

IMASS PHARMA NETWORK 2015

PROGRAM

Monday 26 October 2015

- 14.00 - 15.00 Registration
- 15.00 - 15.30 **Opening Ceremonies**
Ornella Curcuruto & Ciriaco Maraschiello (Aptuit srl, Verona, Italy)
- 15.30 - 16.30 **Opening lecture**
Andrea Chiesi (Chiesi Farmaceutici S.p.A., Parma, Italy)
Holoclar[®], the first stem cell—based medicinal product
- 16.30 - 17.10 **Coffee break**

MS in Pharma Research

Chairman: Simona Scarpella (Nerviano Medical Sciences, Milan, Italy)

- 17.10 - 17.40 **Key Note 1**
Sebastien Brier (Institute Pasteur, Paris, France)
Probing hydrogen exchange in proteins by mass spectrometry
- 17.40 - 18.00 **Oral 1**
Eleonora Calandra (Istituto di Ricerca Pediatrica, Padova, Italy)
The development of a matrix-assisted laser desorption/ionization (MALDI)-based analytical method for quantification of irinotecan in human plasma
- 18.00 - 18.20 **Oral 2**
Laura Tigli (Chiesi Farmaceutici S.p.A., Parma, Italy)
Investigating pulmonary drug distribution through quantitative Imaging Mass Spectrometry approach
- 18.20 - 18.50 **Plenary Lecture 1**
Mario Varasi (European Institute of Oncology, Milan, Italy)
(R)evolution in drug discovery
- 18.50 - 20.30 **Cocktail and welcome concert by Associazione Studenti Musicologia e Beni Culturali, Università di Pavia**

Tuesday 27- October 2015

MS from Drug Discovery to Pharma Development

Chairman: Fabio Bonelli (IRBM, Roma, Italy)

9.00 - 9.40

Plenary Lecture 2

Edith Monteagudo (IRBM, Rome, Italy)

Discovery of Grazoprevir (MK-5172) a Pangenotype Inhibitor of HCV NS3/4A Protease currently under U.S. FDA marketing approval in combination with Elbasvir

9.40 - 10.00

Oral 3

Marco Michi (Aptuit Verona, Italy)

Development and validation of a challenging chiral assay for (S) and (R)-Pramipexol in human plasma by LC-MS/MS

10.00 - 10.20

Oral 4

Chiara Bigogno (APHAD, Milan, Italy)

Evaluation of a New Microsampling Technique for Pharmacokinetic Characterization in the Drug Discovery Phase

10.20 - 10.40

Oral 5

Leonardo Mendes de Souza Mesquita (Universidade Estadual Paulista 'Júlio de Mesquita Filho', san Paulo, Brasil)

Dereplication by FIA-ESI-IT-MSn of secondary metabolites from Rhizophora mangle and antioxidant activity

10.40 – 11.10

Coffee break

Chairman: Caterina Temporini, University of Pavia, Italy

11.10 - 11.40

Key Note 2

Koen Sandra (Metablys and RIC. Kortrijk, Belgium)

Chromatographic tools for the analytical characterization of mAbs and ADCs

11.40 - 12.00

Oral 6

Sara Tengattini (Department of Drug Sciences, University of Pavia, Italy)

Rational design and analytical characterization of potential neo-glycovaccines against tuberculosis

12.00 - 12.20

Oral 7

Federica Vacondio (Department of Pharmacy, University of Parma, Italy)

Antidepressant-like and cardioprotective activity of FAAH inhibitor URB694 in a murine model of social stress: a behavioral and HPLC-ESI-MS/MS study

12.20 - 12.50

Key Note 3

Cinzia Stella (Genentech, San Francisco, USA)

Characterization of Oxidative Carbonylation on Recombinant Monoclonal Antibodies

13.10 - 14.30

Lunch

13.10 - 14.30

Lunch Seminar Agilent

Dr. Moritz Wagner (Market Specialist EMEA)

High-throughput mass spectrometry as tool for Screening and ADME workflows

14.30 - 16.00

IMaSS members assembly

16.00 - 16.40

Coffee break

Chairman: Chiara Bigogno (APHAD, Milan, Italy)

16.40 - 17.00

Key note 4

David Lascoux (Waters Corporation - EHQ France)

Complete characterization of mAb and ADC using Unifi system solution

17.00 - 17.20

Oral 8

Luca Regazzoni (University of Milan, Italy)

Protein analysis by means of electrospray ionization mass spectrometry: applications in drug discovery, design and development.

Wednesday 28 October 2015

MS from Pharma Development to Pharma Launch

Chairman: Andrea Raffaelli, CNR Pisa, Italy

9.30 – 10.00

Key note 5

Davy Guillarme (Universities of Geneva and Lausanne, CH)

Liquid chromatography and its application to the analysis of intact protein biopharmaceuticals

10.00 – 10.20

Oral 9

Matteo Stocchero (S-IN, Soluzioni Informatiche, Vicenza, Italy)

QbD principles in LC method development

10.20 - 10.40

Oral 10

Manuela Bartolini (Department of Pharmacy and Biotechnology, University of Bologna, Italy)

On-Line Glycan Release and Analysis by An Integrated Pngase F-IMER LC-ESI-Q-ToF Approach

10.40 - 11.00

Coffee break

Chairman: Angelo Palmese (MerckGroup Rome, Italy)

11.00 - 11.30

Key note 6

Alain Van Doersselaer (CNRS - Institut Pluridisciplinaire Hubert Curien, Strasbourg, France)

Proteomics and native mass spectrometry for the characterization of biopharmaceuticals

11.30 - 11.50

Oral 11

Roberto Fantozzi (Hamilton Robotics, Italy)

The role of automation in Mass Spectrometry

11.50 - 12.10

Oral 12

Kerstin Pohl (Sciex Germany GmbH, Darmstadt, Germany)

Increased Confidence in Host Cell Protein Workflow: Biologics Done Right

12.10 - 12.30

Closing Remarks

12.30 - 14.00

Light Buffet