



BIOCENTER OULU DAY 2024

Revolutionizing health with omics

Thursday October 3 2024 at 8.30-16.00

Time

Place

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

Chairpersons

Carlos Vela Rodriguez, Qin Zhang and Mulusew Yaltaye

PROGRAMME

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| 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>
Leena Latonen , University of Eastern Finland |
| 9.30-10.15 | Coffee at the exhibition area |

Session 1: Insights into genomics and metabolomics

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

Session 2: Advances in proteomics

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

Session 3: Digital health sciences

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