



The 9<sup>th</sup> International Conference on  
**Legionella**

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Rome, 26<sup>th</sup> - 30<sup>th</sup> September 2017



**Auditorium Antonianum**  
**Viale Manzoni, 1 - 00185**  
**ROME**

# CONFERENCE PRELIMINARY 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

# CONFERENCE PRELIMINARY PROGRAM

## AFTERNOON SESSION

14:00-15:30 Poster Session 1

15:30-18:30 *IMMUNOLOGY AND HOST SUSCEPTIBILITY*

**Zamboni D.**

*Recognition of Legionella by intracellular receptors in macrophages*

Selected oral communications

*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

11:00-13:00 *EPIDEMIOLOGY AND OUTBREAK INVESTIGATION*

Selected oral communications

*Sponsored Symposia*

Lunch Time

# CONFERENCE PRELIMINARY PROGRAM

## AFTERNOON SESSION

14:00-15:30 Poster Session 2

16:00-17:30 **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 “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*

**Berjeaud J.M.**

*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 F.**

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

**Selected oral communications**

*Sponsored Symposia*

# CONFERENCE PRELIMINARY PROGRAM

## AFTERNOON SESSION

14:00-15:30 Poster sessions 3

15:30-18:00 *PREVENTIVE AND CONTROL STRATEGIES*

**Exner M.**

*The German experiences with Legionella risk regulation*

**Lin Y.E.**

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

**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

09:00-12:00 *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

*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