

Dr Argyris Politis, Principal Investigator

Argyris Politis has obtained degrees from the National Technical University of Athens, Greece and Imperial College London. He carried out post-doctoral research in Cambridge and Oxford in the laboratory of Prof. Dame Carol Robinson, where he studied the structure and function of protein complexes using mass spectrometry. In 2014, he was appointed as Lecturer at King's College London where he established his first independent research group focusing on developing mass spectrometry-based strategies to interrogate the structural dynamics of membrane proteins and their complexes. His group has pioneered the study of molecular mechanisms underpinning membrane protein function using the emerging hydrogen deuterium exchange-mass spectrometry (HDX-MS) technology. In 2022, he moved to the University of Manchester as a Reader. His current interests lie in exploring how the native environment and pharmacologically important ligands modulate the structural dynamics of membrane protein. He holds a prestigious EPSRC research Fellowship and since 2025 is an ERA Chair holder leading the MASSTRUCT Project coordinated by BSRC "*Alexander Fleming*".