

COST Action INFLAMomx (CA24166)

Call for 1st Training School

„Wet Lab Hacks, Dry Lab Facts“

7 – 9 September 2026

Campus of Medicine, University of Salerno, Baronissi (Salerno), Italy

The COST Action INFLAMomx (CA24166) (<https://inflamomx.eu/>) is launching the **call for 1st Training School** which will be held from 7 – 9 September at the Campus of Medicine, University of Salerno, Baronissi (Salerno), Italy. This Training School offers an intensive, hands-on programme for early-career researchers and scientists working at the intersection of inflammation biology and multi-omics approaches, interested in next-generation omics technologies.

The three-day programme offers attendees a comprehensive, hands-on training experience focused primarily on the wet lab aspects of various omics technologies, while also addressing how experimental design choices impact subsequent bioinformatic analyses.

Core Topics Covered:

- Genomics: Whole-genome, exome, and targeted sequencing
- Transcriptomics: Bulk transcriptomics, small-RNA profiling, single-cell, and spatial transcriptomics
- Epigenomics & Arrays: Chromatin dynamics, remodeling, DNA methylation, and array-based technologies

Attendees will gain direct bench experience with diverse omics technologies through immersive, hands-on practical sessions. To complement this laboratory focus, dynamic roundtable discussions will explore the challenges and future perspectives shaping modern and clinical genomics.

Key dates & Venue

Application deadline:	22 July 2026
Notification of selected applicants:	27 July 2026
Training course dates:	7 – 9 September 2026 <i>Arrival on September 6; Departure on September 10</i>
Venue:	Campus of Medicine, University of Salerno Baronissi (Salerno), Italy



Preliminary programme overview

	6.9.2026	7.9.2026	8.9.2026	9.9.2026	10.9.2026
9:00	Arrivals	Welcome session	Single cell and Spatial transcriptomics (wet lab)	DNA methylation analyses and epigenetic biomarkers (wet lab)	Departures
9:15		WGS, Exome and Targeted sequencing (wet lab)		Array-based technologies and screening (wet lab)	
9:30		WGS, Exome and Targeted sequencing (data analysis)	Single cell and Spatial transcriptomics (data analysis)		
9:45				Coffee break	
10:00		Transcriptomics and Small-RNA profiling (wet lab)	Chromatin dynamics and remodeling (wet lab)		
10:15				Lunch break	
10:30		Lunch break	Lunch break		
10:45				Transcriptomics and Small-RNA profiling (data analysis)	
11:00		WGS and Transcriptomics workflows	Single-cell, Spatial and Chromatin workflows		
11:15				Coffee Break	
11:30		Challenges in modern genomics	Future perspectives for genomics in precision medicine		
11:45				Introduction of attendees	
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Lecture
Practical Session
Round Table Discussion
Social Event

How to apply

To apply, please complete the [Registration Form](#) by **22 July 2026**.

Following the application deadline, a dedicated committee will review all submissions. Applicants will be notified of their application status within one week of the deadline.

Eligibility

Applications are open to researchers (MSc, PhD students, and postdocs/researchers) from any nationality or country.

- Priority will be given to applicants who are Young Researcher and Innovator (YRI, ≤ 40 years of age).
- Priority will be given to applicants who are PhD student with a primary affiliation located in a COST Inclusiveness Target Country (ITC) or Near Neighbour Country (NNC).¹
- Priority will be given to applicants who are members of INFLAMomx COST Action.

¹ For definitions of CST countries, please visit the [ANNEX I – LEVEL A: COUNTRY AND ORGANISATIONS TABLE](#)

Selection criteria

Participation is strictly **limited to 15 attendees** to ensure a high-quality, interactive training experience with direct access to trainers and meaningful engagement in all practical sessions.

Attendees will be selected considering:

- Scientific background and relevance of the applicant's research profile
- Potential impact of participation on the applicant's career development
- Applicants with interest to learn about the wet lab part of omics technologies will be prioritized
- Career stage, with priority given to PhD students and early postdoctoral researchers
- Gender and country of affiliation balance (in accordance with COST inclusiveness policy)

In line with COST rules, selected applicants are required to:

- Hold an active e-COST profile at <https://e-services.cost.eu/>
- Accept the e-COST invitation within 2 weeks of receiving it

Accommodation

Accommodation is pre-arranged for all attendees for the entire duration of the Training School, meaning that selected applicants do not need to find their own accommodation.

Please note that selected applicants are expected to confirm and pay for their own stay upfront, which will then be reimbursed after the Training School through a Daily Allowance as per COST reimbursement rules. **Detailed instructions on accommodation arrangements will be communicated to accepted applicants alongside their selection notification.**

Attendees are expected to arrive in Salerno on Sunday, 6th September, and depart on Thursday, 10th September.

Reimbursement

This Training School is completely free of charge for 15 selected attendees. In addition, expenses will be covered through reimbursement by the INFLAMomx COST Action:

- **Long distance travel costs** (journeys above 101 km one-way): return travel ticket will be reimbursed upon submission of receipts.
- **Daily allowance**: attendees will be reimbursed 180 EUR per day to cover accommodation, meals and other incidental costs.

Reimbursements are processed individually through the e-COST online system after the Training School.

In line with COST rules, attendees are required to sign the attendance list on each day of the Training School in order to be eligible for reimbursement.

For full information on COST reimbursement rules see the [Annotated rules for COST Actions](#).

Contact persons

- Action Chair: Dr Andrea Gelemanovic (agelemanovic@medils.unist.hr)
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For any specific inquiries related to 1st INFLAMomx Training School please send an e-mail to info@inflamomx.eu.