

## BIOCENTER OULU DAY 2024

### Revolutionizing health with omics

Thursday October 3 2024 at 8.30-16.00

Place Leena Palotie Auditorium 101A Kontinkangas Campus, University of Oulu, Oulu, Finland

Chairpersons **Carlos Vela Rodriguez, Qin Zhang and Mulusew Yaltaye**

### PROGRAMME

8.30-8.40	Opening remarks Chairperson of the Organizing Committee, Biocenter Oulu
8.40-8.50	Welcome Prof. Johannes Kettunen, Director of Focus Institute Biocenter Oulu
8.50-9.30	<i>KEYNOTE: “Towards functions and phenotypes: leveraging multi-omics in prostate cancer research.”</i> <b>Leena Latonen</b> , University of Eastern Finland
9.30-10.15	<i>Coffee at the exhibition area</i>

#### **Session 1: Insights into genomics and metabolomics**

10.15-10.20	<b>Sponsor spot</b>
10.20-10.50	<i>“Better brain health with human cellular models –from molecular signatures to function.”</i> <b>Helena Kilpinen</b> , University of Helsinki
10.50-11.20	<i>“The lipidome in psychosis. How can metabolomics be used to understand underlying mechanisms of disease?”</i> <b>Alex Dickens</b> , University of Turku
11.20-11.25	<b>Sponsor spot</b>
11.25-12.55	<i>Lunch break and exhibition</i>

#### **Session 2: Advances in proteomics**

12.55-13.00	<b>Sponsor spot</b>
13.00-13.30	<i>“Ubiquitination and ADPribosylation: post-translational crosstalk.”</i> <b>Gerbrand J. van der Heden van Noort</b> , LUMC, the Netherlands
13.30-14.00	<i>“Uncovering ADP-ribosylation signaling pathways: implications for PARP7 in cancer.”</i> <b>Michael O. Hottiger</b> , University of Zurich, Switzerland
14.00-14.40	<i>Coffee at the exhibition area</i>

#### **Session 3: Digital health sciences**

14.40-14.45	<b>Sponsor spot</b>
14.45-15.15	<i>“Wearable-Measured Activity, Sedentary, and Sleep Behaviors and Health.”</i> <b>Vahid Farrahi</b> , University of Dortmund, Germany
15.15-15.45	<i>“Deep phenotyping for translational medicine.”</i> <b>Juha Salmitaival</b> , University of Oulu
15.45-16.00	<b>General discussion and concluding remarks</b>