

**SEMM Workshop**  
**“The Proteomics Revolution: Advancing Science and Society”**  
**June 29 – July 1, 2026**  
**Quark Hotel, Milan, Italy**

**JUNE 29, 2026**

- |                  |   |
|------------------|---|
| h. 09.00 – 10.30 | <i>Registration</i>   |
| h. 10.30 – 10.40 | <b>Opening remarks by Tiziana Bonaldi</b> , <i>University Statale of Milan and European Institute of Oncology (IEO), Milan, Italy</i> |
| h. 10.40 – 10.50 | <b>Welcome remarks by Marina Brambilla</b> , <i>University Rector, University Ca’ Grande-La Statale of Milan Rector</i>               |
| h. 10.50 – 10.55 | <b>Introduction to Young Proteomics Investigator Club (YPIC) by Marie Chion</b>   |
| h. 10.55 – 11.00 | <b>Introduction to Females in Mass Spectrometry (FeMS) by Valentina Siino</b>   |

**Session 1: PROTEOMICS IN HEALTH AND DISEASES: from Biomarkers to Mechanisms and Therapies**

**Chairs:** Sara Zanivan and Early Career TBD

- |                         |   |
|-------------------------|---|
| h. 11.00– 11.05         | Session Introduction by the chairs  |
| h. 11.05– 11.35         | <b>Jennifer Van Eyk</b> , <i>Cedars-Sinai - Los Angeles, United States</i><br>Defining iPSC Proteomes as a Framework for Neurological Disease Modeling                            |
| h. 11.35 – 11.50        | Short Talk  |
| h. 11.50– 12.20         | <b>Javier Muñoz</b> <i>CNIO - Madrid, Spain</i><br>Thermal Stability Profiling as a Tool to Decipher Functional Impacts of Protein Methylation                                    |
| <i>h. 12.20 – 13.30</i> | <i>Lunch break</i>  |
| h. 13.30 – 14.00        | <b>Tami Geiger</b> , <i>Weizmann Institute of Science - Rehovot, Israel</i><br>Multi-Omic Integration in Cancer Biology: Decoding Protein-RNA Variants in Clinical Tumor Analyses |
| h. 14.00 – 14.15        | Short Talk  |

- h. 14.15 – 14.45 **Kelly E. Stecker**, *Utrecht University - Utrecht, The Netherlands*  
Mapping Signaling Dynamics in Tumor-T Cell Interactions
- h. 14.45 – 15.00 Short Talk
- h. 15.00 - 15.30 **Matthias Mann**, *Max Planck Institute of Biochemistry, Martinsried, Germany*  
Next-Generation Proteomics: Revolutionizing Biomedical Research with Ultra-Sensitive Mass Spectrometry
- h. 15.30 – 16.00 **Sponsor space** (5 mins per sponsor)
- h. 16.00 – 16.30 *Coffee break*

#### **PANEL DISCUSSION: BREAKING BARRIERS: Investing in Proteomics Future**

Chairs: Marie Chion & Valentina Siino

- h. 16.30 – 16.40 Panel Introduction by the chairs
- h. 16.40 – 16.50 **Jennifer Van Eyk**, *Cedars-Sinai - Los Angeles, United States*
- h. 16.50 – 17.00 **Leander van der Hoeven**, *NNF Center for Protein Research, Copenhagen, Denmark*
- h. 17.00 – 17.10 **Maria Rescigno**, *Humanitas University, Humanitas Research Hospital, Pieve Emanuele (MI), Italy*
- h. 17.10 – 17.20 **Albert Heck**, *Utrecht University, Utrecht, The Netherlands*
- h. 17.20 – 17.30 Biobreak*
- h. 17.30 – 17.50 Breakout sessions (20 mins discussion divided into groups)
- h. 17:50 – 18.20 Open discussion (short reporting by each group+discussion)

**Night free**

**JUNE 30, 2026**

h. 08.30 - 09.00 Meet the Speakers (moderated by Marie Chion and Leander van der Hoeven, YPIC)

**Session 2: SPATIAL PROTEOMICS: Unlocking Spatial Information of Proteomes and their Dynamics in Cells and Tissues**

Chairs: Tiziana Bonaldi and Early Career TBD

h. 09.00 – 09.05 Session Introduction by the chairs

h. 09.05 – 09.35 **Kathryn Lilley**, *University of Cambridge - Cambridge, UK*  
Cell-wide Orchestration by RNA and Protein Relocalization

h. 09.35 – 09.50 Short Talk

h. 09.50– 10.20 **Fabian Coscia**, *Max Delbrück Center for Molecular Medicine, Berlin, Germany*  
High-Resolution Spatial Proteomics: Integrating Laser Microdissection and  
Ultrasensitive Mass Spectrometry for Tissue-Specific Protein Mapping

h. 10.20 – 10.35 Short Talk

*h. 10.35 – 11.00 Coffee break*

h. 11.00– 10.30 **Anne-Claude Gingras**, *Lunenfeld-Tanenbaum Research institute - Toronto, Canada*  
Mapping Cellular Interactomes: Proximity-Dependent Biotinylation Strategies for  
System-Wide Protein Network Analysis

h. 11.30 – 11.45 Short Talk

h. 11.45 – 12.00 Flash Talks (3 minutes per speaker)

**h. 12.00 – 13.30 Poster Session**

*h. 13.30 – 14.30 Lunch break*

**Session 3: DECODING CELLULAR SIGNALING: Insights from Proteomics**

CHAIRS: Chiara Francavilla and Early Career TBD

h. 14.30 – 14.35 Session introduction by the chairs

h. 14.35 – 15.05 **Charo Maria Robles**, *Ludwig Maximilians Universität - München, Germany*  
Spatiotemporal proteomics mapping of chromatin-associated complexes regulating  
tissue-specific circadian function

h. 15.05 – 15.20	Short Talk
h. 15.20 – 15.50	<b>Marco Hein</b> , <i>Max Perutz Labs, Wien, Austria</i> Subcellular Proteome Dynamics: Global Profiling of Organelle Remodeling in Health and Disease
h. 15.50 – 16.05	Short Talk
<i>h. 16.05 – 16.25</i>	<i>Coffee break</i>
h. 16.25 – 16.55	<b>Petra Beli</b> , <i>Institute of Molecular Biology - Mainz, Germany</i> Regulation of Cellular Stress Responses by Phosphorylation and Ubiquitylation
h. 16.55 – 17.10	Short Talk
h. 17:10 – 17:40	<b>Angela Bachi</b> , <i>IFOM ETS The AIRC Institute of Molecular Oncology - Milan, Italy</i> Proteomics unveils BACE2 as a lipid gatekeeper in cancer
<i>h. 17.40 – 17:45</i>	<i>Biobreak</i>
<b>PANEL DISCUSSION: EMPOWERING THE NEXT GENERATION: The Future of Proteomics Careers</b> Chairs: Marie Chion & Valentina Siino	
h. 17.45 – 17.55	Panel Introduction by the chairs
h. 17.55 – 18.05	<b>Isabel Cabruja</b> , <i>Thermo Fisher Scientific, Milan, Italy</i>
h. 18.05 – 18.15	<b>Fabian Coscia</b> , <i>Max Delbrück Center, Berlin, Germany</i>
h. 18.15 – 18.25	<b>Mara Monetti</b> , <i>Memorial Sloan Kettering Cancer Center, New York, US</i>
h. 18.25 – 18.35	<b>Benjamin Garcia</b> , <i>Washington University School of Medicine, St. Louis, US</i>
h. 18.35 – 18.45	<b>Chiara Segre'</b> , <i>Umberto Veronesi Foundation, Milan, Italy</i>
<i>h. 18.45 – 18.55</i>	<i>Biobreak</i>
h. 18.55 – 19.15	Breakout sessions (20 mins discussion divided into groups)
h. 19:15 – 19.45	Open discussion (short reporting by each group)
<b>h. 20.30</b>	<b>Social Dinner</b>

**JULY 1, 2026**

h. 08.30 - 09.00 Meet the Speakers (moderated by Marie Chion and Leander van der Hoeven, YPIC)

#### **Session 4: THE PROTEOMICS REVOLUTION: Technological Innovation & Computational Advancements**

**Chairs: Albert Heck and Early Career TBD**

h. 09.00 – 09.05 Session introduction by the chairs

h. 09.05 – 09.35 **Richard Scheltema**, *University of Liverpool, Liverpool, UK*  
Improving Accuracy in DIA-based Clinical Proteomics Through Benchmarking and Post-Hoc Validation Tools

h. 09.35 – 09.50 Short Talk

h. 09.50 – 10.20 **Olga Vitek** *Khoury College of Computer Sciences, Northeastern University, Boston, US*  
Open-Source Innovations in Mass Spectrometry Imaging: Cardinal v.3 for Versatile Tissue Analysis

h. 10.20 – 10.35 Short Talk

*h. 10.35 – 11.00 Coffee break*

h. 11.00– 11.30 **Lisa Schweizer**, *OmicVision Biosciences - Copenhagen, Denmark*  
The Molecular Roadmap of Advanced Pancreatic Cancer: Insights from Spatial Proteomics

h. 11.30 – 11.45 Short Talk

h. 11.45 – 12.15 **Ben Garcia**, *Washington University School of Medicine, St. Louis, US*  
Quantitative Proteomics for Understanding Epigenetics Mechanism

#### **ROUNDTABLE: Biases in (Proteomics) Experimental Design in Basic Science and Medicine**

**Chair: Susanna Chiocca (IEO)**

h. 12:15 – 13.30 Open discussion with  
**Andrea Isidori**, *Sapienza University of Rome, Rome, IT*  
**Michela Matteoli**, *Humanitas University, Rozzano (MI), IT*  
**Annamaria Cattaneo**, *La Statale University, Milan, IT*  
**Fabio Conforti**, *Humanitas University, Pieve Emanuele (MI), IT*

h. 13.30 – 13.45 **Closing remarks by Sara Zanivan & Tiziana Bonaldi** and lunch package