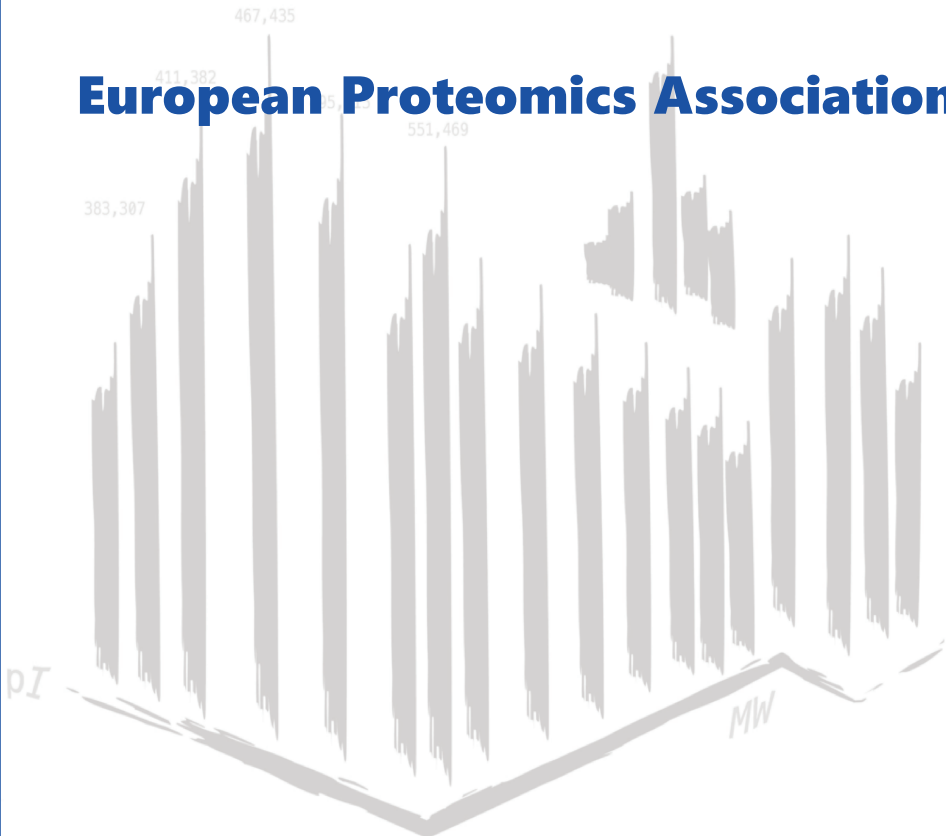


IX Annual Congress - EuPA

23rd - 28th JUNE 2015

European Proteomics Association



UNDER THE AUSPICES OF



UNIVERSITÀ DEGLI STUDI
DI MILANO
DIPARTIMENTO DI SCIENZE
VETERINARIE E SANITÀ PUBBLICA



Under the Patronage of



WELCOME

The ItPA, Italian proteomics Association, has been particularly focused in the last years in providing a common framework of exchange between the fast advancing challenges in the Human Proteomics field and the non-Human - Comparative Proteome investigations. The interaction between these two different worlds has already produced the first actual Proteomics CE-IVD products for the health-care market, the MALDI-Biotyper and its twin products. We have followed several initiatives in this light since 2011 organizing several events dedicated to Proteomics in global health. In particular in collaboration with different European Commission of Science and Technologies (COST) actions the perspective of novel Proteomics technological advances have been explored in this field. The COST BM1403 co-organized scientific sessions and educational programs are a clear example of integration of the challenging field of Native Mass Spectrometry with the Proteomics community at large. Moreover the Imaging Mass Spectrometry session will present the work of the COST BM 1104 advancement in this highly innovative field on the verge of the clinical health-care application. With this Congress we openly aim to provide an agora for clinical proteomics investigations and non-human proteome studies, bringing into the discussion the role of Proteomics in the One-Health vision. This will be the leitmotiv of the EuPA scientific program which will be following the C-HPP workshop inside the EXPO2015. This unique condition will open to the proteomics community an unprecedented window to possibly communicate to the society the fundamental advancements of Proteomics research. So, we are greatly honored and pleased to welcome you in the prestigious location of University of Milano, and hope that you will enjoy the Congress.

Luigi Bonizzi

President of Congress



Paola Roncada

Chair of Organizing
Committee



Andrea Urbani

President of the Italian
Proteomics Association



COMMITTEES

President of the Congress

Luigi Bonizzi

Scientific Committee

Emoke Bendixen

Luca Bini

Luigi Bonizzi

Massimo Castagnola

Garry Corthals

Mauro Fasano

Gyorgy Marko-Varga

Alessandra Modesti

Paola Roncada

Anna Maria Timperio

Andrea Urbani

Peter Verhaert

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Paola Roncada

Luigi Bonizzi

Gabriella Tedeschi

Armando Negri

Tiziana Alberio

Isabella Alloggio

Mauro Fasano

Viviana Greco

Cristian Piras

Alessio Soggiu

INVITED SPEAKERS

Adriano Aguzzi
Alexander Archakov
Alison Ashcroft
Mohan Babu
Mark Baker
Perdita Barran
Bernd Bodenmiller
Sarah Cianferani
Garry Corthals
Jürgen Cox
Karin Hoffmann-Sommergruber
Peter L. Horvatovich
Christian Huber
Lisa Jones
Jesús Jorrín Novo
Oleg Krokhin
Joshua LaBaer
Lydie Lane
Alexander Leitner
Kathryn Lilley
Gyorgy Marko Varga
Lennart Martens
Gabriel Mazzucchelli
Liam A. McDonnell
Giampaolo Merlini
Alexey I. Nesvizhskii
Gilbert S. Omenn
Chris M. Overall
Young-Ki Paik
Paola Picotti
Kasper Rand
Jean Charles Sanchez
Frank Sobott
Giulio Superti-Furga
Andreas Tholey
Mathias Uhlén
Henning Urlaub
Marc Vaudel
Hans Westerhoff
Pengyuan Yang
Jong Shin Yoo

CONGRESS VENUE

The “IX Annual Congress - EuPA - European Proteomics Association” will be held
at **Università degli Studi di Milano**
Via Festa del Perdono, 7, 20122 Milano
www.unimi.it

HOW TO REACH US

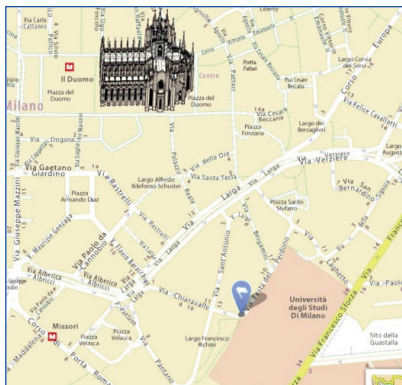
The fastest and cheaper way to move around the city is by **underground** (Metropolitana).

The two metro lines which stop near Via Festa del Perdono are: the **red line** (DUOMO station) and the **yellow line** (MISSORI station).

From these stops you can simply walk to the Congress site.

If you need **Taxi**:

+39 02 8585 - +39 02 6969 - +39 02 4040



CATERING SERVICES

Coffee breaks are provided as scheduled in the scientific program.

Breakfast, lunch and coffee simposia have been organised by some Companies.

The participation in those sessions is reserved to delegates who have made the pre-reservation (upon presentation of a ticket).

CERTIFICATE OF ATTENDANCE

Certificate of attendance has to be picked up at the Registration Desk before departure.

NAME BADGE

All participants will receive a name badge when they check in at the registration desk. The badge must be worn at all times because only registered participants will be admitted to the scientific sessions.

GENERAL INFORMATION

OFFICIAL LANGUAGE

The official language of the Congress is English.
Simultaneous translation is not provided.

OPEN WIFI MILANO

Open wifi Milano is a free wifi service provided by the Municipality of Milano in several city areas.
For further information: info.openwifimilano.it

WIRELESS CONNECTION

Complimentary internet access is available at **EDUROAM** if you are already registered as professor or student.
In addition to the above, you can connect through wireless open "unimi-convegni" from 24th to 27th June.

ORGANISING SECRETARIAT

MZ Congressi srl
via Carlo Farini 81
20159 Milano
Phone: +39 02 66802323
www.mzcongressi.com
info@eupa2015.org



At the congress venue, from Tuesday 23 June to Friday 26 June:
+39 339 727553

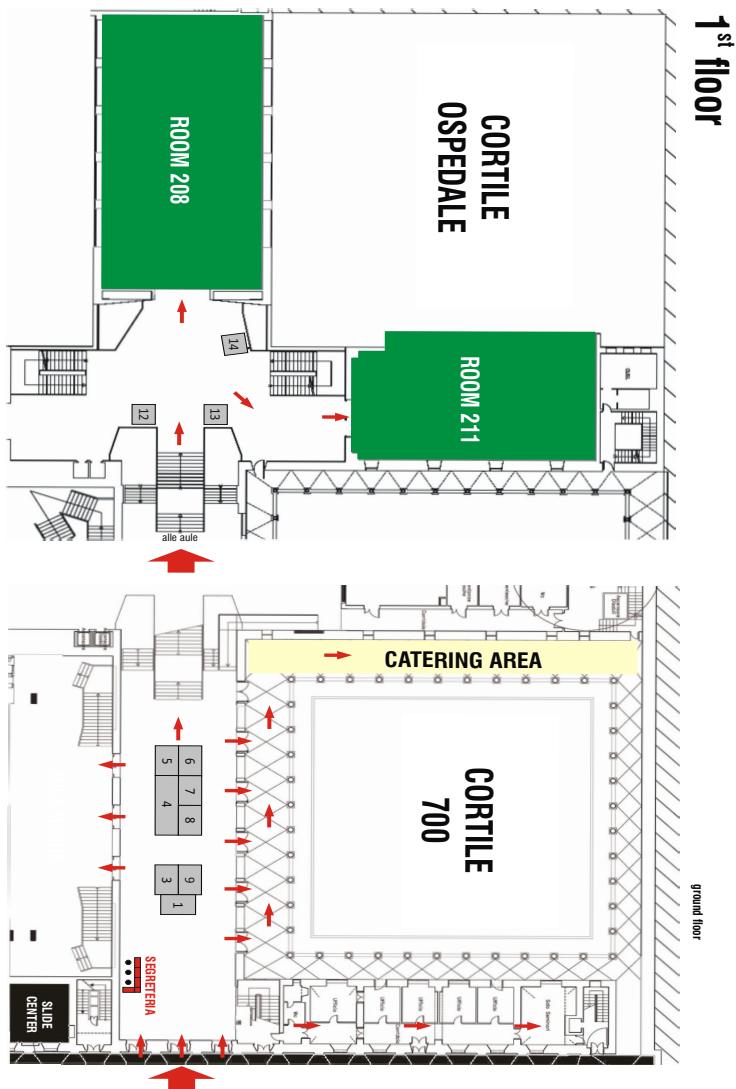
REGISTRATION DESK

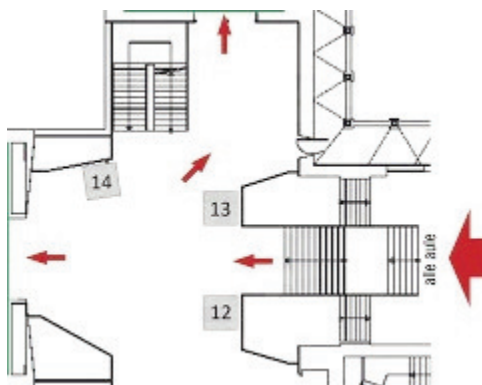
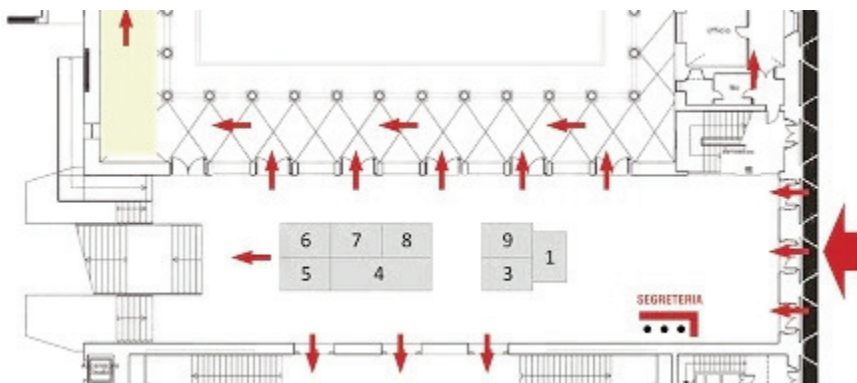
The registration desk, located in the exhibition area, is open as follows:

Tuesday, 23 June	05:00 pm – 06:00 pm
Wednesday, 24 June	07:30 am – 07:00 pm
Thursday, 25 June	08:30 am – 07:00 pm
Friday, 26 June	08:30 am – 07:00 pm

INDUSTRY EXHIBITION

All major international companies active in the field of proteomics are represented. The Exhibition Area is open at the same schedule time of the Registration Desk.





Exhibitors:

- | | |
|-------------------------|------------------------|
| 1) Sciex | 12) Istanbul EuPA 2016 |
| 3) Waters | Organising Committee |
| 4) Thermo Fisher | 13) Edises |
| 5) Bruker | 14) Denator |
| 6) Cambridge Isotope | |
| Laboratories | |
| 7) Elsevier | |
| 8) Agilent Technologies | |
| 9) Sigma Aldrich | |

SOCIAL PROGRAM

SOCIAL AND CULTURAL EVENING

Thursday, June 25th at 8:30 pm
Loggiato del Rettorato
Via Festa del Perdono, 7
University of Milan

All delegates and their accompanying person are invited to attend the Social Dinner that will take place in the nice Loggiato del Rettorato at 8:30 pm.

Tickets are purchasable onsite at Registration Desk but with limited seats availability.

Fee: € 50,00 (vat not included)

MUMAC MUSEUM - HOW TO MAKE A REAL ESPRESSO



Sunday, June 28th at 10:30 am welcome coffee.

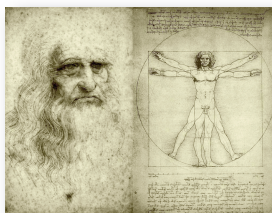
Visit to Mumac Museum.

Coffee Lesson: how to make a real espresso.

Fee: free for regular delegate

Please, register at Social Events Desk

WALKING TOUR IN LEONARDO DA VINCI'S FOOTSTEPS



Sunday, June 28th

Departure at 2 pm from University of Milan.

Fee: free for regular delegate

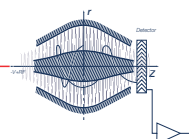
Please, register at Social Events Desk

Happy 10.0000th

For 10 years, you've never stood still. Neither have we. Celebrate 10 years of Orbitrap MS with us at EUPA and see what the future holds.

Transform your science.

• thermoscientific.com/proteomics



The Orbitrap:

A novel high-performance electrostatic trap introduced 10 years ago.

2005: Commercial release of LTQ Orbitrap tandem mass spectrometer

2008: Complete proteome of a yeast

2014: First draft of the human proteome map

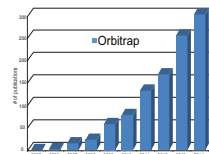
2015: Orbitrap celebrates its 10th anniversary

2012: Chosen to ensure athletes play true at a major international sporting event



Thermo Scientific™ Orbitrap™ Q Exactive™ MS system:

Unmatched Quan/Qual performance introduced 4 years ago.



Published papers from Nature Family and Science citing the Orbitrap mass analyzer significantly increase.

c-HPP SHOWCASE MEETING

EXPO 2015 - PADIGLIONE ITALIA

TUESDAY, JUNE 23RD

10:30	<i>Y. K. Paik, P. Roncada, A. Urbani</i>		Welcome address and Congress Opening
10:45	<i>M. Uhlén</i>		Deciphering Mitochondrial Proteome
11:15	<i>M. Fasano</i>	mt	Mitochondrial Proteome in Neurodegenerative Disorders
11:30	<i>Y. K. Paik</i>	13	Expression Landscape of the Hepatocellular Carcinoma-Associated Mitochondrial Proteins
11:45	<i>G. Omenn</i>	17	Chromosome 17: Analyses of Splice Variance and Biological Pathways related to ERBB2 (Her2/neu) in Breast Cancers
12:00	<i>C. Overall</i>	6	Protein TAILS tell remarkable tails in the HPP
12:15	<i>M. Baker</i>	7	Finding the Human Proteome Project's Missing Proteins and Sharing a Common Language
12:30	<i>J. LaBaer</i>	10	IVTT-coupled proteomic identification of missing proteins
12:45	<i>E. Lundberg</i>		Detecting missing proteins in the Human Protein Atlas project
13:00	Lunch Break		
14:30	Bioinformatics Session		<i>Nesvizhskii, Martens, Cox, Vaudel</i>
15:00	<i>L. Lane</i>	2	The uncharted human proteome
15:15	<i>J. S. Yoo</i>	11	Bioinformatic pipeline using proteomics search engines with proteogenomic databases for CHPP
15:30	<i>A. Archakov</i>	18	The first master proteome of single chromosome: example of human chromosome 18
15:45	<i>C. Pineau</i>	14	Human testis and spermatozoa as models to search for missing proteins in the context of the chromosome-centric Human Proteome Project HPP
16:00	<i>P. Horvatovich</i>	5	Disease pathology and Proteoinforms: Bioinformatics - The bio-diversity of proteomes
16:15	<i>G. Marko-Varga</i>	19	Disease Pathology and Biobanking: Discovering New Biomarkers
16:30	<i>F. Corrales</i>	16	C-HPP in Spain. One step beyond the understanding of human biology and disease
16:45	<i>P. Yang</i>	8	Peptide or small protein - a investigation on Lnc-RNA
17:00	<i>G. Omenn</i>		Building a legacy for the HUPO Human Proteome

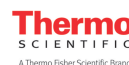
VISIT EXPO

SCIENTIFIC PROGRAM

08:00 am

Breakfast Seminar

Sponsored by Thermo Fisher Scientific
B. Doman Advances in Targeted Proteomics Analyses:
Parallel Reaction Monitoring Version 2.0



09:00 am

PLENARY SESSION Aula Magna

MICROBIAL AND VIRAL

Chair: P. Roncada and L. Bonizzi

9:00 - A. Aguzzi - Molecular Biology of Prions

9:35 - C. Overall - Proteogenomics Reveals intracellular and nuclear activity of a secreted macrophage metalloproteinase in viral infection is essential to invoke the IFN α secretion by regulating gene transcription

10:15 am Coffee Break and POSTER SESSIONS

10:45 am

PARALLEL SESSIONS

Microbial and Infectious Proteomics - Aula Magna

Chair: P. Roncada and C. Overall

10:45 - F. Schmidt - A combined proteomics approach for the characterization of the human adaptive immune response to *S. Aureus* antigens

11:20 - T. Chaze - Modulation of the human neuronal proteome upon west nile and japanese encephalitis virus infection

11:40 - J. Malmström - Probing plasma proteome homeostasis in severe infectious disease using tissue specific spectral libraries and dia-ms

12:00 - E. Milani - AP-MS and BioID analysis of the HBx Viral-Host interactome

12:20 - R. C. Rodrigues - A proteomic approach to decipher the oxidative stress response of an atypical aerotolerant strain of *Campylobacter jejuni*

WEDNESDAY, JUNE 24TH

Integrated OMICS - Aula 208

Chair: P. Verhaert and A. Negri

10:45 - O. Krokhin - Separation science in the proteomics era: an abundance of data impacts our understanding of chromatography

11:20 - V. Matafora - Exploring mitosis dynamics by combining dia and dda strategies

11:40 - A. Gagliardi - Functional proteomics in dominant and recessive forms of osteogenesis imperfecta

12:00 - R. P. Zahedi - Simplex - a multimolecular omics approach for systems biology

12:20 - I. Edwards - Microfluidics coupled mass spectrometry for multi-omics/targeted assays in translational research

Plant Proteomics- Aula 211

Chair: A. Scaloni

10:45 - J. Jorrín Novo - Why and how to move from the descriptive stage in plant proteomics research?

11:20 - B. M. Alexandre - New phosphorylation sites in key proteins of C4 photosynthesis in Maize: uncovering the signaling events in the activation of key enzymes

11:40 - I. M. Luís - Optimizing the protein extraction method for phosphoproteome analysis in a C4-photosynthetic plant

SCIENTIFIC PROGRAM

01:00 pm

Luncheon Seminar

Sponsored by Waters

I. Edwards

A. Corbin

A. Jones

Multi-Omics MS Technology Update

Progenesis QI for Multi-Omics Studies

Large Scale Quantitation of Stable Isotope Labelled Proteomes using Retention Time and Drift Time Profiling

Waters
THE SCIENCE OF WHAT'S POSSIBLE.™

03:00 pm

PLENARY SESSION Aula Magna

BIOINFORMATICS

Chair: P. Horvatovic and K. Mechtler

03:00 - A. Nesvizhskii - Computational advancements and challenges in MS-based proteomics

03:35 - L. Martens - Small microbes, big problems: metaproteomics tools and challenges

04:15 pm Coffee Break and POSTER SESSIONS

04:45 pm

PARALLEL SESSIONS

Proteoinformatics - Aula Magna

Chair: A. Jones and G. Omenn

04:45 - J. Cox - Controlling false discovery rates (FDRS) in genome-wide proteomics data sets

05:20 - M. Vaudel - Proteomics for high resolution medicine: from science fiction to the clinics

05:55 - K. Mechtler - A novel software suite for accurate label free quantification of protein complexes

06:20 - E. Ponomarenko - Estimation of protein species number based on consolidation of postgenomic data in gene-centric knowledgebase

06:45 - E. Kontopodis - Insights of the Human Proteome based on unique peptide analysis

WEDNESDAY, JUNE 24TH

Biobanking, standardization and targeted approaches - Aula 208

Chair: G. Marko-Varga and C. Pineau

04.45 - G. Marko-Varga - Semi-automated biobank sample processing with a 384 high density sample tube robot used in cancer and cardiovascular studies

05:20 - T. Alm - Affinity Binder Knock-Down Initiative

05:40 - F. Canals - A Multi-Centric Study To Evaluate the Use of Relative Retention Times in Targeted Proteomics

06:00 - S. Fraselle - A urinary protein biomarkers panel to discriminate progressive from non-progressive chronic kidney disease using a targeted proteomics method.

06.20 - M. Manfredi - Application of SWATH-MS to different biological matrices for fast and quantitative proteomics analysis

Functional Proteomics - Aula 211

Chair: L. Bini and F. J. Corrales

04:45 - H. Clausen - Precise gene editing technologies - a revolution for glycomics
05.20 - G. Palmisano - Protein glycosylation analysis of Trypanosoma cruzi in different life stages

05:45 - G. Grande - Proteomic characterization of the qualitative and quantitative differences in cervical mucus composition during the menstrual cycle

06:05 C. Cattaneo - The secret(e)s of Cellulomonas fimi interacting with cellulose

SCIENTIFIC PROGRAM

09:00 am **PLENARY SESSION** Aula Magna

NON HUMAN PROTEOMICS

Chair: P. Roncada and A. Tholey

09:00 - L. J. Foster - Guiding selective breeding in honey bees using protein biomarkers

09:35 - A. Gonzalez-Bulnes - The use of large animal models in proteomics of metabolic disorders.

10:15 am Coffee Break and POSTER SESSIONS

10:45 am **PARALLEL SESSIONS**

Proteomics of Metabolic and Cardiovascular Disorders - Aula Magna

Chair: A. Modesti and P. Ping

10:45 - F. J. Corrales Izquierdo - Changes on the proteome and methyl proteome triggered by a deficiency on Mtap in liver cells.

11:20 - A. Sickmann - Moving from inventory to personalized medicine: reducing cardiovascular mortality

11:55 - U. Eckhard - The human heart N-terminome: A new strategy to identify Human Proteome Project "missing proteins" using N-terminal peptides.

12:20 - K. Kratochwill - Equalizer technology and TMT-based proteomics for detection of cellular proteins in clinical peritoneal dialysis effluents

Mitochondria & Metabolism - Aula 208

Chair: M. Fasano and A. Urbani

10:45 - M. Babu - Network analyses of mitochondria reveal new components associated with neurodegenerative disorders

11:20 - E. Lundberg - Towards a complete Subcellular Protein Atlas

11:55 - M. Ronci - High Density Proteome Coverage of Enriched Mitochondria Fractions from Human Cell Lines

12:15 - F. Ciregia - Palmitate treatment promotes protein lysine acetylation in rat INS-1E mitochondria

12:35 - A. Soggiu - In depth mitochondrial proteome profiling of the monocytic cell line THP-1

THURSDAY, JUNE 25TH

SCIENTIFIC PROGRAM

imOP Initiative on Multi-Organisme Proteomics - Aula 211

Chair: L. Bonizzi and M. Montedoro

10:45 - A. Tholey - Interaction of species - a versatile playground for proteomics

11:20 - I. Miller - Characterization of pig saliva proteins and identification of lipocalin-1 as a marker of transport stress

11:40 - A. Katsafadou - Proteomic analysis of blood and milk of ewes with experimental mastitis induced by *Mannheimia haemolytica*

12:00 - A. Bassols - PBMC proteins involved in cell migration and immunomodulation identified as potential pig welfare markers by DIGE

12:20 - C. Kondethimmanahalli - Proteomic Changes Associated with Successive Reproductive Periods in Male Polychaetous *Neanthes arenaceodentata*

12:40 - V. Grieco - Network for the Evaluation of One Health (NEOH)

01:00 pm

Luncheon Seminar

Sponsored by Sciex



J. Dojhan

SWATH™ Acquisition and the OneOmics™ Project: from MS Data Acquisition to Biological Answers

C. Pineau

Combining Next Generation Proteomics and NGS through OneOmics™ to gain new insights into human spermatogenesis

02:00 pm

Coffee & Cake Seminar

Sponsored by Thermo Fisher Scientific



C. Overall

Using the 10-Plex TMT Quantitative TAILS N-Terminomics with Thermo Scientific Orbitrap Fusion MS to Understand the Mechanism for NFκB Deficiency in Autoimmunity

03:00 pm

PLENARY SESSION Aula Magna

HUMAN PROTEOMICS

Chair: A. R. Pitt and P. Mocarelli

03:00 - G. Superti-Furga - Medical systems biology and the mechanism of action of drugs

03:35 - G. Merlini - Proteomics in the understanding and management of systemic amyloidoses

04:15 pm Coffee Break and POSTER SESSIONS

THURSDAY, JUNE 25TH

SCIENTIFIC PROGRAM

04:45 pm

PARALLEL SESSIONS

Cancer - Aula Magna

Chair: C. Gelfi and A. Sickmann

04:45 - Y. K. Paik - Multiple functions of the human carboxylesterase 1 in hepatocarcinogenesis

05:20 - B. Domon - Towards a "Load and Play" Solution for Parallel Reaction Monitoring Assays

05:40 - M. J. Castillo - Targeted quantitative proteomics for cancer biomarker validation via high sample throughput N-in-1 uMS

06:00 - I. Pucci-Minafra - Large scale 2d-gel based proteomics of breast cancer tissues to detect putative tumour markers

06:20 - D. Scumaci - Plasma Proteomic Profiling in Hereditary Breast Cancer

Protein Post Translational Modifications- Aula 208

Chair: G. Corthals and M. Castagnola

04:45 - G. Corthals - Phosphorylation analysis: knowledge beyond comparison?

05:20 - K. Gallardo - Quantitative Profiling of Post-translational Modifications of Histones by LC-MS/MS

05:40 - G. Sigismondo - Dynamic profiling of chromatin at enhancers of inflammatory genes

06:00 - A. Cuomo - An Integrate HRMS-Based Proteomics Approach to Identify and Quantify Histone Modifications

EuPA INITIATIVES & COMPANY CLUB - Aula 211

Chair: A. Lisitsa

04:45 - A. Lisitsa - Flagship Program for EuPA Initiatives: Opportunities for Company Club

04:55 - F. J. Corrales - Standardization Initiative. Integrating proteomic strengths across Europe

05:10 - T. Alm - Affinity Binder Knock-Down Initiative

05:25 - A. Wheelock - Improving productivity&quality in Biobanking: the need for synergy between industry, academia and the public sector.

05:40 - Utility of EuPA Initiatives for established corporation (Presentations of CC members):

K. Ray (Sigma Aldrich) - Sigma-Aldrich Product Development and Future Directions in Support of Proteomics Standardization; Biobanking and Validation using CRISPR Knockout Technology

S. Pellenz (Antibodies-online.com) - Independent Validation Initiative

06:10 - Utility of EuPA Initiatives for SME and start-ups - Round table discussion

THURSDAY, JUNE 25TH

SCIENTIFIC PROGRAM

09:00 am **PLENARY SESSION Aula Magna**

DIAGNOSTICS and TRANSLATIONAL

Chair: Y. K. Paik and A. Lucacchini

09:00 - M. Baker - Translational signatures of colorectal cancer

09:35 - J. C. Sanchez - Discovery of brain biomarkers and their translation to clinical settings.

10:15 am Coffee Break and POSTER SESSIONS

10:45 am **PARALLEL SESSIONS**

Native MS and biopharmaceutical COST BM 1403 - Aula Magna

Chair: F. Sobott

10:45 - F. Sobott - Native MS and structural proteomics - the state of the art

11:20 - H. Urlaub - Cross-linking in macromolecular assemblies

11:50 - P. Barran - Molecular Insights to the Thermal Stability of Protein Complexes with Variable Temperature Ion Mobility Mass Spectrometry

12:20 - G. Mazzucchelli - De Novo sequencing using MELD proteolysis coupled to a "Sequence Assembly" Algorithm

Allergy and foodomics - Aula 208

Chair: P. Roncada and G. Tsangaris

10:45 - K. Hoffmann-Sommergruber - How proteomics can improve diagnosis of allergy

11:20 - C. Huber - Proteomic and secretomic responses of antigen-presenting cells to stimulation with birch pollen allergen

11:55 - T. Cirkovic Velickovic - Immunoproteomics of Tilia cordata pollen reveals novel and known homologues of respiratory allergens

12:15 - C. Piras - Molecular mechanisms of biofilm formation of S. aureus food isolates: new insights for food safety

12:35 - A. Cerquone - Probiotic-containing chewing-gum production: purification and proteomic characterization of bacteriocins of Lactobacillus salivarius

Neuroproteomics - Aula 211

Chair: M. Fasano and G. Tedeschi

10:45 - P. Picotti - Probing protein structural changes in health and disease

11:20 - A. Armirotti - Peroxide-dependent mgl sulfenylation regulates 2-ag-mediated endocannabinoid signaling in brain neurons

FRIDAY, JUNE 26TH

SCIENTIFIC PROGRAM

11:45 - *C. Fania* - CSF maldi profiling for the identification of novel biomarkers in dementia patients

12:10 - *V. Greco* - Mitochondria protein repertoire adaptation in animal models of Amiotrophic Lateral Sclerosis

01:00 pm

Luncheon Seminar

Sponsored by Bruker



"Proteomics on a time-of-flight instrument"

L. Foster

Where genomics can't go: practical applications of proteomics in agriculture and medicine.

M. Barret

Evaluation of quadruple time-of-flight mass spectrometry for qualitative and quantitative proteomics.

Andersen

02:00 pm

Coffee & Cake Seminar

Sponsored by Waters - Waters Food Research



S. Stead

Rapid Evaporative Ionization Mass Spectrometry for Food Research: REIMS Research System with iknife Sampling for Direct MS Analyses of Food for Authenticity, Quality, Profiling and Marker Identification

03:00 pm

PLENARY SESSION Aula Magna

CELLULAR and SYSTEMS BIOLOGY

Chair: I. Messina and A. Ozpinar

03:00 - *K. Lilley* - Spatial proteomics on a cell-wide scale

03:35 - *H. Westerhoff* - Proteomics for Individualized Medicine: yes, but how?

04:15 pm Coffee Break and POSTER SESSIONS

04:45 pm

PARALLEL SESSIONS

Structural proteomics COST BM 1403 - Aula Magna

Chair: A. Ashcroft and T. Janaky

04:45 - *A. Ashcroft* - Using ion mobility-mass spectrometry for protein structural studies

05:20 - *L. Jones* - In Cell Footprinting for the Structural Analysis of Proteins

05:50 - *S. Cianferani* - Native MS and Ion Mobility for the analysis of mAbs and related products

06:20 - *K. Rand* - H/D exchange and mass spectrometry to characterize the conformation and interactions of complex proteins of therapeutic interest

FRIDAY, JUNE 26TH

SCIENTIFIC PROGRAM

Imaging Mass Spectrometry - Aula 208

Chair: F. Magni and L. McDonnell

04:45 - L. McDonnell COST BM 1104 - De novo discovery of tumor clones linked to metastasis and poor prognosis using maldi mass spectrometry imaging

05:20 - B. Bodenmiller - Simultaneous and targeted imaging of 100 biomarkers on tissues with subcellular resolution by mass cytometry

05:55 - M. Marchetti-Deschmann - From Proteomics to Mass Spectrometry Imaging – The Study of Mycoparasitic Interactions

06:10 - Y. Sugihara - A Personalized Medicine Distribution in Malignant Melanoma Tissue with MALDI-MS Imaging

06:25 - M. Vasso - Sphingolipids in cystic fibrosis lung infection and inflammation: a MALDI Imaging approach

EuPA Young Investigators POSTER PRIZE

Closing Remarks

P. Roncada and A. Urbani

FRIDAY, JUNE 26TH

SCIENTIFIC PROGRAM

EuPA General Council Meeting

from 09:00 am to 05:00 pm - **Aula 102**

EDUCATIONAL PROGRAM

Morning Sessions

Protein crosslinking track

A. Leitner; H. Urlaub

Liquid Chromatographic separation for MS analysis

C. Huber

Proteome BioInformatics

M. Vaudel

Afternoon Sessions

Protein HDX / covalent labeling track

K. Rand; L. Jones

Experimental design in proteomics research

K. Lilley

Proteome BioInformatics

M. Vaudel

SATURDAY, JUNE 27TH

POSTERS

All Posters will be display from June, 24th 8.00 am until June,26th at 16.30 pm. At last coffee break on June, 26th afternoon all posters must to be removed.

EuPA intends to promote young scientists in the field of Proteomics by establishing poster awards for the EuPA2015 Congress, Milano, June 24-26th , 2015 (www.eupa2015.org).

The two following categories will be considered:

Bachelor and Master Proteomics Award: open to all students and young scientists who have held a Bachelor or a Master degree for less than one year. Up to five candidates will be identified by the Educational Committee from all of the eligible presenting authors of posters. Oral presenters who wish to be considered must also provide a poster presentation for the evaluation procedure. Three awardees will be acknowledge with the following prizes:

1. 500.- €
2. 350.- €
3. 250.- €

YPI Award: open to all Ph.D. students and scientists who are Early Stage Researcher according to EU regulations (researchers of any nationality with up to 7 years of experience since completion of PhD or equivalent degree). Up to five candidates will be identified by the Educational Committee from all of the eligible presenting authors of posters. Oral presenters who wish to be considered must also provide a poster presentation for the evaluation procedure. The winner will be nominated EuPA2015 Young Proteomics Investigator and invited to submit a paper to EuPA Open Proteomics which will be recognized with an honorarium of 1000.- €. The second and third placed researchers will be awarded a prize of 500.- € and 350.- € respectively.

The shortlist for this award (maximum 10) will be announced on the evening of June 25th and candidates will be required to deliver a 5 minute talk in front of the Award Committee on the afternoon of June 26th in the dedicated poster prize session.

Applicants for either of these awards have been previously registered by e-mail to : milanoepa2015@gmail.com providing the following information: category of participation, title of the contribution they are presenting and the year and Institution in which the relevant Academic degrees were achieved.

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via Carlo Farini 81

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