Società Chimica Italiana
Divisione di Spettrometria di Massa

Società Chimica Italiana
Gruppo Giovani

FPS
Fondazione Pisana per la Scienza

I **Giovani** e la spettrometria di massa

5th PISA 24-11-2016 MS day
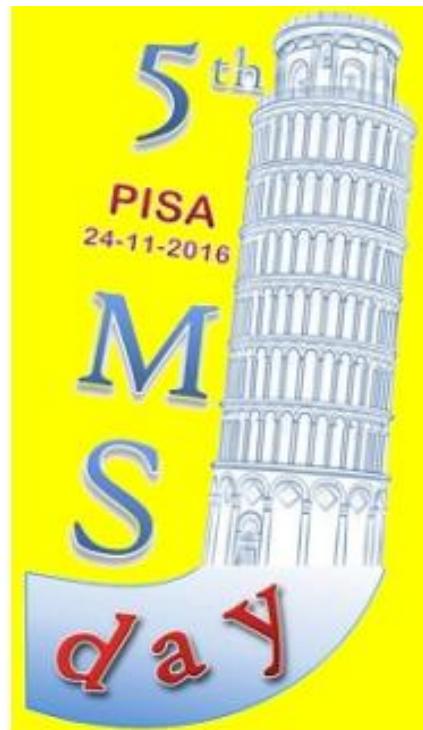
SCIENTIFIC PROGRAMME

Thursday, November 24	

10:00 a.m.	**Registration & coffee break**
10:15 a.m.	**Welcome and opening ceremony**
10:30 a.m.	**Session 1: -omics sciences & imaging MS**
	Chair: Liam McDonnell & Samuele Staderini
10:30 a.m. – 11:10 a.m.	**PL1.** **High-resolution proteomics, integrative phosphoproteomics and targeted mass spectrometry to unravel complex biology** *Maarten Altelaar* University of Utrecht and the Dutch Cancer Institute, The Netherlands
11:10 a.m. – 11:25 a.m.	**OR1.** **Ultrasensitive workflow for the in-depth proteomic analysis of laser-capture microdissected fresh frozen tissues** *Davide Pellegrini* NEST, Scuola Normale Superiore, Pisa, Italy
11:25 a.m. – 11:40 a.m.	**OR2.** **Ultra high resolution MSI of proteins on a 15T FTICR: increased information content and specificity** *Marialaura Dilillo* Fondazione Pisana per la Scienza ONLUS, Pisa, Italy
11:40 a.m. – 11.55 a.m.	**OR3.** **Ultra-high resolution MALDI-FTICR-MSI analysis of intact proteins in mouse and human pancreas tissue** *Isabella Piga* Dipartimento di Farmacia, Università di Pisa, Italy

11:55 p.m. – 12:10 p.m.	**OR4.** **Influence of storage conditions on putative biomarkers of periodontitis detected in gingival crevicular fluid by MALDI-TOF mass spectrometry** *Giuseppina Maggisano* Dipartimento di Scienze della Salute, Università degli Studi "Magna Graecia", Catanzaro, Italy
12:10 p.m. – 12:25 p.m.	**OR5.** **Reliable and fast quantitation of low-abundant plasma proteins with shotgun micro-LC SWATH-MS** *Marcello Manfredi* Dipartimento di Scienze e Innovazione Tecnologica, Università del Piemonte Orientale, Alessandria, Italy
12:25 p.m. – 12:40 p.m.	**OR6.** **High spatial resolution MALDI imaging & structural characterization of phospholipids: high energy CID approach** *Veronica Mainini* Shimadzu Italy Srl, Milano, Italy
12:40 p.m. – 12:55 p.m.	**OR7.** **Mass spectrometry of proteins in paintings, polychromies and archaeological findings** *Sibilla Orsini* Dipartimento di chimica e chimica industriale, Università di Pisa, Italy
12:55 p.m. – 1:10 p.m.	**OR8.** **Profiling neuroactive steroids levels after traumatic brain injury in male mice** *Roberto Spezzano* Dipartimento di Scienze Farmacologiche e Biomolecolari, Centro di Eccellenza sulle Malattie Neurodegenerative, Università degli Studi di Milano, Italy
1:10 p.m. – 2:40 p.m.	**Lunch**

2:40 p.m.	**Session 2: food quality, environment & innovation**
	Chair: Alice Soldà & Alessandro Buchicchio
2:40 p.m.– 2:55 p.m.	**OR9.** **A LC-MS/MS method to evaluate azaspiracids accumulation in mussels fed with *Azadinium dexteroporum*** *Melania Siracusa* Istituto Zooprofilattico Sperimentale Umbria e Marche, Ancona, Italy
2:55 p.m. – 3:10 p.m.	**OR10.** **timSTOF[TM]: high resolution trapped ion mobility mass spectrometry** *Elisa Basso* Bruker Daltonics Srl, Macerata, Italy
3:10 p.m. – 3:25 p.m.	**OR11.** **Validation of an analytical method consisting in a QuEChERS extraction and clean up followed by LC-MS[2] for the detection of perfluoroalkylated substances (PFASs) in muscle of *Dicentrarchus labrax* from different mediterranean areas** *Giuseppe Federico Labella* Dipartimento di Scienze veterinarie per la salute, la produzione animale e la sicurezza alimentare, Università degli Studi di Milano, Italy
3:25 p.m. – 3:40 p.m.	**OR12.** **A new innovative solution for amino acids analysis with Acquity® QDa® mass detector** *Andrea Perissi* Waters Spa, Milano, Italy

3:40 p.m. – 3:55 p.m.	**OR13.** **Assessment of olive oil quality by atmospheric solids analysis probe-mass spectrometry (ASAP-MS) and liquid chromatography-tandem mass spectrometry (LC-MS/MS)** *Raffaella Pascale* Scuola di Ingegneria, Università degli Studi della Basilicata, Potenza, Italy
3:55 p.m. – 4:10 p.m.	**OR14.** **Detection of selected anabolic steroids in teeth by LC-MS/MS: preliminary results** *Maria Nobile* Dipartimento di Scienze veterinarie per la salute, la produzione animale e la sicurezza alimentare, Università degli Studi di Milano, Italy
4:10 p.m. – 4:25 p.m.	**OR15.** **Detection and quantitation of various allergens by LC MS/MS** *Silvano Di Marzio* AB SCIEX S.r.l., Milano, Italy
4:25 p.m. – 4:40 p.m.	**OR16.** **Phytoremediation of pharmaceuticals and personal care products: poplar uptake and metabolism** *Erika Carla Pierattini* Istituto di Scienze della Vita, Scuola Superiore Sant'Anna, Pisa, Italy
4:40 p.m.	**Open Discussion**
5:00 p.m.	**Closing remarks!**