

# The Power of Omics

October 13 – 15 | Virtual event



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SCIENTIFIC

Date	Time	Track	Presentation Title	Speaker
13-Oct	01:00 - 02:00 PM CEST		Plenary Speaker: The Glycan Shield of Enveloped Viruses: from HIV to SARS-CoV-2	Max Crispin Professor of Glycobiology - University of Southampton, UK
13-Oct	02:30 - 03:00 PM CEST		Speaker: Proteomic Investigation of COVID-19 Patient Specimens	Tiannan Guo Assistant Professor - Westlake University
13-Oct	03:00 - 03:30 PM CEST		Speaker: Integrating transcriptomics and proteomics to study viral protein expression - finding new things to avoid unpleasant surprises	David Matthews Reader in Virology - Uni Bristol
13-Oct	03:30 - 04:00 PM CEST		Speaker: High-throughput detection of SARS-CoV-2 by turbulent flow chromatography and tandem mass spectrometry	Valdemir Melechco Carvalho Senior Scientist - Fleury Group
13-Oct	04:00 - 04:30 PM CEST		Speaker: The Global Phosphorylation Landscape of SARS-CoV-2 Infection	Danielle Swaney Assistant Professor - UCSF
13-Oct	05:00 - 09:00 AM CEST		Roundtable: Overcoming challenges of delivering fast but quality science and the collaborations needed to accelerate discovery research through to practical utility	Andreas Hühmer, Ph.D. Sr. Director for Scientific Affairs and Alliance Management, Nautilus Biotechnology
14-Oct	01:00 - 02:00 PM CEST		Plenary Speaker: Large Scale Melanoma Cancer Studies at the European Cancer Moonshot Lund Center in Partnership with Five International Clinical Hospitals	Gyorgy Marko-Varga Professor - Lund University
14-Oct	02:30 - 03:00 PM CEST		Speaker: Ion mobility enhanced data independent acquisition and application to cancer proteomics	Lukas Reiter Chief Technology Officer - Biognosys AG
14-Oct	03:00 - 03:30 PM CEST		Speaker: Proteogenomics for discovery of targets and predictive markers for immunotherapy	Janne Lehtio Professor - Karolinska Institutet

14-Oct	03:30 - 04:00 PM CEST		Speaker: A proteogenomics approach to antigen discovery in cervical cancer	Nicola Ternette Associate Professor - University of Oxford
14-Oct	04:00 - 04:30 PM CEST		Speaker: SureQuant pTyr - a platform for targeted profiling of tyrosine phosphorylation signaling dynamics in human tumors	Lauren Stopfer Graduate Student - Koch Institute for Integrative Cancer Research & MIT
14-Oct	05:00 - 06:00 PM CEST		Roundtable: Maximizing the use of proteomics data	Bernhard Kuster Professor - Technical University of Munich
15-Oct	01:00 - 02:00 PM CEST		Plenary Speaker: Measuring protein-level biology, one ion at a time	Neil Kelleher Glass Professor of Life Sciences - Northwestern University
15-Oct	02:30 - 03:00 PM CEST		Speaker: Characterizing Cellular Hierarchies Using Quantitative Single-Cell Proteomics	Erwin Schoof Associate Professor, Technical University of Denmark
15-Oct	03:00 - 03:30 PM CEST		Speaker: Deep learning architecture Prosit and its application in mass spectrometry-based proteomics	Mathias Wilhelm Chair of Proteomics and Bioanalytics - Technical University of Munich
15-Oct	03:30 - 04:00 PM CEST		Speaker: A Quantitative Proteome Map of the Human Body	Lihua Jiang Director - Stanford University
15-Oct	04:00 - 04:30 PM CEST		Speaker: TMT Research Award Winner	Ryan Bomgarden, Ph.D. Senior R&D Manager, Protein & Cell Analysis, Thermo Fisher Scientific
15-Oct	05:00 - 06:00 PM CEST		Roundtable: Future needs in proteomics	Dani Lopez Ferrer Senior Manager for Proteomics - Thermo Fisher