

16:00 Alessandro Pellizzaro - Massimo Fant (Acque del Chiampo S.p.A.)
Evaluation of perfluoroalkyl acids uptake by hydroponic crops and emerged macrophytes: from extraction to LC-MS/MS determination

16:20 General Discussion and Conclusions

REGISTRATION

The participation to the Workshop is free-of-charge for all IMASS members in good standing with the 2022 membership fee. They need, however, to register using the following link:

[http://www... ..](http://www...)

IMASS members who cannot attend in person will be able to follow the meeting through our ZOOM platform (details will follow).

The workshop 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

FOR MORE INFORMATION...

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

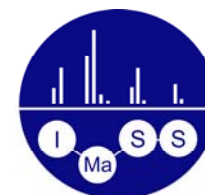
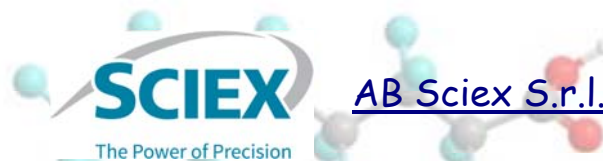
Andrea Raffaelli
Centro di Ricerca in Produzioni Vegetali
Sant'Anna School of Advanced Studies
Pisa
Phone: +39 393 4674021
E-Mail: an.raffaelli@santannapisa.it

Under the Patronage of:



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DIPARTIMENTO DI FARMACIA E BIOTECNOLOGIE

With the Sponsorship of:



IMASS—Italian Mass Spectrometry Society

IMASS Emerging Contaminants Days

Traditional and "Emerging" PFAS: a Common Concern for Environment and Food Science, Connected by Food Packaging Issues

Special focus: Novel Strategies for the Analysis of New Generation PFAS



Image licensed by
City of Riverside, CA (USA)

Bologna
September 15, 2022
Aula Magna U.E.1
Polo Didattico Navile
Via della Beverara 123/1

SCIENTIFIC & ORGANIZING COMMITTEE

Andrea RAFFAELLI (Chairman)

Andrea ARMIROTTI

Stefano BRIZZOLARA

Michele MAZZETTI

Laura MERCOLINI

Marinella VITULLI

SPEAKERS

Claudio CARRER (InterCinD—LSA)

Damiano BRACCHITTA (ARPA Trento)

Debora D'ADDONA (Thermo Fisher Scientific)

Massimo FANT (Acque del Chiampo)

Stefano FIORINA (Sciex)

Marco FONTANA (ARPA Piemonte)

Michele MAZZETTI (ARPA Toscana)

Alessandro PELLIZZARO (Acque del Chiampo)

Andrea PERISSI (Waters)

Sara VALSECCHI (CNR-IRSA)

Marinella VITULLI (Food Contact Center s.r.l.)

Lorenzo ZINGARO (Agilent)

During the meeting held on-line last September 22, 2021, we focused our attention on some classes of "emerging pollutants", such as PPCPs.

Going on about taking care of environment, as well as caring about our food, in this occasion we will try to face a sort of second order emergence.

Indeed, if PFAS are included in the list of emerging contaminants, recently there is an increasing interest for "emerging PFAS", that become "emerging-emerging".

Beyond the commonly monitored "traditional PFAS", we need new, untargeted approaches for their identification, characterization and quantitation in environmental and food matrices.

PFAS are widely employed in several fields, such as domestic use items, medical devices, paper and general packaging materials, fabrics manufacturing, automotive, and so on...

They are a critical issue for environment.

They are as well a very critical issue for their presence in food.

Indeed, a lot of PFAS-containing materials bump into food: food packaging, cookware (for instance, non-stick pans), single use plates, glasses and silverware (materials later released in the environment...)

Food packaging, hence, become a sort of link between environment and food safety.

SCIENTIFIC PROGRAM

Morning Session, Chairman: Andrea Raffaelli

- 10:00 Andrea Raffaelli: Introduction
- 10:10 Marinella Vitulli (Food Contact Center s.r.l., Pistoia) *PFAS in raw materials, food contact items, packaging and related industrial waste: sample preparation and targeted&untargeted testing*
- 10:50 Andrea Perissi (Waters) *Sensitive PFAS analysis from Edible Produce on Xevo TQ-XS after QuEChERS extraction*
- 11:10 Debora d'Addona (Thermo Fisher Scientific) *Utilizzo della Spettrometria di Massa ad Altissima Risoluzione per la determinazione di PFAS in matrici diverse: evidenti vantaggi e possibilità analitiche*
- 11:30 Stefano Fiorina (Sciex) *PFAS nelle acque potabili e superficiali: un viaggio fra legislazione, semplicità e sensibilità*
- 11:50 Marco Fontana (ARPA, Piemonte e Veneto) *Sviluppo e validazione di metodi per il monitoraggio PFAS su campioni di aeriformi*
- 12:10 Lorenzo Zingaro (Agilent) *Analysis of Perfluoroalkyl Substances in Human Hair by Agilent LC/MS Accurate Mass Spectrometry Q-TOF: A rapid biomonitoring screening method using the Agilent 1290 Infinity II LC and the Agilent 6546 Q-TOF*
- 12:30 Lunch Break

Afternoon Session Chairman: Laura Mercolini

- 14:30 Michele Mazzetti (ARPAT, Livorno) *First investigation of per-and poly fluoroalkylsubstances (PFAS) in striped dolphin *Stenella coeruleoalba* stranded along Tuscany coast (North Western Mediterranean Sea)*
- 15:00 Damiano Bracchitta (APPA, Trento) *L'analisi in routine dei PFAS, strategie analitiche per il miglioramento dei limiti di quantificazione*
- 15:20 Sara Valsecchi (CNR-IRSA, Brugherio) *Analytical strategies in LC-MS for the analysis of next generation PFAS*
- 15:40 Claudio Carrer (InterCinD—LSA) *L'importanza dei PTP dinamici per la valutazione delle prestazioni dei test valutativi di laboratorio utilizzando matrici naturali - PFAS*