



IDM Mini-Symposium

Title: “Characterisation of infectious and non-communicable disease states through advanced proteomics: Identifying molecular mechanisms and biomarkers of disease by measuring perturbations in signalling, sub-cellular localisation, cellular and secreted proteomes”

Date and Time: 3 February 2023, 09h00am – 12h00pm SAST

Venue: Wolfson Lecture Theatre



Prof Bernhard Kuster

Technical University of Munich, Germany

Adding a proteomic component to molecular tumor boards

Full Professor at TUM and principal investigator of the German Cancer Consortium DKTK, with a research focus on proteomics and precision medicine and questions relating to the molecular mechanisms of therapeutic drugs and cancer for clinical treatment.



Prof Florian Meier

Friedrich-Schiller-Universität Jena, Germany

Ion mobility-resolved mass spectrometry for functional (phospho)proteomics

Junior professor at the Friedrich-Schiller-Universität Jena, Germany. The groups' main research focus is to enable functional proteome analysis as a technology platform for translational research.



Prof Kathryn Lilley

University of Cambridge, United Kingdom

Uncovering disease mechanisms through subcellular spatial 'omics

Professor and Head of Cambridge Centre for Proteomics with a group focus on the development and application of technologies which enable the measurement of the dynamic proteome in space and time in cells in a high-throughput manner.



Prof Frank Schmidt

Weill Cornell Medicine in Qatar

Multiplex Techniques in Clinical Proteomics: A Complementary Tool for Biomarker Discovery

Professor of Biochemistry at Weill Cornell Medicine in Qatar with a research focus on using proteomics and immunoproteomics to study mechanisms of pathology in infectious diseases.

Host: Prof Jonathan Blackburn

IDM / Division of Chemical & Systems Biology

