

More information regarding the speakers:



Prof dr J Malcolm Wilkinson studied Physics at Oxford University and then worked in industry for 16 years developing microelectronics. In 1994 he started a consultancy in Cambridge supporting the development of microfluidics devices for medical diagnostics. From 2006 to 2019 he was CEO of Kirkstall Ltd, one of the world's leading Organ on a Chip companies. Although now retired, he continues as a Director of Kirkstall Ltd., and is on the Scientific Advisory Panel of Animal Free Research UK supporting their work to replace the use of animals in medical research and drug testing. He has been a visiting Lecturer for FSRM, Neuchatel, Switzerland, on the subject of Micro and Nanotechnology in Biomedical Engineering for over 10 years and was appointed as a Visiting Professor in the Department of Biomedical Engineering at Sheffield University in 2019.



Dr Simone Perottoni earned his M.Sc. degree in biomedical engineering with a specialization on cell and tissue engineering from the Politecnico di Milano in 2019. His journey into the field of advanced tissues/organs in vitro modelling began during an internship at the Trinity Centre for Bioengineering, Trinity College Dublin. In 2023, he completed his Ph.D. at Politecnico Di Milano in Bioengineering, specializing in multi-organ microphysiological systems for modeling neurodegeneration and microbiota-brain communication. He was a visiting postdoc in the Tissue Engineering and Biomaterials Lab of prof. Ruslan Dmitriev at UGent focusing on advanced intestinal organoids models. In addition, in 2025, he received funding from Fondazione Cariplo to start his research as young investigator on inner ear-brain communication in dementia.