

Program

Thursday, May 15th, 2025

12:00-13:00 **Registration & Welcome Coffee**

13:00-13:05 **Welcome** – Michal Bassani (CHUV) & LS² Proteomics Board

13:05-14:35 Oral Session I: (Chair: Manuel Tzouros)

13:05-13:50

Keynote 1:

Ruth Huttenhain (Stanford University, US)

“Exploring non-canonical GPCR interactions using unbiased proteomics”

Oral and Flash presentations - PTMs and autophagy

13:50-14:00 Meinusha Govindarajan

14:00-14:10 Ryan Separovich

14:10-14:20 Julian van Gerwen

14:20-14:25 Chloe Planchon

14:25-14:30 Shophie Buchser

14:30-14:35

Sponsored talk

Martin Grafe (Covaris)

“Advancing Proteomics Sample Preparation with Adaptive Focused Acoustics (AFA®)”

14:35-15:10

Coffee Break

15:10-16:10

Oral Session II (Chair: Alexander Schmidt)

15:10-15:20

Sponsored talk

Jean-Baptiste Pénigault (Bucher Biotec & Quantum-Si)

“Next-Generation Protein Sequencing: Complementing Mass Spectrometry in the Proteomics Toolkit”

Oral and Flash presentations - Spatial proteomics & MS Technologies

15:20-15:30

Marc van Oostrum

15:30-15:40

Luca Riermeier

15:40-15:45

Ilja Shapiro

15:45-15:50

Vivien Hollenstein

15:50-15:55

Alexandre Leytens

15:55-16:00

Bettina Streckenbach

16:00-16:10

Sponsored talk

Eshita Mutt (Standard BioTools)

"Expanding Proteomic Horizons: How high-plex SomaScan Complements Mass Spectrometry"

16:10-16:45

Coffee Break

16:45-18:02

Oral Session III (Chair: Paolo Nanni)

Competition for travel grant award – special session

16:45-16:52

Sucheta Ghosh

16:52-16:59

Nicolas Grinberg

16:59-17:06

Lopamudra Chatterjee

17:06-17:13

Alexandra E. Burger

17:13-17:20

Fu Jianbo

17:20-17:27

Zhong Weijia

17:27-17:34

Pierre Marchal

17:34-17:41

Jennifer Baltazar

17:41-17:48

Laura Wessling

17:48-17:55

Martin Gesell

17:55-18:02

Thibault Courtellemont

18:20-18:30

Group picture

18:30-19:30

Apéro (upon registration only!)

19:30-22:00

Dinner in the conference hotel (upon registration only!)

Friday, May 16th, 2025

08:30-10:00

Workshop - AI in Proteomics (upon registration only)

(Chair: TBD)

Ornella Cominetti Allende (Nestlé)

Mathias Wilhelm (TUM)

An-Phi Nguyen (Biognosys)

10:00-10:30

Oral Session IV (Chair: Leitner Alexander)

10:00-10:05

Sponsored talk

Torsten Müller (Bruker)

"Advancing 4D-Proteomics™ in the Post-Genomic Era with timsTOF and PASEF"

Oral and Flash presentations - Informatics

10:05-10:10

Benjamin Heiniger

10:10-10:15

David Lyon

10:15-10:20

Axel Martinelli

10:20-10:25

Antonino Zito

10:25-10:30

Sponsored talk

Britta Diedrich (Evosep)

"Efficient proteomics with an automated sample preparation strategy leveraged by Evotip Pure and Whisper Zoom methods"

10:30-11:10

Coffee Break

11:10-12:45

Oral Session V (Chair: Maria Pavlou)

Oral and Flash presentations - Plasma and Biomarker discovery

11:10-11:20

Benyahia Chebel

11:20-11:25

Ivo Kwee

11:25-11:30

Kevin Pacios

11:30-11:35

Eshita Mutt

11:35-11:40

~~Simona Capossela~~

11:40-11:45

Jasmin Johansson

11:45-11:50

Sponsored talk

Quentin Enjalbert (PreOmics GmbH)

"Enhanced biomarker discovery in blood plasma through a unique single-particle workflow for deeper proteome coverage"

11:50-12:35

Keynote 2:

Marcus Bantscheff (Hoffmann-La Roche Ltd, CH)

“The Emerging Role of Proteomics for Elucidating Target and Drug Mechanisms in Early Drug Discovery”

12:35-12:50

Awards and closing remarks

12:35-12:45

Best oral presentation prize & best flash talk prize

12:45-12:50

Closing remarks – Michal Bassani (CHUV) & LS² Proteomics Board

13:00-14:30

***Farewell Lunch** (upon registration only!)*

14:30-15:30

LS² Proteomics Board Meeting