



## Working in tandem:

1st Annual TMT Symposium

September 14-16, 2021

**ThermoFisher**  
SCIENTIFIC

| Date   | Time             | Track | Presentation Title                                                                                          | Speaker                                                                                                                                                                                                                                                            |
|--------|------------------|-------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14-Sep | 07:00 - 07:30 AM |       | Multiplexing our understanding of health and disease - Tandem Mass Tags and the coming decade of proteomics | Ian Pike<br>Interim Chief Executive Officer, Proteome Sciences plc                                                                                                                                                                                                 |
| 14-Sep | 07:30 - 08:00 AM |       | What is so great about TMT sample multiplexing reagents? Let me count the ways.                             | Steven Gygi<br>Professor, Department of Cell Biology, Harvard Medical School                                                                                                                                                                                       |
| 14-Sep | 08:00 - 08:30 AM |       | Streamlined processing and data acquisition for sample multiplexing                                         | Joao Paulo<br>Instructor in Cell Biology, Harvard Medical School                                                                                                                                                                                                   |
| 14-Sep | 08:30 - 09:15 AM |       | Quantitative Proteomics in Biology and Medicine at the Broad Institute                                      | Steven Carr<br>Senior Director of Proteomics, Institute Scientist, The Broad Institute<br>Namrata Udesi<br>Associate Director, Proteomics Platform, The Broad Institute<br>Shankha Satpathy<br>Senior Research Scientist, Proteomics Platform, The Broad Institute |
| 14-Sep | 09:15 - 09:45 AM |       | Automated high-throughput proteomics for large plasma cohort analyses                                       | Fiona McAllister<br>Principal Investigator, Calico Life Sciences LLC                                                                                                                                                                                               |
| 14-Sep | 09:45 - 10:30 AM |       | Multiplexed proteomics to measure protein dynamics during cell stress                                       | Christian Münch<br>Group Leader, Institute of Biochemistry II, Goethe University Frankfurt - Medical School                                                                                                                                                        |
| 14-Sep | 10:30 - 11:00 AM |       | Roundtable Discussion                                                                                       |                                                                                                                                                                                                                                                                    |
| 15-Sep | 07:00 - 07:10 AM |       | Introduction                                                                                                | Ryan Bomgarden, Ph.D.<br>Senior R&D Manager, Protein & Cell Analysis, Thermo Fisher Scientific                                                                                                                                                                     |

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| 15-Sep | 07:10 - 07:40 AM |  | Proteomics Sample Multiplexing Comes of Age                                                                | Ryan Bomgarden, Ph.D.<br>Senior R&D Manager, Protein & Cell Analysis, Thermo Fisher Scientific                                                                                                            |
| 15-Sep | 07:40 - 08:10 AM |  | Tips and Tricks in Instrument Method for TMT Quantitation Using Latest Version Instrument Control Software | Yang Liu<br>Application Scientist, Quantitative Proteomics, Thermo Fisher Scientific                                                                                                                      |
| 15-Sep | 08:10 - 08:40 AM |  | An overview of identification and quantification of TMT datasets using Proteome Discoverer 2.5             | David Horn<br>Senior Product Manager, Thermo Fisher Scientific                                                                                                                                            |
| 15-Sep | 08:40 - 09:10 AM |  | Clinical Phosphoproteomics to Uncover New Therapeutic Strategies for Cancer                                | Forest White<br>Professor of Biological Engineering, Massachusetts Institute of Technology (MIT)                                                                                                          |
| 15-Sep | 09:10 - 09:40 AM |  | Network-based Proteomics for Biomarker Discovery in Alzheimer's Disease                                    | Nicholas T. Seyfried<br>Associate Professor, Department of Biochemistry, Emory University School of Medicine                                                                                              |
| 15-Sep | 09:40 - 10:10 AM |  | Automated On-antibody TMT Labeling for Ubiquitin Profiling in Multiomics Sample Analyses                   | Keith Rivera<br>Research Scientist in the Proteomics Platform, Broad Institute of MIT and Harvard                                                                                                         |
| 15-Sep | 10:10 - 10:40 AM |  | Roundtable Discussion                                                                                      |                                                                                                                                                                                                           |
| 16-Sep | 07:00 - 07:10 AM |  | Introduction                                                                                               | John Rogers<br>Director, Chemistry and Biochemistry, Thermo Fisher Scientific                                                                                                                             |
| 16-Sep | 07:10 - 07:40 AM |  | Tandem mass tag-enabled multiplexed chemoproteomics workflows for drug discovery                           | Marcus Bantscheff<br>Senior Scientific Director, Cellzome, a GSK company<br>Nico Zinn<br>Group Leader - Mass Spectrometry, Cellzome, a GSK company                                                        |
| 16-Sep | 08:10 - 09:10 AM |  | The Spatial Organisation of the Cell                                                                       | Kathryn Lilley<br>Professor & Director of Cambridge Centre for Proteomics, University of Cambridge<br>Anja Andrejeva<br>Postdoctoral Researcher, Cambridge Centre for Proteomics, University of Cambridge |
| 16-Sep | 09:10 - 09:40 AM |  | Advanced Data Acquisition Approaches to Multiplexed Single Cell Analysis                                   | Chris Rose<br>Principal Scientist, Genentech Inc.                                                                                                                                                         |

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| 16-Sep | 09:40 - 10:10 AM |  | Leveraging TMT multiplexing for increased throughput in protein-centric characterizations of heterogeneity at the single cell level | Erwin Schoof<br>Associate Professor, Technical University of Denmark                                                        |
| 16-Sep | 10:10 - 10:40 AM |  | Optimizing TMT-based quantitative cross-linking mass spectrometry strategy for large-scale interactomic studies                     | Fan Liu<br>Group Leader & Head of Proteomics Research Platform, Leibniz-Forschungsinstitut for Molecular Pharmacology (FMP) |
| 16-Sep | 10:40 - 11:10 AM |  | Roundtable Discussion                                                                                                               |                                                                                                                             |