



**IMaSS**  
Italian Mass Spectrometry  
Society

## IMaSS Single Cell Day 2022 -Hybrid event

Parma, 12-10-2022

*A scientific meeting dedicated to the world of single cell analysis*

- 9:30-10:10 **Registration and Welcome breakfast**
- 10:10-10:30 **Prof. Barbara Montanini, Dr. Andrea Armirotti** *Welcome and introduction to the meeting*

*Session Chair: Andrea Armirotti*

- 10:30-11:00 **Erwin Schoof**, Technical University of Denmark; (title to be defined)\_virtual
- 11:00-11:20 **Chiesi Farmaceutici** (Speaker and title to be confirmed) \_in presence
- 11:20-11:50 **Speaker from ThermoFisher**; Thermo Fisher Scientific; **Multiplexed single cell proteomics : Going beyond one cell at a time**\_in presence
- 11:50-12:20 **David Hartlmayr**, Cellenion Proteomics Application Specialist; **An automated workflow for label-free and multiplexed Single Cell Proteomics using the cellenONE**\_in presence
- 12:20-12:50 **Ronald Cutler**, Albert Einstein College of Medicine, **Exploring cell-to-cell variation during aging**\_virtual
- 12:50-14:00 Lunch & Poster Session *Towards Single Cells Proteomics*

*Young Session Chair: Lolita Piersimoni & Barbara Montanini*

- 14:00-14:15 – Selected *Flash* oral communication from Poster session (3 young investigators, 5 mins)

*Session Chair: Simone Sidoli*

- 14:15-14:45 - **Bruker** (Speaker and title to be confirmed) \_in presence
- 14:45-15:15 – **Mario Armelao** – SCIEX; **Improved data-independent acquisition (DIA) and data-dependent acquisition (DDA) performance on low-level proteomic samples using a novel Zeno trap**\_in presence
- 15:15-15:45 **Prof. Nikolai Slavov**, Director Single Cell Proteomics Center, Northeastern University, USA\_ title to be defined\_virtual

- 15:45-16:00 **coffee break**
- 16:00-16:30 **Claudia Ctortecka**, Broad Institute of MIT and Harvard; **Under the looking glass: revealing proteome heterogeneity at single-cell and low input using the timsTOF SCP technology\_virtual**
- 16:30 – 17:00 **Karl Mechtler**, Research Institute of Molecular Pathology (IMP); title to be defined\_in presence
- All speakers: Wrap-up/discussion/round table

***This event is made possible thanks to the support of:***

Thermo, Bruker, Cellenion, Sciex, Chiesi

***Scientific & organizing committee:***

Barbara Pioselli, Lolita Piersimoni, Silvia Catinella, Barbara Montanini, Andrea Armirotti , Simone Sidoli, Claudio Iacobucci

***To register, please follow:*** <https://forms.gle/CX5nSswUt4SBbaUK7>