



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



ESCMID

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 pneumo-***

***phila* ST1 (Philadelphia) colonization in a hotel spa facility linked to 11 cases of Legionnaires' disease** S. 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 Abbot** Charlotte Michel

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 Reiss (Invited speaker)

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

Christophe Glinevra

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

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

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 "*Legionella* identification" by Alifax
*ATR-FTIR Spectroscopy for Routine Identification of Legionella Strains:
A Preliminary Study from Genus to Serogroup Level*
Mandana Mirzajani

17.15-17.30 ESGI business members meeting

20.00 Conference dinner at Restaurant Palazzo Fatta
<https://www.palazzofatta.it/>

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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)
Chairs: Enrico Veschetti
Panel discussion with the experts: Nicola Doniselli, Jimmy Walker, Stefania Vaiana

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** Can we better define the list of relevant potential infection sources for non-outbreak community-acquired cases of Legionnaires' disease? Udo Buchholz
- 16.30-16.45** Q & A of the session
- 16.45-17.00** Closing remarks/thanks

GENERAL INFORMATION

ORGANIZATIONAL SECRETARIAT



Via San Tommaso D'Aquino, 20 - 09134 Cagliari

Tel. 070 651242 | Fax 070 656263

carlacarboni@kassiopeanews.com | www.kassiopeagroup.com

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