

Tuesday, September 10th, 2019

17:00-20:00 **Registration**

18:00-20:00 **Welcome Reception**

Wednesday, September 11th, 2019

07:30 **Registration & Welcome coffee**

08:30-10:10 **Session 1: Epidemiology & Outbreak Investigation I**
Chairs: Petra Brandsema (NL), Christine Campese (FR)

08:30 **Epidemiology of *Legionella* in Europe, 2018**
Lara Payne Hallstrom (SE) – Invited Speaker

09:10 **Epidemiology of *Legionella* in Greece**
Elisavet Mouratidou (GR)

09:30 Outbreak of *Legionella longbeachae* Associated with Exposure to Soil in Sweden, 2018
Pontus Jureen (SE)

09:50 In Search of the Source of *Legionella Longbeachae* Infection
Diane Lindsay (UK)

10:10-10:40 **Coffee Break, Exhibition Visit and Posters Viewing**

10:40-12:00 **Session 2: Epidemiology & Outbreak Investigation II**
Chairs: Lara Payne Hallstrom (SE), Diane Lindsay (UK)

10:40 Can we explain the Large Increase of Legionnaires' Disease Cases in France, June 2018?
Christine Campese (FR)

11:00 Testing Intensity, the Missing Link between Clinic and Legionnaires' Disease Surveillance, Denmark, 2014 - 2018
Emmanuel Robesyn (SE)

11:20 Results of Intensified Source Finding Efforts among Community-Acquired Cases of Legionnaires'disease, Berlin, 2016-2018
Udo Buchholtz (DE)

11:40 The Largest Community Outbreak of Legionnaires' disease ever Described due to *Legionella pneumophila* non Serogroup 1.
Maria Luisa Ricci (IT)

12:00-13:30 **Lunch & Exhibition Visit and Posters Viewing**

12:30-13:30 **Poster Session #1**

13:30-15:30 **Session 3: *Legionella* Interaction with the Host and Environment**

Chairs: Valeria Gaia (CH), Christian Lueck (DE)

- 13:30 Rapid Adaptations to the Human Host in *Legionella pneumophila*
Daniel Leenheer (SE)
- 13:50 Expanding the Role of the Novel Transcriptional Regulator PsrA in Controlling Virulence and Host-Cell Interactions of *Legionella pneumophila*
Christopher Graham (CA)
- 14:10 *Legionella*: King of the Castellanii
Breanne Head (CA)
- 14:30 *Legionella* Species in Aerosols from Outdoor Sites near Asphalt Roads in Toyama Prefecture, Japan: Detection, Identification and Correlation with Precipitation
Fumiaki Kura (JP)
- 14:50 *Legionellae* in Finnish Organic Fertilizer Products of Circular Economy
Pia Räsänen (FI)
- 15:10 Water Drains as a Reservoir of *Legionella pneumophila* in the Urban Environment
Valeria Gaia (CH)

15:30-16:00 **Coffee Break, Exhibition Visit and Posters Viewing**

16:00-17:20 **Session 4: *Legionella* Genomics**

Chairs: Vicki Chalker (UK), Sophie Jarraud (FR)

- 16:00 **Global Diversity of *Legionella***
Lionel Guy (SE) – Invited Speaker
- 16:40 Characterising the (epi+) genome of *Legionella lonbeachae* Serogroup 1 Clinical Isolates
Sandy Slow (NZ)
- 17:00 Whole Genome Sequencing Analysis of Danish *Legionella pneumophila* ST1 Isolates
Soren Uldum (DK)

20:00-23:30 **Gala Dinner (Optional)**

08:30-10:30 Session 5: Clinical Aspects and Diagnostics for *Legionella*
Chairs: Soren Uldum (DK), Spyros Pournaras (GR)

- 08:30 **Antimicrobial Resistance in *Legionella***
Ghislaine Descours (FR) - Invited Speaker
- 09:10 Leukocyte Energy in Patients with Severe Legionnaires' disease: a Preliminary Study
Camille Allam (FR)
- 09:30 Concordance for MIC Results between LASARUS against Gold Standard Microbroth Dilution Method, while BCYE Gives Elevated and Widely Variable Results
Edward Anthony Reginald Portal (UK)
- 09:50 Advances in Diagnostics for Atypical Respiratory Pathogens
Maureen Diaz (US) – Invited Speaker

10:30-11:00 Coffee Break, Exhibition Visit and Posters Viewing

11:00-12:30 Session 6: *Legionella* Typing
Chairs: Jacob Moran-Gilad (IL), Emmanuel Robesyn (SE)

- 11:00 **Updates on Genomic Typing of *Legionella***
Jacob Moran Gilad (IL)
- 11:30 A community-acquired of LD Outbreak cCaused by *L. pneumophila* Serogroup 1 ST23: the Importance of Linking Epidemiological and Typing Data
Maria Scaturro (IT)
- 11:50 Serotyping and Detection of Pathogenecity Locus of Environmental Isolates of *Legionella pneumophila* using MALDI-TOF MS
Maria Kyritsi (GR)
- 12:10 Comparison of whole Genome Sequencing Typing Tools for the Typing of Belgian *Legionella pneumophila* Isolates
Fedoua Echahidi (BE)

12:30-14:00 Lunch & Exhibition visit and Posters Viewing

13:00-14:00 Poster Session #2 & ESGLI Annual Business Meeting

14:00-16:05 **Session 7: *Legionella* Prevention and Control**
Chairs: Maria Luisa Ricci (IT), Elisavet Mouratidou (GR)

- 14:00 **Metagenomics for *Legionella* Control**
Amy Pruden (US) – Invited Speaker
- 14:45 Thermal Disinfection for Legionella Prevention: Harming through Protection?
Sebastian Crespi (SP)
- 15:05 Lessons Learned in the Prevention and Control of Legionnaires' disease in the Aftermath of Severe
Outbreak
William Rhoads (US)
- 15:25 The Effect of Differing Designs of Evaporative Cooling Systems on the Incidence of *Legionella*
Colonisation
Gary Hogben (UK)
- 15:45 *Legionella* prevention: WSP Application, Monochloramine Disinfection and MALDI-TOF Analysis: The
Six-Year Experience of Bergamo New Hospital
Claudio Farina (IT)
- 16:05 Closing & Adjourn