

# ***IMaSS EVENT PROGRAM FOR YEAR 2017***

## **Patronage**

### **Methodological aspects of the Therapeutic Drug Monitoring**

**Turin, January 17<sup>th</sup>, 2017, Starhotels Majestic**

The methodological aspect and the rationale of the use of Therapeutic Drug Monitoring are extremely important to have reliable results and at the same time, assist the clinician in diagnostic and therapeutic decisions.

## **Patronage**

### **2nd MetaboMI Meeting**

**Milan, February 9<sup>th</sup>, 2017, Hospital San Raffaele**

Purpose of this informal meeting is to foster interactions and collaborations between researchers within the metabolomics community and clinicians in the Milan area and beyond.

## **Workshop**

### **MS & NMR in Metabolomics**

**Padua, February 3<sup>rd</sup>, 2017, University of Padua**

GIDRM and IMaSS co-organize a workshop on topics of interest in metabolomics studies. Participation in the workshop, which involves the intervention of 6 speakers and a round-table discussion, is free.

## **School**

### **1<sup>st</sup> Advanced School on Protein Structure & Dynamics**

**Parma, February 22<sup>nd</sup> - 24<sup>th</sup> 2017, University of Parma**

This school will cover the main aspects of mass spectrometry applied to proteomic analysis. The course will be held by experts in this field including oral lessons and exercise sessions.

## **School**

### **3<sup>rd</sup> APP-MS**

#### **Intensive and travelling school of applied mass spectrometry to complementary techniques**

**April 23<sup>rd</sup> – 30<sup>th</sup> 2017, Leaving from Savona port**

This traveling school will include a series of theoretical and applicative classes, and it will visit and teach about the scientific work of four research institutes of the Mediterranean that base their research on the use of mass spectrometry. In addition to an introduction class, in which will be retraced the basic aspects of mass spectrometry, we have planned applicative lessons in environmental, pharmaceutical, food and clinical fields held by specialists in these sectors.

## **National Congress**

### **2<sup>nd</sup> IMaSS Network**

**Genova, 10<sup>th</sup> – 12<sup>th</sup> May 2017, Italian Institute of Technology (IIT)**

National congress of IMaSS society. The congress will cover all the aspects applications and fields of mass spectrometry hosting oral and poster session of a wide range of contributors. Keynotes and international guest speaker will be invited to enrich the congress.

## **Patronage**

### **Colloquium Spectroscopicum Internationale XL 2017**

**Pisa, 11<sup>th</sup> – 16<sup>th</sup> June 2017, Congress Palace**

This conference will cover all the main aspects of spectroscopy and mass spectrometry: Atomic spectrometry, molecular spectrometry, X-Ray spectrometry, Laser spectroscopy, computational spectroscopy, nuclear techniques... and much more.

## **Patronage**

### **Therapeutic drug monitoring and Toxicology**

**Bologna, June 21<sup>st</sup>, 2017, Zanhotel Europa**

The methodological aspect and the rationale of the use of Therapeutic Drug Monitoring are extremely important to have reliable results and at the same time, assist the clinician in diagnostic and therapeutic decisions.

## **Congress**

### **New trends in mass spectrometry: News from ASMS 2017**

**Florence, June 26<sup>th</sup>, 2017, Congress Palace**

We decided to offer to all operators of mass spectrometry a day-event that will be presented by all the industry of the sector, to show the latest news on tools and technologies already illustrated a few days prior to the congress of the American Society of Mass Spectrometry (ASMS) for the year 2017 in Indianapolis.

## **Workshop**

### **IMaSS got talent – Scientific Incubator**

**Turin, July 21<sup>st</sup> 2017, University of Turin**

We organize an informal day event, free of charge and open to everybody, to give a chance to present their work (in the form of posters, presentation or even oral communication) to the Italian scientific community. In this way we would like to encourage and introduce the young researchers and students to the world of congresses and scientific workshops, in a more informal setting of other meetings.

**IMaSS 2-day School**  
**2<sup>nd</sup> Data Analysis School**

**Turin, September 2017, University of Turin**

This school will cover the main aspects of mass spectrometry data handling and analysis, from data generation to the conversion and treatment on proprietary and free softwares. The course will include practice lessons with example data to re-elaborate.

**School**

**2<sup>nd</sup> Advanced School on Protein Structure & Dynamics**

**Parma, September 27<sup>th</sup>-29<sup>th</sup> 2017, University of Parma**

Given the great success of the 1<sup>st</sup> edition of the school, we decide to repeat the school with a second session. This school will cover the main aspects of mass spectrometry applied to proteomic analysis. The course will be held by experts in this field including oral lessons and exercise sessions.

**Congress**

**Advances in NMR & MS based in metabolomics**

**Padova, November 14<sup>th</sup>-16<sup>th</sup> 2017, Palazzo del BO & Botanic Garden**

Metabolomics is widely applied to many fields, from food science to medicine. The most popular analytical methods used in metabolomics are based on nuclear magnetic resonance (NMR) spectroscopy and mass spectrometry (MS). Both techniques make important use of chemometric analysis. The aim of this event is to expose to one another groups of the different communities working in metabolomics, to present and discuss new trends in metabolomics, to review the main statistical tools used for data analysis, to highlight those aspects of our understanding that are still on a shaky terrain, and to outline the future of the metabolomics community in Italy.