ, Gruson D, Hammerer-Lercher A, Pulkki K, Stankovic S, Stavljenic-Rukavina A, Langlois MR, Apple F, Laitinen P. for the EFLM Task Group on Cardiac Markers. How well do laboratories adhere to recommended guidelines for cardiac biomarkers management in Europe? the CARDiac MARKer Guideline Uptake in Europe (CAMARGUE) Study of the European Federation of Laboratory Medicine Task Group on Cardiac Markers. *Clin Chem.* 2021; 67(8): 1144–52.
9. Nordestgaard BG, Langlois MR, Langsted A, Chapman MJ, Aakre KM, Baum H, Borén J, Bruckert E, Catapano A, Cobbaert C, Collinson P, Descamps OS, Duff CJ, von Eckardstein A, Hammerer-Lercher A, Kamstrup PR, Kolovou G, Kronenberg F, Mora S, Pulkki K, Remaley AT, Rifai N, Ros E, Stankovic S, Stavljenic-Rukavina A, Sypniewska G, Watts GF, Wiklund O, Laitinen P; European Atherosclerosis Society (EAS) and the European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) Joint Consensus Initiative. Quantifying atherogenic lipoproteins for lipid-lowering strategies: Consensus-based recommendations from EAS and EFLM. *Atherosclerosis.* 2020;294:46-61
10. Milosevic A, Vasiljevic-Pokrajcic Z, Milašinović D, Marinković J, Vukcevic V, Stefanovic B, Asanin M, Dikic M, Stankovic S, Stankovic G. Randomized study of Immediate versus Delayed invasive intervention in patients with Non-ST-segment Elevation Myocardial Infarction (RIDDLE-NSTEMI). *JACC: Cardiovascular Interventions* 2016; 9(6):541-9.

Major Research Interest

Biomarkers of non-communicable chronic disease, precision medicine, emerging technologies, AI application