



THE UNIVERSITY of EDINBURGH

The Edinburgh Association
of Mass Spectrometrists



Symposium “Biomarkers in Industry, Health and Disease”

24th June 2024, Lecture Theatre, Institute of Genetics and Cancer, University of Edinburgh

[Eventbrite Booking](#)

9.20 Welcome and Introduction

Natalie Homer (TEAMS)

9.30-11.00 Metabolic Biomarkers

Chair Alex von Kriegsheim

Bart Pander, *CHO online biomarker monitoring for biopharma*, (Burgess Group, Edinburgh)

Rene Rivera Diazgranados, *Identifying novel senescence biomarkers using spatial and temporal mass spectrometry-based proteomics* (Tony Ly-lab, University of Dundee)

Natalie Homer, *From humans to mice to lions - Steroid profiling by Targeted Mass Spectrometry* (Clinical Research Facility, QMRI)

Break

11.20-12.50 Models and Markers for Drug Discovery

Chair Natalie Homer

Agata Makar, *High-throughput Proteomics to determine target engagement* (CRUK Scotland Centre, IGC, Edinburgh)

Ilaria Puoti, *Confounding factors in targeted degradation of short-lived proteins* (Centre for Targeted Protein Degradation, University of Dundee)

Sarantis Chlamydas. *Unlocking Precision Medicine: The Role of High-throughput Proteomics* (Olink Biosciences)

Break for Lunch

1.30-3.00 Biomarker Discovery in Cancer Research

Chair Tessa Moses

Marta Canel, *Understanding the impact of mutational heterogeneity in the early detection of pancreatic cancer* (CRUK Scotland Centre, IGC, Edinburgh)

Manal al Harbi, *Identification of a novel Biomarker Signature for Early Detection of Ovarian Cancer* (CRUK Scotland Centre, IGC, Edinburgh)

Sergio Lilla, *MS-Redox Proteomics for Biomarker Discovery*, (CRUK Scotland Institute, Glasgow)

Break

3.20-4.50 Biomarkers in Blood and Tissue

Chair Bart Pander

Angela Paul, *Plasma Proteomics: Throughput and Speed* (Bruker UK)

Sphamandla Ntshangase, *Spatial Lipidomic Profiles of Atherosclerotic Plaques: Mass Spectrometry Imaging Study* (Centre for Cardiovascular Research, QMRI, Edinburgh)

Samantha Eaton, *Biomarker discovery in blood - investigations in a model of childhood dementia* (Roslin Institute, Edinburgh)

5PM Closing Remarks Alex von Kriegsheim



Olink®
Accelerating proteomics together

