

FRONTIERS IN BIOMEDICINE: MASS SPECTROMETRY, BIOPRINTING, BIOMATERIALS AND BIOREACTORS

*Biotechnological Innovations and Updates
in the frame of the Horizon 2020- SCREENED EU proposal 825745*

March 12, 2019

Venue: Auditorium del Plesso Polifunzionale del Campus Universitario, Via delle Scienze
UNIVERSITA' degli STUDI DI PARMA, CAMPUS



PROGRAM

9.30 Welcome message: *Sara Rainieri, Ruggero Bettini (University of Parma)*

MASS SPECTROMETRY

Moderators: Lisa Elviri; Chiara Dall'Asta (University of Parma)

9.40 **Daniele Del Rio - Chiara Dall'Asta (University of Parma)**

Healthy and dangerous bioactives in food: the essential use of mass spectrometry

10.10 **Steven Pennington (University College of Dublin, EI)**

Quantitative proteomics for the development of new protein tests

10.40 **Lisa Elviri (University of Parma)**

Targeted and omic- mass spectrometry to monitor cell proliferation on biomaterials.

10.55 Coffee Break

11.10 **Stephen Lock (Sciex Separation, UK)**

Capillary electrophoresis solutions for the biopharma sector.

BIOPRINTING, BIOMATERIALS, BIOREACTORS

Moderators: Roberto Toni (University of Parma); Anna Tampieri (CNR-ISTEC, Faenza)

11.50 **Carlos Domingues Mota (University of Maastricht, NL)**

Bioprinting technologies for tissue and organ constructs

12.20 **Anna Tampieri (CNR-ISTEC, Faenza)**

Nature inspires smart materials for regenerative medicine and nanomedicine

12.50 **Paola Occhetta (Tissue Engineering Laboratory, University of Basel, CH)**

Innovative 3D cell culture platforms: from basic science to translational medicine

13.20 Conclusions

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