



ESGLI

ESCMID STUDY GROUP
FOR LEGIONELLA INFECTIONS

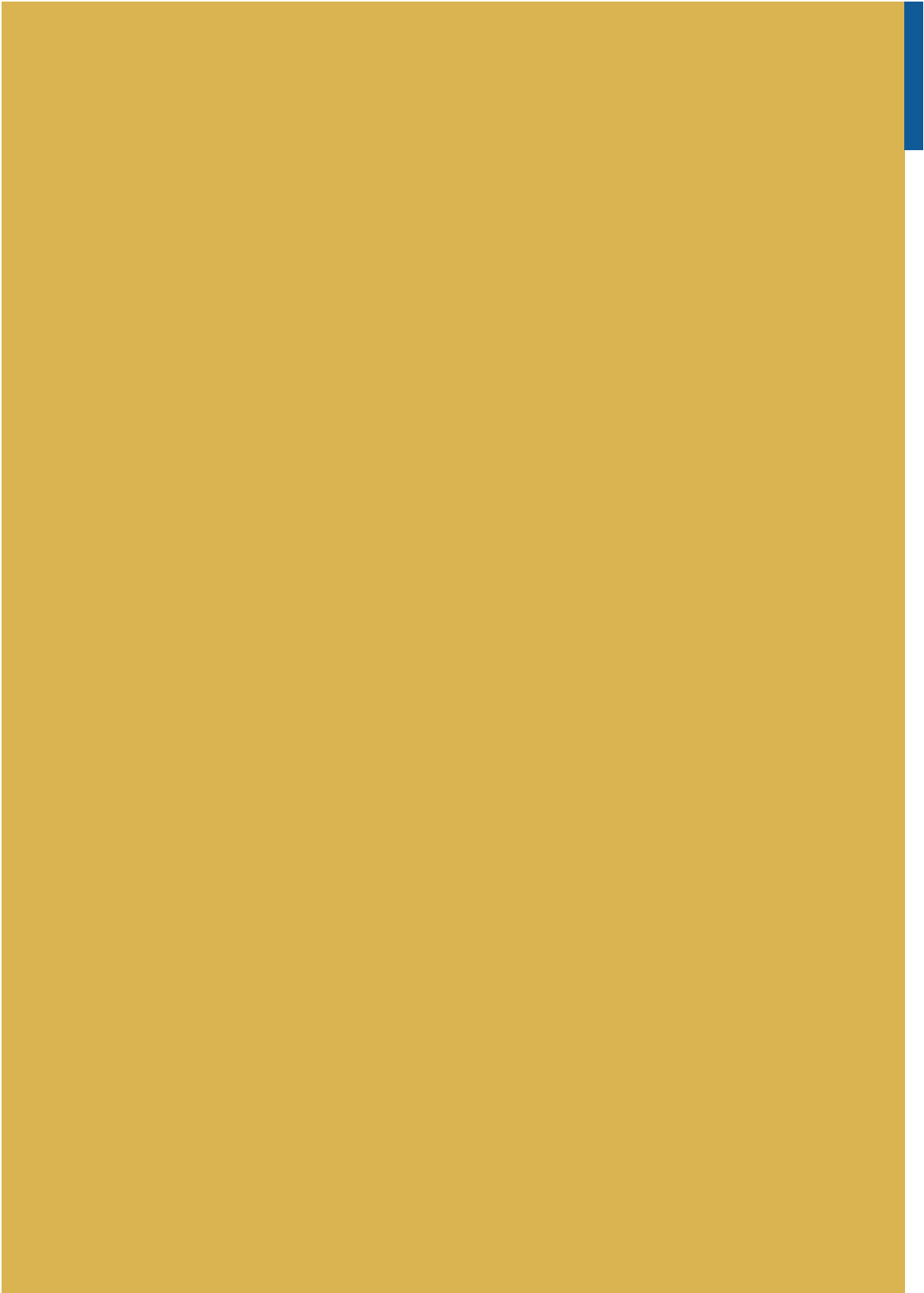
European Society of Clinical Microbiology and Infectious Diseases

9th ESGLI MEETING

12th - 14th November 2025
NH Hotel, Palermo, Italy

PROGRAM





Informazioni Generali

Location Reception

NH Hotel Palermo, Italy
Foro Italico Umberto I, 22/B, 90133 Palermo PA

Participation Fees

ESGLI Members € 250,00 + vat 22%
Non ESGLI Members € 350,00 + vat 22%
Students € 150,00 + vat 22%

Committees

Scientific Committee

(Including ESGLI EC Members)

Flountzi Anastasia	Lee Susanne
Gaia Valeria	Lindasay Diane
Hammes Frederik	Mouratidou Elissavet
Jarraud Sophie	Petzold Markus

Organizing Committee

Arrigo Ignazio
Coniglio Marianna
Laganà Paqualina
Mancini Fabiola
Santi Delia Antonino

Chairs

Maria Luisa Ricci
Anna Giammanco
Teresa Fasciana
Maria Scaturro

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Veschetti Enrico *Istituto Superiore di Sanità, Roma, Italy*

Walker James *Formerly Public Health England, Porton, UK*

Wroblewski Danielle *Wadsworth Center, Albany, New York State, United States of America*

12 November 2025**16.00-17.00 Registration at NH Hotel**

Foro Italico Umberto I, 22/B, 90133 Palermo

17.00-18.00 Lecture: Palermo through the ages: a historical overview

Palazzo Chiaramonte - Steri, Piazza Marina, 60

<https://www.musei.unipa.it/steri.html>

18.30-20.00 Welcome reception at Teatro Massimo

<https://www.teatromassimo.it/>

13 November 2025**08.00-09.00 Registration at NH Hotel**

Foro Italico Umberto I, 22/B, 90133 Palermo

08.15-08.30 Opening of the meeting**08.30-10.30 SESSION 1****Epidemiology and outbreak - 1**

Chairs: Elisavet Mouratidou and Anastasia S. Flountzi

08.30-09.00 Notification rates of Legionnaires' disease in the EU/EEA a continuing increase for 2024? Lara Payne (Invited speaker)**09.00-09.15 EURL-PH-LEGI: Overview of the first year in activity**

Camille Jacqueline

09.15-09.30 The importance of genomics for rapid identification of a cooling tower as the source of a Legionnaires' Disease outbreak in Paris, 2024 Christine Campese**09.30-09.45 From notifiable to now: 15 years of Legionnaires' disease surveillance in England and Wales** Hanna Squire**09.45-10.00 Water vapor fireplace stones as the source of *Legionella pneumophila* ST1 (Philadelphia) colonization in a hotel spa facility linked to 11 cases of Legionnaires' disease** Soren Uldum

10.00-10.15 **First Pontiac Fever Outbreak Reported In Italy Linked To Novel *Legionella* Non-*pneumophila* Species: *L. petroniana* Sp. Nov. Isolated In Fog Machine** Luna Girolamini

10.15-10.30 **Q & A of the session**

10.30-11.00 **Coffee break and posters**

11.00-12.45 **SESSION 2**

Epidemiology and outbreak - 2

Chairs: Lara Payne Hallstrom and Christine Campese

11.00-11.15 **Complex, *Legionella* mixed infection in a deceased patient**
Baharak Afshar

11.15-11.30 **Exposure risks to *Legionella pneumophila* using unique profile samplings at showerheads and faucets** Marianne Grimard-Conea

11.30-11.45 **Rethinking the Usual Suspects: Showers and Taps in the Swiss *Legionella* Puzzle** Daniel Mäusezahl

11.45-12.00 **Domestically acquired *Legionella* infections from large dwelling complexes. an intractable problem with no feasible solution?**
Helena Sedlackova

12.00-12.15 **The utilization of IDEXX Legiolert™ for the recovery and isolation of *Legionella pneumophila* serogroup 1 (Lp1) in primary and environmental specimens** Danielle Wroblewski

12.15-12.45 **Q & A of the session**

12.45-13.00 **Sponsored session on "*Legionella* identification" by Alifax**
ATR-FTIR Spectroscopy for Routine Identification of Legionella Strains: A Preliminary Study from Genus to Serogroup Level
Mirzajani Sarvandani Mandana
Panel discussion: Elisa Gurian and Antonio Laganà

13.00-14.00 **Lunch and posters**

14.00-15.15 SESSION 3

Clinical, diagnostics, typing and genomics - 1

Chairs: Valeria Gaia and Maria Scaturro

14.00-14.30 EU/EEA genomic surveillance of Legionnaires' disease

Maximilian Riess (Invited speaker)

14.30-14.45 Advancing *Legionella pneumophila* genomic surveillance with a high-resolution cg/wgMLST schema for outbreak detection and investigation

Christophe Ginevra

14.45-15.00 Comparison of phenotypic and Whole Genome Sequencing derived antimicrobial resistance profiles of *Legionella pneumophila* isolated in England and Wales from 2020- 2023

Rebecca Thombre

15.00-15.15 ONT adaptive sampling boosts *Legionella pneumophila* sequence-based typing directly from lower respiratory tract samples

Anne Vatland Krøvel

15.15-15.45 Q & A of the session

15.45-16.00 Coffee break and Posters

16.00-17.00 SESSION 4

Clinical, diagnostics, typing and genomics - 2

Chairs: Sophie Jarraud and Teresa Fasciana

16.00-16.15 Use and Efficacy of Diagnostic Techniques in Legionellosis: A Retrospective Study

Maria Luisa Pedro-Botet and Noemí Párraga-Niño

16.15-16.30 European Reference Laboratory standardisation of *L. pneumophila* AST

Brad Spiller

16.30-16.45 Antimicrobial susceptibility determination of *Legionella* species

Caitlin Farley

16.45- 17.00 Q & A of the session

17-00-17-15 Sponsored session on "Urinary Antigen Testing " by Abbott*Urinary Antigen Testing for Legionnaires' Disease:**Strengths, Limits, Perspectives*

Charlotte Michel

Panel discussion

Chairs: Maria Luisa Ricci

Panel discussion: Valeria Gaia, Diane Lindsay and Søren Uldum

17.15-17:30 ESGI business members meeting**20.00 Conference dinner at Restaurant Palazzo Fatta**<https://www.palazzofatta.it/>**14 November 2025****08.30-10.15 SESSION 5*****Legionella* interaction with host and environment**

Chairs: Frederick Hammes and Maria Luisa Ricci

08.30-09.00 How Treatment Reshapes the Water Microbiome and *Legionella* Presence Laura Gomez-Valero (Invited speaker)**09.00-09.15 Detection of *Legionella* cell-free DNA in blood for the non-invasive diagnosis of Legionnaires' Disease** Elizabeth Chernysheva**09.15-09.30 Exploring active lung, blood, and feces microbiomes and metabolomes in Legionnaires' disease patients** Marine Ibranosyan**09.30-09.45 Stagnation to Shear: *Legionella* makes *P. fluorescens* biofilms hold on at the surface** Ana Pereira**09.45-10.00 Biofilm architecture and virulence-associated protein expression in a persistent strain of *Legionella pneumophila***

Juana María González-Rubio

10.00-10.15 Q & A of the session**10.15-10.45 Coffee break and posters**

10.45-12.45 SESSION 6

***Legionella* prevention and control - 1**

Chairs: Sandra Cristino and Diane Lindsay

10.45-11.15 Control measures for *Legionella* in buildings and water treatment strategies Enrico Veschetti (Invited speaker)

11.15-11.30 Strengthening Cooling Tower Surveillance to Prevent Legionnaires' Disease: A Comparative International Analysis
Dominique Charron

11.30-11.45 Impact of meteorological factors on *Legionella* colonisation of water systems and the incidence of Legionnaires' disease
Elisenda Arque

11.45-12.00 The Legioprecipitation Hypothesis: A conceptual framework linking rainfall to the incidence of Legionnaires' disease Sebastian Crespi

12.00-12.15 Overcoming Barriers to Connecting Cooling Tower Emissions with Legionnaires' Disease (LD) Cases Michele Prevost

12.15-12.30 Water Stagnation and Flushing: Towards Bridging the Science-Regulation Gap for Safe Water Catalina Ortiz

12.30-12.45 Q & A of the session

12.45-13.30 Sponsored session on "Update on control measures"
by **Sanipur** (Nicola Doniselli), **Pall** (Jimmy Walker) and **Technosystem** (Stefania Vaiana)
Chair: Enrico Veschetti
Panel Discussion: Maria Anna Coniglio, Michele Prevost and Sebastian Crespi

13.30-14.30 Lunch and poster awards

14.30-16.45 SESSION 7***Legionella* prevention and control - 2**

Chairs: Sebastian Crespi and Anna Giammanco

- 14.30-15.00** Improving environmental *Legionella* surveillance to detect new *Legionella* species Sandra Cristino (Invited speaker)
- 15.00-15.15** *Legionella* occur in wastewater treatment plants - do they also grow there? Beatriz Dorrie
- 15.15-15.30** Key operational factors to reduce emission rate and mitigate *Legionella* risk in cooling towers Emilie Bedard
- 15.30-15.45** Inhibition of *Legionella* spp. through siderophores-mediated iron scavenging Alessio Cavallaro
- 15.45-16.00** Q & A of the session
- 16.00-16.15** Closing remarks/thanks

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