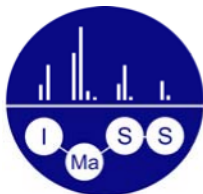




ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DEPARTMENT
FOR LIFE QUALITY STUDIES



IMaSS
Italian Mass
Spectrometry
Society



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DEPARTMENT OF PHARMACY
AND BIOTECHNOLOGY

IMaSS Day on Health and Wellness

A day dedicated to MS analysis in health promotion, sports,
food & related products

May 30, 2024 10:30 a.m. – 6:00 p.m.

«Mimosa» Room, Rimini Expo Centre (Hall B6-D6)

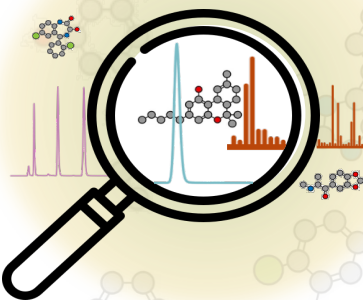
within **RIMINIWELLNESS** ITALIAN EXHIBITION GROUP
THE WELLNESS EXPERIENCE SHOW Providing the future

Via Emilia, 155 – 47921 Rimini



Pharmaco
Toxicological
Analysis
Laboratory

SOROPTIMIST INTERNATIONAL D'ITALIA
Club di Bologna



SECOND-LEVEL PROFESSIONAL
MASTER IN FORENSIC CHEMICAL AND
CHEMICAL-TOXICOLOGICAL ANALYSIS

SOROPTIMIST INTERNATIONAL D'ITALIA
Club di Rimini



With the sponsorship of:

ThermoFisher
SCIENTIFIC

SCIENTIFIC PROGRAM

Morning Session

Chairs: **Roberto Mandrioli, Andrea Armirotti**

10:30 **Roberto Mandrioli and Andrea Armirotti**

Opening and introduction

10:45 **Laura Bragonzoni** (Alma Mater Studiorum
University of Bologna; Coordinator of the Ph.D.
Program in «Sport, Health and Well-being».)

Laura Mercolini (Alma Mater Studiorum
University of Bologna; President of Soroptimist
International, Bologna Club)

Welcome address

11:00 **Enrica Calleri** (University of Pavia, Pavia)

*Development of an analytical platform for the affinity
screening of natural extracts by SEC-MS towards
PPAR α and PPAR γ receptors*

11:30 **Eduardo Sommella** (University of Salerno, Salerno)

*High throughput MS-based metabolomic and lipidomic
profiles accurately classify mothers of children with
congenital heart disease: a case control study*

12:00 **Coffee break**

12:30 **Serena Fiorito** (University of Chieti-Pescara, Chieti)

*Valorization of waste and by-products as sources of
active principles for human well-being*

13:00 **Anna Migni** (University of Perugia, Perugia)

Lipidomics of lipid nutrients and hepatic lipotoxicity

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

Afternoon Session

Chairs: **Eduardo Sommella, Michele Protti**

14:30 **Cristina Banfi** (Centro Cardiologico Monzino, Milan)

*N-acetylcysteine: novel insights into its antioxidant
mechanism*

15:00 **Tullia Gallina Toschi** (Alma Mater Studiorum
University of Bologna, Bologna)

Less info but quick and easy: GC-IMS as a screening tool

15:30 **Coffee break**

16:00 **Maria Nobile** (University of Milan, Milan)

*Veterinary public health and animal origin food chain
inspections in a OneHealth perspective*

16:30 **Roberta Di Lecce** (Alma Mater Studiorum
University of Bologna, Rimini)

Analytical study of food supplements in anti-doping testing

17:00 **Round Table**

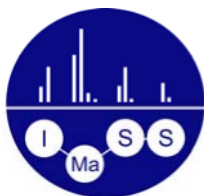
*Women in sport and in science:
Where are we?*





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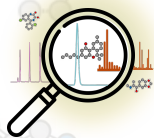


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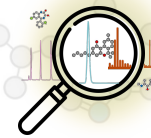
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Welcome to

IMaSS Day on Health and Wellness



Health and well-being are inextricably linked to the food we consume and to physical exercise, and people are resorting more and more to food supplements and sports to keep their body fit and healthy.

Therefore, analytical science in the fields of food, related products and health protection is one of the most dynamic and rapidly advancing sectors of current research. MS is the undisputed protagonist of these breakthroughs, and keeping the pace with its innovations is critical for all professionals, scientists, and students.

This scientific day will let MS experts from different backgrounds come together to tackle the most recent advances and open questions in the wide-spanning field of analysis applied to food and health. Our appreciated speakers and industry leaders will provide engaging presentations and lively discussions on a wide range of topics.

Everyone will have the chance to meet and discuss with like-minded individuals, empowering collaborations and exploring innovative technologies and processes that promise to transform the landscape of research in this field.

Join us at *IMaSS Day on Health and Wellness* as we explore together insights, expertises, and opinions, leading to healthier lifestyles and safer nutrition through better understanding of the key elements that affect our lives.

We look forward to welcoming you to this scientific event and sharing with you a fulfilling, knowledge-sharing experience.

REGISTRATION

The participation is **free of charge** for all IMaSS members in good standing with the 2024 membership fee. They need, however, to register using the following link:

<https://bit.ly/imasscongress>

The conference is **open to non-IMaSS members** too, subject to a 50,00 Euros registration fee.

The conference is **free for UNIBO students**; however, registration **is mandatory**.

ABSTRACT SUBMISSION

The conference includes a poster session. Proposals for poster communications are encouraged and welcome.

Kindly send a title, the presenter's name and their affiliation by e-mail to:

master.mastforchem@unibo.it

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

SCIENTIFIC COMMITTEE

Roberto MANDRIOLI (Chair)
Laura MERCOLINI
Andrea ARMIROTTI
Michele PROTTI
Roberta DI LECCE

ORGANIZING COMMITTEE

Roberto MANDRIOLI
Laura MERCOLINI
Michele PROTTI
Roberta DI LECCE
Mohammadreza MAHDAVIJALAL
Elisa MILANDRI

CONTACTS

Information and indications about the conference:
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Department of Pharmacy and Biotechnology (FaBIT)
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