

# **LEGIONELLA 2017 - Program**

**Tuesday, September 26<sup>th</sup>, 2017**

13:00-19:00 Registration and exhibition

17:00-18:30 **Welcome address and conference opening**

## **Lectio Magistralis**

**Edelstein P**

*Legionnaires' disease, a brief history*

## **World trends of *Legionella* infection**

**De Jong B**

*Legionnaires' disease from a European perspective*

**Cooley L**

*A Watershed Moment: The Increasing Challenge of Legionnaires' Disease in the United States*

19:00-21:00 *Welcome Cocktail at the "Istituto Nazionale degli Studi Romani"*

## Wednesday, September 27<sup>th</sup> 2017

08:00-17:30 Registration and exhibition

### *Morning Session*

08:30-10:30 **Host – Legionella interactions**

**Hilbi H**

*Modulation of membrane dynamics and cell migration by Legionella*

**Roy C**

*A new approach to identify Legionella pneumophila effector mutants with distinct virulence phenotypes*

**Selected oral communications**

10:30-11:00 *Coffee break*

11:00-13:00 **Host – Legionella interactions, continued**

**Palusinska-Szys M**

*The role of lipids in Legionella-host interaction*

**Selected oral communications**

*Lunch Time*

### *Afternoon Session*

14:00-15:00 **Poster Session 1**

15:00-16:30 **Immunology and host susceptibility**

**Zamboni D**

*Recognition of Legionella by intracellular receptors in macrophages*

**Selected oral communications**

16:30-17:00 *Coffee break*

17:00-19:00 **Genetics and diversity**

**Buchrisier C**

*Molecular mimicry of eukaryotic proteins, a main virulence strategy of Legionella*

**Selected oral communications**

**Round Table:** discussion on the topics (critical aspects, pros and cons, etc.) presented in the session of the day

## Thursday September 28<sup>th</sup>, 2017

08:00-17:30 Registration and exhibition

### *Morning Session*

08:30-10:30 **Clinical aspects, treatment, and host relationship**

**Selected oral communications**

10:30-11:00 *Coffee break*

10:30-13:00 **Epidemiology and outbreak investigation**

**Selected oral communications**

*Sponsored symposia*

*Lunch Time*

### *Afternoon Session*

14:00-15:00 **Poster Session 2**

15:00-17:30 **Diagnosis and typing**

**Moran-Gilad J**

*The future of Legionella typing in the Genomics Era*

**Jarraud S**

*Diagnosis and Legionella typing of atypical forms of legionellosis*

**Selected oral communications**

**Round table:** discussion on the topics (critical aspects, pros and cons, etc.) presented in the session of the day

17:30-00:00 *Tour of the ancient Roman Avenue “Appia Antica” and gala dinner at the Villa Dino ([www.villadino.com](http://www.villadino.com))*

## Friday, September 29<sup>th</sup>, 2017

08:00-17:30 Registration and exhibition

### Morning Session

08:30-10:30 **Ecology of *Legionella*, and interaction with environmental reservoirs**

**Ashbolt N**

*The original cat and mouse interplay: with picky amoebae and persistent *L. pneumophila**

**Bertjeaud JM**

*Natural antimicrobial substances to control proliferation of *L. pneumophila**

#### Selected oral communications

10:30-11:00 Coffee break

11:00-13:00 ***Legionella* detection and diffusion in the artificial reservoirs**

**Hadjichristodoulou C**

*Legionella* colonization of water systems aboard passenger ships and differences with accommodation sites (hotels etc)

**Kura Fumiaki**

*Legionella* detections in environments and their impacts on the occurrence of legionellosis in Japan

#### Selected oral communications

*Sponsored symposia*

Lunch Time

### Afternoon Session

14:00-15:00 **Poster Session 3**

15:00-16:30 **Preventive and control strategies**

**Exner M**

*The German experiences with legionella risk regulation*

**Lin YE**

*The evaluation of mandatory Legionella environmental surveillance in healthcare facilities in Taiwan: clinical and environmental perspectives*

17:00-17:30 Coffee break

17:30-19:00

**Selected oral communications**

**Round table:** discussion on the topics (critical aspects, pros and cons, etc.) presented in the session of the day

**Saturday, September 30<sup>th</sup>, 2017**

08:30-12:00

Exhibition

09:00-10:30

**Legionella guidelines in different countries**

**Stout J**

*U.S. guidance and standards*

**Lee S**

*European Legionella Guidelines*

**Selected oral communications**

**Round table:** discussion on the topics (critical aspects, pros and cons, etc.) presented in the session of the day

10:30-11:00

*Coffee break*

11:00-12:00

**Challenges and future perspectives**

**Pruden A**

*Advancing a Framework for Prebiotic/Probiotic control of Legionella in Distribution Systems and Puilding plumbing*

**Gaia V**

*The European perspectives of Legionella surveillance and control*

**Selected oral communications**

12:00-12:30

**Closing remarks**