

## Speaker's Biosketch

ICoLA 2025

### **Ljubica Matic (Karolinska Institute, Stockholm, Sweden)**

Ljubica Matic (LM) is Assoc Prof of Molecular Medicine and Principal Researcher in the Vascular Surgery unit at Karolinska Institute (KI). She obtained MSc in Molecular Biology from Belgrade University, Serbia and PhD in Medical Biochemistry from KI in 2012. Since 2019 she is Group Leader for Translational Vascular Medicine at KI, dedicated to research on novel therapeutic and diagnostic targets for peripheral vascular disease. LM utilizes innovative multi-omics pipelines for exploration of the Biobank of Karolinska Endarterectomy (BiKE, est 2002) to identify smooth muscle cell targets that stand in direct causal relationship to human vascular disease. LM is recipient of grants and awards from the Swedish Research Council, Swedish Heart-Lung Foundation, Swedish Society for Medical Research, KI Faculty Consolidator grant, American Heart Association (Daniel Steinberg Early Career Investigator award in 2023) and the Royal Swedish Academy of Sciences (Sven and Ebba Hagberg Award in 2019). She is PI for several EU projects and review panel expert for numerous national EU research foundations, including the EU MSCA ITN, EIC, Swedish Research Council and Heart-Lung Foundation. LM acts as editorial board member for the *Vascular Pharmacology* and *Atherosclerosis* journals and is holder of 9 patents. She authored >100 papers in international journals, including Eur Heart J, Circ Res, Nature, Nature Medicine, etc. Her mission is to extrapolate basic research results into the various realms of clinical vascular disease, ensuring accelerated development from target discovery to patient treatment.