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## PRELIMINARY PROGRAMME

**November 13<sup>th</sup>**, ENEA CR Casaccia, S.M. di Galeria

### Session 1 - ENVIRONMENTAL MICROBIOLOGY

09.15 – 09.45 **Openings**

09.45 – 13.30

Keynote lecture + 5 talks

14.00 – 15.00 **Poster Session**

### Session 2 – FOOD MICROBIOLOGY

15.00 – 18.30

Keynote lecture + 5 talks

17.30 -18.00 – **Innovative methodologies and practical applications**

**November 14<sup>th</sup>**, ENEA CR Casaccia, S.M. di Galeria

### Session 3 – PLANT BIOTECH

09.30 – 13.30

2 Keynote lecture + 4 talks

14.00 – 15.00 **Poster Session**

### Session 4 – FARMING FLOW CYTOMETRY

15.00 – 18.00

1 Keynote lecture + 4 talks

16.30 – 17.30 **New instruments, new possibilities...**

17.30 – 18.00 **Workshop final remarks**

21.00 Social event (separate registration required)

**November 15<sup>th</sup>**, ISS Headquarters, Roma

09.00 – 17.00 ISS Labs

**EXOTICASEs – Practicals in FCM: Analysis e sorting of nanoparticles; FISHIS-labelling and flow sorting of plant chromosomes and nuclei; Monitoring drinking water quality; Marine water quality; Cell viability in food probiotics...**

11.00 –11.30 Coffee breaks

13.30 –14.00 Lunches



# ExoFlowMetry 2019

International Workshop on Exotic Flow Cytometry  
Checking Small Things... Better!

13<sup>th</sup> - 15<sup>th</sup> November 2019, Rome (Italy)



ENEA Casaccia Research Centre  
**13<sup>th</sup>-14<sup>th</sup> November 2019**

Istituto Superiore di Sanità - ISS  
**15<sup>th</sup> November 2019**

### Workshop Fees

(early birds till September 30<sup>th</sup> 2019)

- Conference only: 250€ (early 200€)
- Conference + hands-on day: 350€ (early 250€)

(+VAT 22%)

The potential of flow cytometry (FC) is still largely unexpressed in areas different than the clinical and biomedical applications, for which is widely applied since the '60s of the last century. High processivity, multiparametric and analytical precision are typical features for FC, all well suited to different and unconventional (exotic) applications. During last years, there has been a significant technological progress in FC and a number of new instruments have been, and are going to be, released to the market or developed as prototypes. New fields of application such as winemaking, dairy production, brewery, fish and animal farming, plant breeding and genomics, inner and outer water quality control, are now available to FC characterization and manipulation, and more and more are fast developing.

EXOFLOWMETRY, the First International Workshop on Exotic Flow Cytometry, will focus on FC applications other than biomedical, with the aim to highlight the different fields where flow cytometry is giving a significant contribution, in terms of new components revealed and/or development of new methods of analysis. A wide overview of the use of FC in food and environment microbiology, plant and animal biotech, green biotechnology and genomics will be offered, as also related to the complex quality control systems of the agri-food supply chain, in the framework of the European METROFOOD-Research Infrastructure.

A demonstrative and practical *hands-on* day for about 30 persons will conclude the Workshop, during which a selected number of participants will also get a chance to analyze their samples.

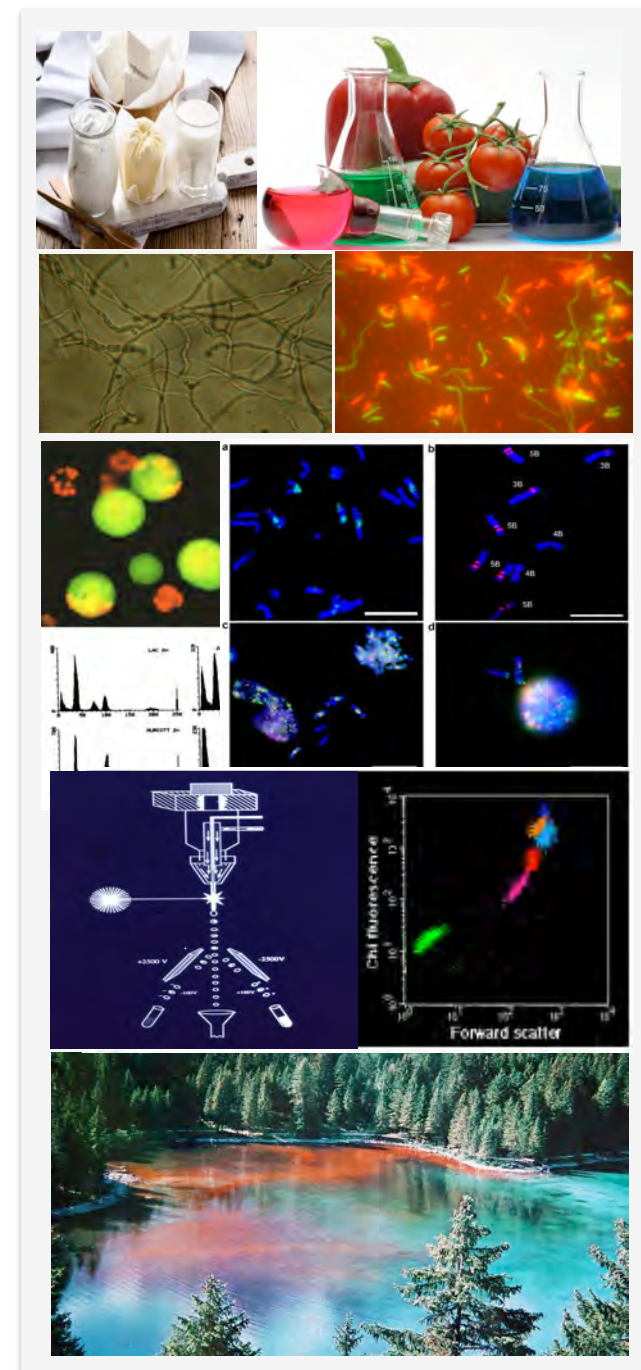
#### Enquires to:

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



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