

CONSENSUS MEETING

REAL-TIME MONITORING USING BIOPHYSICAL APPROACHES OF RESPIRATORY ACTIVITY IN BACTERIA

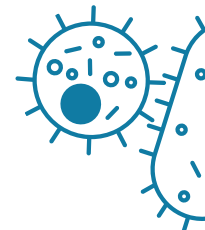
9th of April 2024

ROOM 1.01 (first floor)

Sapienza University of Rome

Full address: Viale Regina Elena, 295B/Edificio D, 00161 Roma RM

One-day hybrid consensus meeting (in Rome and online)



09:30 Welcome to the participants

10:00 **Erich Gnaiger, PhD (CEO, Oroboros Instruments, Austria)**

Quality-controlled high-resolution respirometry: bacterial and clinical applications

10:25 **Alfredo Caro-Maldonado (Seahorse Field Application Scientist, Agilent, US)**

Technical aspects of bacteria respirometry with Seahorse XF

10:50 **Ganna Oliynyk, PhD (Application Support, Symcel, Sweden)**

Morphology independent real time measurement of microbial metabolism

11:15 Break

12:00 **Alessandro Giuffrè, PhD (Director IBPM-CNR, Italy)**

Gaseous signalling molecules and bacterial O₂ respiration

12:25 **Serena Rinaldo, PhD (Sapienza University of Rome, Italy)**

Real time monitoring of bacterial respiration under multiple environmental states

12:50 **Willem J.B. van Wamel, PhD (Erasmus UMC, The Netherlands)**

The application of Isothermal Microcalorimetry in studying bacterial biofilms

13:15 Lunch break

14:30 Roundtable discussion

15:30 Final conclusion, feedback and goodbye

Visit the meeting website <https://www.mosbri.eu/events/meetings/cm-april2024/>

REGISTRATION IS FREE OF CHARGE, BUT MANDATORY

Due to limited seating availability and in order to ensure that everyone has the opportunity to participate, we kindly request that you promptly inform us if you are unable to attend in presence after the registration.

A certificate of attendance will be released after the event.

SCIENTIFIC CONTACTS

FRANCESCA.CUTRUZZOLA@UNIROMA1.IT

SERENA.RINALDO@UNIROMA1.IT

ORGANIZING CONTACT

CHIARA.DILUCENTE@UNIROMA1.IT



DIPARTIMENTO
DI SCIENZE BIOCHIMICHE
A. ROSSI FANELLI

SAPIENZA
UNIVERSITÀ DI ROMA

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