

## REGISTRATION

The participation is free of charge for all IMaSS members in good standing with the 2023 membership fee. They need, however, to register using the following link:

<https://t.ly/F0-n>



The conference is open to non-IMaSS members too, with the following fees:  
50 Euro remote attendance  
70 Euro in person attendance  
The workshop is free for UNIBO students.

## ABSTRACT SUBMISSION

The conference includes a poster session. The proposals for poster communication are encouraged and welcome. Please, use the template available at the following link:

<https://bit.ly/IMaSS-abs-template>

and mail it to [abstract.submission@imass.it](mailto:abstract.submission@imass.it)

There is no limit to the number of posters each attendee can present.

## CONTACTS

If you need more information and indications about the workshop, please contact:

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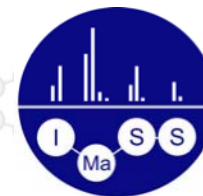


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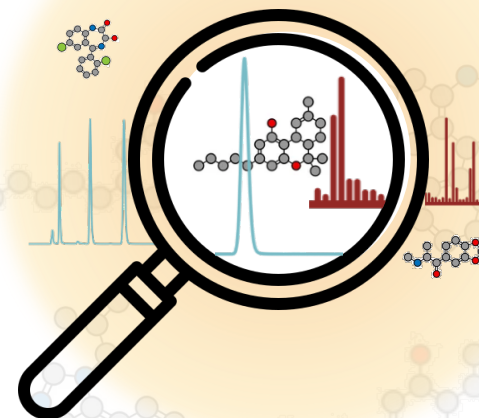
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Society

## IMaSS Drug Analysis Day

A day dedicated to  
pharmaceutical and  
pharmaco-toxicological analysis  
in biological and  
non-biological samples



September 25, 2023

Aula Magna U.E.1  
Polo Didattico Navile  
Via della Beverara 123/1 Bologna

## SCIENTIFIC COMMITTEE

Laura MERCOLINI (Chair)

Andrea ARMIROTTI

Michele PROTTI

Roberto MANDRIOLI

## ORGANIZING COMMITTEE

Laura MERCOLINI

Michele PROTTI

Roberto MANDRIOLI

Mohammadreza MAHDAVIJALAL

Sarah PALANO

Lorenzo MARINCICH

Elisa MILANDRI

## Welcome to IMaSS Drug Analysis Day!

As the field of drug analysis continues to advance rapidly, it is essential for professionals, researchers and students alike to come together and exchange knowledge, ideas and insights.

This day serves as a remarkable platform where experts from various disciplines gather to discuss the latest advancements, breakthroughs, and challenges in drug analysis. Our esteemed speakers, renowned scientists, and industry leaders will provide in-depth presentations and engaging discussions on a wide range of topics.

There will be the chance to connect with like-minded individuals, foster collaborations and explore innovative technologies and methodologies shaping the future of the field.

Join us at IMaSS Drug Analysis Day to gain valuable insights, share your expertise, and contribute to the advancement of this crucial scientific domain. Together, let us pave the way for safer, more efficient, and more reliable drug analysis methods that will positively impact society.

We look forward to welcoming you to this exceptional event and sharing a memorable and knowledge-filled experience.

## SCIENTIFIC PROGRAM Morning Session Chairs: Laura Mercolini, Andrea Armirotti

9:30 Laura Mercolini and Andrea Armirotti  
*Opening and introduction*

10:00 Guido Pelletti (University of Bologna)  
*Application of mass spectrometry in post-mortem forensic toxicology*

10:30 Giampietro Frison (AULSS 3, Venice)  
*LC-HRAM-Orbitrap-MS determination of ethyl glucuronide in blood, urine and hair samples*

11:00 Alberto Salomone (University of Turin)  
*Mass Spectrometry-based approaches to investigate the prevalence of NPS and doping agents*

11:30 **Coffee break**

12:00 Carlotta Stacchini (FMSI Anti-doping Lab)  
*Application of MS-based techniques for the analysis of novel proteins and peptides of anti-doping relevance*

12:30 Federica Pellati (University of Modena and Reggio Emilia)  
*Chromatographic methods and biological assays to disclose the antiproliferative activity of cannabidiol against chronic myelogenous leukemia cancer cells*

13:00 Federica Ianni (University of Perugia)  
*Characterization of (bio)active compounds in vegetable matrices supported by LC-HRMS/MS*

13:30 **Lunch break & Poster session**

## Afternoon Session Chairs: Federica Pellati, Roberto Mandrioli

14:30 Michele Protti (University of Bologna)  
*Microsampling and mass spectrometry for patient-centric TDM studies*

15:00 Luca Regazzoni (University of Milano)  
*MS studies on a new mode of action of carnosine*

15:30 **Coffee break**

16:00 Alessandro Armandi (DaSP – Sciex)  
*Comprehensive characterization of protein therapeutics using electron activated dissociation (EAD)*

16:30 Giulio Calza (Bruker Italia)  
*MALDI-2: Regaining sensitivity in high spatial resolution Imaging for endogenous and xenobiotic compounds*

17:00 *Best poster award and closing remarks*