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Dear Participants,

It is our pleasure to welcome you to the 9th International Conference on Legionella in Rome, Italy, from the 26th to 30th of September 2017.

This year we will celebrate forty years since Legionella pneumophila was identified, after the first outbreak of Legionnaires’ disease in Philadelphia in 1976.

Since then, we have learnt a lot about these bacteria, we have improved our capability to conduct appropriate epidemiological investigations, and thanks to geographical information analysis and typing methods, we are now able to better identify the source of infection.

We also have recognised the importance of appropriate risk assessment on water systems in order to rapidly apply the best control measures and adopt different disinfection procedures, being aware that there is not a single recipe. In fact, every situation must be thoroughly studied and every intervention must be tailored.

Knowledge on ecological niches of Legionella has been expanded. Moreover, the recent DNA sequencing technologies to monitor microbial population in water systems appear to be quite promising for a better understanding of behaviours devised by this intriguing bacterium to survive in the environment.

Regarding diagnostic methods, the introduction of urinary antigen detection has given a boost in detecting cases, but the development and validation of other fast and accurate molecular methods are needed.

The number of identified species is increasing day by day, and in addition to traditional procedures, integrated multi “omics” technologies help to clarify the molecular basis of pathogenesis and evolution of most of these species. However, a better understanding of the interaction between the bacterium and the host, with special reference to the population at risk, would be desirable.

We consider this International Conference a great opportunity to define state of the art about all the aspects concerning Legionella, and we do hope that new ideas for future researches and collaborative studies in this field will arise.

We warmly welcome you to Rome, the “Eternal” city. Here, the ancient Romans laid the foundations of their empire, leaving spectacular signs in culture, architecture, city planning, politics and laws, which survived to present day, leaving people coming from all over the world astonished.

The Local Organising Committee is willing to offer you the best hospitality in terms of location, accommodation and, last but not least, good food and the opportunity to choose among a number of guided trips in Rome and surroundings for you and your accompanying persons.

On behalf of the Conference organisers we sincerely welcome you to the 9th International Conference on Legionella 2017.

Paola Borella and Maria Luisa Ricci
Chairs, Legionella 2017
ORGANIZING COMMITTEE

Ashbolt Nicholas
University of Alberta, Alberta, Canada

Brandsema Petra
Centre for Infectious Disease Control, National Institute for Public Health and the Environment, RIVM, Bilthoven, The Netherlands

de Jong Birgitta
European Centre for Disease Prevention and Control, Stockholm, Sweden

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Institute for Hygiene and Public Health, University of Bonn, Bonn, Germany

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Stout E. Janet
Special Pathogens Laboratory, Pittsburgh, United States of America

Uldum Søren Anker
Statens Serum Institut, Copenhagen, Denmark

Zamboni Dario Simões
University of São Paulo, São Paulo, Brazil

INVITED SPEAKERS

Berjeaud Jean-Marc
University of Poitiers, Poitiers, France

Buchrieser Carmen
Institut Pasteur, Paris, France

Cooley Laura
CDC’s National Center for Immunization and Respiratory Diseases, Atlanta, United States of America

Edelstein Paul Herbert
University of Pennsylvania, Philadelphia, United States of America

Hadjichristodoulou Christos
University of Thessaly, Larissa, Greece

Hilbi Hubert
Institute of Medical Microbiology, University of Zurich, Zurich, Switzerland

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Director Leegionella Ltd, United Kingdom

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Pruden Amy
Virginia Tech, Blacksburg, United States of America

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SOCIAL EVENTS

WELCOME COCKTAIL AT THE “ISTITUTO NAZIONALE DI STUDI ROMANI”
The Welcome Cocktail will be held on 26th of September, from 7.30 p.m. to 9.00 p.m., at The Istituto degli Studi Romani. The institute has its location in the former convent of Saints Bonifacio and Alessio, at the top of the hill Aventino, one of the most impressive hills of Rome. The walk (about 2.7 km), that divides the Auditorium Antonianum from the Cocktail venue, shows a view of the best monuments of the Eternal city. It begins from the Colosseum, it runs along the Palatine Hill to finally reach the Circus Maximus. Therefore, the journey from the Conference venue to the Istituto degli Studi Romani offers a precious and unique opportunity to immerse yourself in Roman history. Transfer from Congress venue to “Istituto Studi Romani” with private bus.
The Istituto degli Studi Romani is in Piazza dei Cavalieri di Malta, 2, 00153 Rome.

http://www.studiromani.it/html/sede.htm

GUIDED TOUR AT “VILLA DEI QUINTILI” AND GALA DINNER AT “VILLA DINO”
On September 28th at 6.30 p.m. it will be held a guided tour of Villa dei Quintili and afterwards the Gala Dinner at Villa Dino. Villa Dino, set within one of the most important archaeological parks in the world, including Villa dei Quintili and the Seneca Mausoleum, is among the largest and most prestigious villa of Rome. Embellished with a huge park, enriched with palm, olive and lemon trees and ancient monuments, Villa Dino offers a reality out of the ordinary. Transfer from Congress venue to “Villa dei Quintili” and “Villa Dino” with private bus.
Villa dei Quintili is in Via Appia Nuova 1092, 00178 Roma.
Villa Dino is in Via Appia Antica 249/B, 00178 Roma.
TUESDAY, SEPTEMBER 26TH, 2017

13:00-18:45  Registration and exhibition

16:15-17:00  Welcome address and conference opening  
Paola Borella  Università degli Studi di Modena e Reggio Emilia, Italy  
Maria Luisa Ricci  Istituto Superiore di Sanità, Roma, Italy  
Chairs, Legionella 2017 Organizing Committee

17:00-18:30  SESSION 1 - GLOBAL TREND OF LEGIONNAIRES’ DISEASE  
Chairs: Valeria Gaia, Giovanni Rezza

17:00-17:45  Legionnaires’ Disease, a Brief History  
Paul H. Edelstein  University of Pennsylvania, Philadelphia, United States of America  
Lectio Magistralis

17:45-18:15  Legionnaires’ Disease from a European Perspective  
Birgitta de Jong  (Invited speaker)  
European Centre for Disease Prevention and Control, Stockholm, Sweden

18:15-18:45  A Watershed Moment: The Increasing Challenge of Legionnaires’ Disease in the United States  
Laura A. Cooley  (Invited speaker)  
Center for Disease Control, Atlanta, United States of America

19:30-21:00  Welcome Cocktail at the “Istituto Nazionale di Studi Romani”  
http://www.studiromani.it/html/sede.htm

WEDNESDAY, SEPTEMBER 27TH, 2017

08:30-18:00  Registration and exhibition

08:30-10:30  SESSION 2 - PATHOGENESIS, IMMUNOLOGY AND HOST CELL INTERACTIONS  
Chairs: Carmen Buchrieser, Dario S. Zamboni

08:30-09:00  Modulation of Membrane Dynamics and Cell Migration by Legionella  
Hubert Hilbi  (Invited speaker)  
University of Zurich, Zurich, Switzerland

09:00-09:30  A New Approach to Identify Legionella pneumophila Effector Mutants with Distinct Virulence Phenotypes  
Craig Roy  (Invited speaker)  
Yale University of Medicine, New Haven, United States of America

09:30-09:45  The Dot/Icm Type IV Secretion System Effector LtpM Defines a New Family of Modular Glycosyltransferases  
Gunnar Neels Schroeder  
Queen’s University Belfast, Belfast, Northern Ireland

09:45-10:00  New Insights Into the Legionella Type 1 Secretion System  
Hussein Kanaan  
University of Lyon, Lyon, France

10:00-10:15  Legionella pneumophila Modulates Mitochondrial Dynamics To Trigger Metabolic Repurposing of Infected Macrophages  
Pedro Escoll  
Institute Pasteur, Paris, France

10:15-10:30  Manipulation of Host Metabolism by Legionella pneumophila Effectors that Activate and Inhibit mTORC1  
Justin A. De Leon  
University of California, Berkeley, United States of America

10:30-11:00  Coffee Break
11:00-13:00  **SESSION 2 - PATHOGENESIS, IMMUNOLOGY AND HOST CELL INTERACTION (CONTINUED)**

**Chairs:** Craig Roy, Carmen Buchrieser

11:00-11:30  **Recognition of Legionella by Intracellular Receptors in Macrophages**

*Dario S. Zamboni (Invited speaker)*

University of São Paulo, São Paulo, Brazil

11:30-12:00  **The Role of Lipids in Legionella-Host Interaction**

*Marta Palusinska-Szysz (Invited speaker)*

Maria Curie-Sklodowska University, Lublin, Poland

12:00-12:15  **ER Remodeling by the Large GTPase Atlastin (Sey1/Atl3) Promotes Vacuolar Growth of Legionella pneumophila**

*Bernhard Steiner*

University of Zurich, Zurich, Switzerland

12:15-12:30  **SnpL, a Nucleomodulin Effector Protein of Legionella pneumophila Targets Host Transcription Elongation Machinery**

*Shivani Pasricha*

University of Melbourne, Melbourne, Australia

12:30-12:45  **Structural Insights Into Legionella RidL-Vps29 Retromer Subunit Interaction Reveal Displacement of the Regulator TBC1D5**

*Kevin Bärlocher*

University of Zurich, Zurich, Switzerland

12:45-13:00  **When Life Gives You Lemons in the Form of Oxidants…: A Peek Into the Molecular Underpinnings of How Legionella Copes with Oxidative Stress in Water**

*Nissanka Mendis*

McGill University, Montreal, Canada

13:00-14:00  **Lunch**

14:00-15:30  **POSTER SESSION 1 - ROOMS EXHIBITION AREA**

• PATHOGENESIS AND IMMUNOLOGY • GENETICS AND GENOMICS

15:30-16:45  **SESSION 3 - GENETICS AND GENOMICS**

**Chairs:** Hubert Hilbi, Sophie Jarraud

15:30-16:00  **Molecular Mimicry of Eukaryotic Proteins, a Main Virulence Strategy of Legionella**

*Carmen Buchrieser (Invited speaker)*

Institute Pasteur, Paris, France

16:00-16:15  **Retroelement-Guided Protein Diversification in Legionella pneumophila**

*Diego Arambula*

University of California, Los Angeles, United States of America

16:15-16:30  **Genetics of Widely Distributed Natural Transformability in Legionella pneumophila Clinical Isolates**

*Pierre-Alexandre Juan*

INSERM, Lyon, France

16:30-16:45  **Evolution of Host-Adaptation in the Bacterial Order Legionellales**

*Eric Hugson*

Uppsala University, Uppsala, Sweden

16:45-17:15  **Coffee Break**
17:15-18:00 **SESSION 3 - GENETICS AND GENOMICS (CONTINUED)**
Chairs: Jacob Moran-Giland, Christopher Ginevra

17:15-17:30 Genomic Evolutionary History of Legionnaires’ Disease in Scotland
*Bryan Wee*
University of Edinburgh, Edinburgh, United Kingdom

17:30-17:45 The *Legionella* Genus Genome: a Global View of the Genus Evolution
*Laura Gomez-Valero*
Institute Pasteur, Paris, France

17:45-18:00 Whole Genome Sequence Analysis of the *Legionella pneumophila* Population Within the Water System of a Large Occupational Building
*Vicky Chalker*
Public Health England, London, United Kingdom

**THURSDAY, SEPTEMBER 28TH, 2017**

08:15-09:30 **SESSION 4 - CLINICAL ASPECTS, TREATMENT, ROUTE OF EXPOSURE AND HOST RELATIONSHIP**
Chairs: Laura A. Cooley, Maria Cristina Rota

08:15-08:45 Clinical Characteristics of *Legionella* Infection
*Paul H. Edelstein (invited speaker)*
University of Pennsylvania, Philadelphia, United States of America

08:45-09:00 Route of Exposure to Aerosol and Legionnaires’ Disease or Pontiac Fever
*Richard Bentham*
Flinders University, Adelaide, Australia

09:00-09:15 *Legionella* Aerosols from Shower to an Ex Vivo Human-Porcine Respiratory Model
*Severine Allegra*
University of Lyon, Lyon, France

09:15-09:30 The Trans-Translation Inhibitor KKL-35 Exhibits Potent Antibiotic Activity Against *Legionella* Species
*Romain Brunel*
University Lyon, Lyon, France

09:30-10:00 Coffee Break

10:00-12:00 **SESSION 5 - DIAGNOSIS AND TYPING**
Chairs: Søren Anker Uldum, Christian Lück

10:00-10:30 Diagnosis and *Legionella* Typing of Atypical Forms of Legionellosis
*Sophie Jarraud (invited speaker)*
National Reference Center of *Legionella*, University of Lyon, Lyon, France

10:30-11:00 The Future of *Legionella* Typing in the Genomics Era
*Jacob Moran-Giland (invited speaker)*
National Microbiology Focal Point & Head of Microbiology Cooperation, Jerusalem, Israel

11:00-11:15 LegioTyper: a Fully Automated and Rapid Detection Method for Serotyping of *Legionella pneumophila*
*Anne Gründel*
Dresden University of Technology, Dresden, Germany

11:15-11:30 The Average Nucleotide Identity Index is a Taxonomic Tool That Can Also Be Useful for Determining the Epidemiological Relationship Between *Legionella pneumophila* Genomes
*Maria José Figueras*
University Rovira i Virgili, Reus, Spain
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| 11:30-11:45  | Utility of Rapid Techniques in the Legionnaires’ Disease Outbreak in Manzanares, Spain, December 2015-February 2016  
  Juan Carlos Montero  
  Regional Public Health Laboratory - Health Sciences Institute Talavera de la Reina, Spain |
| 11:45-12:00  | Could Legionnaires’ Disease diagnosis Criteria Be Improved?  
  Evidence from Two Independent Real Time PCR Assays  
  Maria Scaturro  
  Italian National Institute of Health Rome, Italy |
| 12:00-13:00  | SPONSORED SESSION-IDEXX  
  Comparing Modern and Traditional Culture-Based Methods for Detection of Legionella and the Significance of Quantification of Legionella Pneumophila Vs. All Legionella Species |
| 12:00-12:05  | Welcome to participants and Introduction to Legiolert  
  Dan Broder |
| 12:05-12:15  | Performance of Legiolert vs. ISO-11731-2 in German Potable Waters  
  Martin Exner |
  Maria Luisa Ricci |
| 12:25-13:00  | ROUND TABLE:  
  Discussion: The Merits and Concerns Associated with Exclusive Detection of L. Pneumophila in Conjunction with a Water Safety Plan  
  Participants: Martin Exner, Maria Luisa Ricci, Amy Pruden, Nicholas Ashbolt |
| 13:00-14:00  | Lunch |
| 14:00-15:00  | POSTER SESSION 2 - ROOMS EXHIBITION AREA  
  • EPIDEMIOLOGY AND SURVEILLANCE • OUTBREAKS INVESTIGATION AND CASE REPORT  
  • CLINICAL ASPECTS AND TREATMENTS • DIAGNOSIS AND TYPING |
| 15:00-16:45  | SESSION 6 - SURVEILLANCE AND OUTBREAKS INVESTIGATIONS  
  Chairs: Pedra Brandsema, Carmen Pelaz Antolín |
| 15:00-15:15  | Legionnaires’ Disease from the Other Side of the World: the New Zealand Perspective  
  David R. Murdoch  
  University of Otago, Christchurch, New Zealand |
| 15:15-15:30  | A National Cross-Sectional Study to Uncover the Hidden Burden of Legionnaires’ Disease: The LegiNZ Study  
  David R. Murdoch  
  University of Otago, Christchurch, New Zealand |
| 15:30-15:45  | Community-Acquired Cases of Legionnaires' Disease: the Proportion Technically Preventable by Applying the German Drinking Water Ordinance?  
  Udo Buchholz  
  Robert Koch Institute, Berlin, Germany |
| 15:45-16:00  | Legionella pneumophila in the Flint Water Supply: A Molecular Epidemiology and Virulence Assessment  
  Michele Swanson  
  University of Michigan, Ann Arbor, United States of America |
| 16:00-16:15  | Spatial Distribution of Legionellosis at the Small Area Level in the City of Barcelona: 2000-2016  
  P. Galles  
  Public Health Agency of Barcelona, Barcelona, Spain |
16:15-16:30  Factors Associated With the Occurrence of Further Cases in Accommodations Associated With a Cluster of Travel-Associated Legionnaires’ Disease Cases After Implementation of Control Measures  
Julien Beauté  
European Centre for Disease Prevention and Control, Stockholm, Sweden

16:30-16:45  Epidemiology and Microbiology of Recurrent Accommodation Sites Implications for Surveillance and Prevention  
Sebastian Crespi  
Biolinea Int., Palma de Mallorca, Spain

17:30-23:00  Tour of the Ancient Roman Street “Appia Antica and Villa dei Quintili” and Gala Dinner at “Villa Dino”

FRIDAY, SEPTEMBER 29TH, 2017

08:15-19:30  Registration and exhibition

08:15-10:00  SESSION 7 - ECOLOGY OF LEGIONELLA AND INTERACTION WITH ENVIRONMENTAL RESERVOIRS  
Chairs: Alexander Kirschner, David R. Murdoch

08:15-08:45  The Original Cat and Mouse Interplay: With Picky Amoebae and Persistent Legionella pneumophila  
Nicholas J. Ashbolt (Invited speaker)  
University of Alberta, Edmonton, Canada

08:45-09:15  Natural Antimicrobial Substances to Control Proliferation of Legionella pneumophila  
Jean Marc Berjeaud (Invited speaker)  
University of Poitiers, Poitiers, France

09:15-09:30  Survival Patterns and Virulence of Viable but Non-Culturable Legionellae Induced by Starvation  
Barbara Schrammel  
Medical University of Vienna, Vienna, Austria

09:30-09:45  Legionella pneumophila Prevents Cell Division and DNA Replication of Acanthamoeba castellanii  
Ascel Samba-Louaka  
University of Poitiers, Poitiers, France

09:45-10:00  Temperature Induced Viable but Non-Culturable Legionella pneumophila Cells are Virulent Against Amoebae and Macrophage-Like Cells  
Silvia Cervero-Aragó  
Medical University of Vienna, Vienna, Austria

10:00-10:30  Coffee break

10:30-12:00  SESSION 8 - LEGIONELLA DETECTION AND DIFFUSION IN THE ARTIFICIAL THE RESERVOIRS  
Chairs: Nicholas J. Ashbolt, Susanne Lee

10:30-11:00  Legionella Colonization of Water Systems Aboard Passenger Ships and Differences with Accommodation Sites (Hotels Etc)  
Christos Hadjichristodoulou (Invited speaker)  
University of Thessaly, Larissa, Greece

11:00-11:30  Legionella Detection in Environments and Their Impacts on the Occurrence of Legionellosis in Japan  
Kura Fumiaki (Invited speaker)  
National Institute of Infectious Diseases Tokyo, Japan

11:30-11:45  Prevalence and Diversity of Legionella in US Cooling Towers  
Brian H. Raphael  
Centers for Disease Control and Prevention, Atlanta, United States of America

11:45-12:00  Identification of Cooling Tower Microbiota Supporting the Growth of Legionella pneumophila  
Sebastien P. Faucher  
McGill University, Montréal, Canada
12:00-13:00  SPONSORED SESSION-PALL
13:00-14:00  Lunch
13:30-15:30  POSTER SESSION 3 - ROOMS EXHIBITION AREA
• MISCELLANEOUS  • MICROBIAL ECOLOGY  • PREVENTION AND CONTROL
14:00-14:30  ESGLI BUSINESS MEETING
15:30-17:15  SESSION 9 - PREVENTIVE AND CONTROL STRATEGIES
   Chairs: Paola Borella, Sebastian Crespi
15:30-16:00  The Evaluation of Mandatory Legionella Environmental Surveillance in Healthcare Facilities in Taiwan: Clinical and Environmental Perspectives
   Yusen E. Lin (invited speaker)
   National Kaohsiung Normal University, Kaohsiung City, Taiwan
16:00-16:30  Controlling Legionella in Building Water Systems: How Does Monochloramine Measure Up?
   Janet E. Stout
   Special Pathogens Laboratory, Pittsburgh, United States of America
16:30-16:45  Corrosive Effect on Various Pipe Materials Following Different Treatments for Legionella Spp Control in Hospital Water Systems
   Isabella Marchesi
   University of Modena and Reggio Emilia, Modena, Italy
16:45-17:15  Sponsored presentation (Grundfos) Experiences in-situ Prepared Chlorine Dioxide in Legionella Treatment
   Michael Skovgaard
   Senior Manager, Global Programs GPMA Dosing & Disinfection
17:15-17:45  Coffee Break
17:45-19:00  SESSION 9 - PREVENTIVE AND CONTROL STRATEGIES (CONTINUED)
   Chairs: Janet E. Stout, Yusen E. Lin
17:45-18:00  A Multicenter Study on Legionella Air Contamination in Italian Healthcare Facilities: Comparison of Different Sampling Methods
   Osvalda De Giglio
   University of Bari, Bari, Italy
18:00-18:15  Maxi Impact of Temperature, Copper and Silver Exposure on the Viability and Recovery of Clinical and Environmental Strains of Legionella pneumophila
   Michèle Prevost
   Polytechnique Montréal, Montréal, Canada
18:15-18:30  Prevention and Control of Legionella spp. Colonization in Dental Units
   Beatrice Casini
   University of Pisa, Pisa, Italy
18:30-18:45  Legionella Colonization Of Hotel Water Supply Systems In Touristic Places Of Greece: Associations With System Characteristics and Physicochemical Parameters
   Varvara Mouchtouri
   Department of Medicine University of Tessaly, Larissa, Greece
18:45-19:00  Risk Assessment of Legionella in Hospital Washbasins: Water and Aerosol
   Pasqualina Laganà
   University of Messina, Messina, Italy
19:00-19:30  ROUND TABLE:
   discussion on the topics (critical aspects, pros and cons, etc.) presented in the session of the day
08:00-13:30 Registration and exhibition

08:30-11:00 **SESSION 10 - LEGIONELLA GUIDELINES IN DIFFERENT COUNTRIES**
   Chairs: Birgitta de Jong, Maria Luisa Ricci
   
   08:30-09:00 European Legionella Guidelines
   **Susanne Lee** *(Invited speaker)*
   Legionella LTD., United Kingdom
   
   09:00-09:30 U.S. Guidance and Standards
   **Janet E. Stout** *(Invited speaker)*
   Special Pathogens Laboratory, Pittsburgh, United States of America
   
   09:30-10:00 The German Experiences with *Legionella* Risk Regulation
   **Martin Exner** *(Invited speaker)*
   University of Bonn, Bonn, Germany
   
   10:00-10:20 *Legionella* Guidelines in the Russian Federation:
   Harmonization in Accordance to International Standards
   **Igor Tartakovskiy**
   Gamaleya Research Center of Epidemiology and Microbiology, Moscow, Russia
   
   10:20-10:40 *Legionella* Regulation in Australia
   **Richard Bentham**
   Flinders University, Adelaide, Australia
   
   10:40-11:00 Italian *Legionella* Guidelines: a Special Focus on Dental Unit Waterlines
   **Maria Luisa Ricci**
   Italian National Institute Health, Rome, Italy
   
   11:00-11:30 Coffee break

11:30-13:30 **SESSION 11 - CHALLENGES OF LEGIONELLA AND FUTURE PERSPECTIVES**
   Chairs: Paul H. Edelstein, Janet E. Stout
   
   11:30-12:00 Advancing a Framework for Prebiotic/Probiotic Control of *Legionella*
   in Distribution Systems and Building Plumbing
   **Amy Pruden** *(Invited speaker)*
   Virginia Tech in Blacksburg, Virginia, United States of America
   
   12:00-12:30 Technology Advancement Supporting *Legionella* Control in Dubai
   **Redha H. Salman**
   Health and Safety Department-Dubai Municipality, Dubai UAE
   
   12:30-13:00 The European Perspectives of *Legionella* Surveillance and Control
   **Valeria Gaia** *(Invited speaker)*
   Swiss National Reference Centre for *Legionella*, Bellinzona, Switzerland
   
   13:00-13:30 Presentation of *Legionella* 2021
   
   Closing remarks: Paola Borella and Maria Luisa Ricci
GENERAL INFORMATION

CONGRESS DETAILS

DATES
26th - 30th September 2017

CONGRESS VENUE
Auditorium Antonianum
Viale Manzoni, 1 - 00185 - Rome

LANGUAGE
The official language of the Congress is English.

BADGES AND CONFERENCE MATERIALS
Name badges and conference material will be provided on-site to all registered delegates at the conference registration, from 26th - 30th September 2017. Badges are to be worn at all times, for reasons of security and identification. You will not be permitted to enter any building or room without your badges.

CERTIFICATE OF ATTENDANCE
All register delegates are entitled to a certificate of attendance. Certificates can be collected from the conference secretariat on the last day of the Conference.

LIABILITY AND INSURANCE
Delegates and exhibitors are advised to take out adequate insurance cover against any risk of loss, damage, injury or liability before travelling to the Conference. Neither the Conference Organisers nor its contractors shall accept liability for personal injury or loss/damage to property and belongings of delegates during the Conference or their stay in Rome.

MOBILE PHONES
Delegates are kindly requested to switch off their mobile phones during the Conference sessions.

PROGRAMME CHANGES
Due to circumstances beyond the control of the Congress Organisers, last-minute changes to the programme may be unavoidable.

LATE REGISTRATION FEE (IN EURO)

Registration types and fees

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<tr>
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<td>Italian Scientific Societies</td>
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<td>Student</td>
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ALL PRICES INCLUDE VAT 22%.
PLEASE, VERIFY IF REDUCTION OR NO VAT ARE DUE IN YOUR POSITION (for example, no VAT is due by the Italian Public Health Operators. For further information, please contact registration@legionella2017.com or +39 06 36381573 / +39 0637513142 before the registration)

STUDENT: this voice includes students attending degree, PhD course, Specialization School.
Students must please bring Student ID to the Conference.

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Cambodia
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Iraq
Jamaica
Jordan
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Kenya
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Kosovo
Kyrgyz Republic
Lao PDR
Lebanon
Lesotho
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Timor-Leste
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Tonga
Tunisia
Turkey
Turkmenistan
Uganda
Ukraine
Uzbekistan
Vanuatu
Venezuela, RB
Vietnam
West Bank and Gaza
Yemen, Rep.
Zambia
Zimbabwe
GENERAL INFORMATION

THE REGISTRATION INCLUDES
• Participation in the congress activities
• Congress Kit
• E.C.M.
• Opening cocktail (26th September 2017)
• Congress lunches (27th - 29th September 2017)
• Coffee breaks (27th - 30th September 2017)
• Certificate of attendance

SUBSTITUTIONS/NAME CHANGES
All participant substitutions who are already registered should be sent with a written request to the Organising Secretariat, specifying the name of the substituted person. Every name change will be charged of € 40,00 + 22% VAT.

E.C.M. ACCREDITATION (only for italian partecipants)
This event gives right to: Nr. 6 CME credits to Physician Ref. (555 - 202428)
Educational aims: Main Guides, Protocols, Procedures for the categories: Physician, Biologist, Nurse, Biomedical Laboratory Technologist, Occupational Health and Safety Officer.
Discipline: Hematology, Gastro-enterology, Medical Genetics, Geriatrics, Respiratory diseases, Contagious diseases, Clinical and Toxicology Pharmacology, Medical Genetic Laboratory, Microbiology and Virology, Hygiene, Epidemiology and Public Health, Occupational Medicine and workplace safety, General Medicine (family doctor), Epidemiology.

OBTAINING TRAINING CREDITS
To obtain training credits, participants need to participate in the congress scientific activities planned for every day; once the congress is over, they will hand in their personal data, together with the scientific self-evaluation and approval questionnaires, fully filled out.

PARTICIPATION CERTIFICATE AND E.C.M. CERTIFICATE
At the end of the congress, all regularly registered participants will be issued a certificate of participation, while the E.C.M. certificate will be available on-line 90 days after the end of the event (subject to attribution by the Ministry of Health). Participants will be able to download their Italian certificates with the credits obtained, by connecting to the website www.idealcpa.com and following the simple procedures.
European certificates will be sent by email to the address written on the approval questionnaire after 90 days of the end of the congress.

PROGRAMME ON LINE
The programme will be available on line only on the official congress web site: www.legionella2017.com
The 9th International Conference on Legionella will be held at the Auditorium Antonianum, viale Manzoni, 1 Rome. http://www.auditoriumantonianum.it/en/
The congress venue is located in a strategic and central area of Rome, just 1400 metres far from the principal train Termini and 100 metres far from underground station Manzoni.

HOW TO GET THERE

From both the international airport of Rome you can reach the centre of Rome quickly by train, buses or private coaches.

- TO/FROM FIUMICINO AIRPORT

TRAINS FROM/TO THE FIUMICINO AIRPORT
From the railway station, located in the airport, near the Arrivals and Departures terminals, you can reach the city centre in many, frequent Trenitalia’s connections:
- Leonardo Express, a non-stop service exclusively for airport passengers to/from Rome Termini railway station leaving every 15 minutes* with a journey time of 32 minutes
- Regional FL1 trains to/from other stations in Rome, including Rome Tiburtina, with departures every 15 minutes on weekdays and every 30 minutes on weekends and holidays
* - departures every 30’ from Fiumicino Airport before 07.08 and after 21.08 and between 10.08/10.38 and 14.08/14.38
- departures every 30’ from Rome Termini before 05.20 and after 05.20 and between 09.50/10.20 and 13.50/14.20

For more information: www.trenitalia.com

BUSES FROM/TO THE AIRPORT
A lots of buses companies are available from/to the city from “Leonardo da Vinci” Airport:

COTRAL
- The scheduled bus stops are opposite Terminal 2, Arrivals. To reach them follow the “Regional Bus Station” signs.
- Information on the service: tickets can be purchased at the authorized sales point (news stands, tobacconists, etc.) or, with a surcharge, on-board the bus.
- It takes about an hour.

For more information: www.cotralspa.it

SIT BUS SHUTTLE
- The buses stop at the BUS hub adjacent to the Terminal 3 exits - Arrivals, bus rank no. 1. To reach them follow the “Regional Bus Station” signs.
- Information on the service: tickets can be purchased at the authorized sales point (news stands, tobacconists, etc.) or, with a surcharge, on-board the bus.
- The journey is about 45 minutes - leaving every 30 minutes

T.A.M. S.R.L.
- The buses stop at the BUS hub adjacent to the Terminal 3 exits, Arrivals, bus rank no. 4. To reach them follow the “Bus Station” signs
- Information on the service: the service operates every day, from Monday to Sunday. Tickets can be purchased directly on board the bus. The journey is about 45 minutes - leaving every 30 minutes
http://www.tambus.it

- TO/FROM CIAMPINO AIRPORT

TRAINS From/to CIAMPIMO AIRPORT
The nearest train station to the Giovan Battista Pastine Airport is in the town of Ciampino, connected to the airport by COTRAL/SCHIAFFINI buses every 30 minutes. The journey time is, on average, 5 minutes. The cost of the ticket, for sale both on board and from the ground staff is 1,50 euro.

BUSES FROM/TO THE CIAMPINO AIRPORT
A daily connection between the airport and Rome Termini railway station is provided by these companies:

ATRAL - COTRAL - SIT - TERRAVISION - SCHIAFFINI
All the bus stops are opposite International Departures. For information on timetables, routes, and the cost of tickets see the websites of the various bus companies

- ARRIVING FROM TERMINI STATION

By foot, 1400 metres (about 15 minutes)
By underground, line A (direction Anagnina), MANZONI station (100 metres)
By bus, line 714, MERULANA/LABICANA stop
Other buses to/from the congress venue:
- Line 3 or 810, MANZONI/MERULANA stop
- Line 16 or 717, MERULANA/LABICANA

For more information consult the Local public transport website http://www.atac.roma.it/page.asp?p=52
ABOUT ROME

VISA
Some participants may need a visa to travel to Italy. Participants are invited to check with the Italian consulate in their country. The Organising Secretariat is not responsible for obtaining visas and does not provide financial support for them.

CURRENCY
Italy is a part of the European Currency Unit and the official currency is Euro (€). Banks in Italy are usually open Monday to Friday 9:00 AM - 15:30 PM.

CLIMATE
The climate in Rome is generally mild and continental. The average temperature in Rome in September ranges from 15°C to 25°C.

LANGUAGE
Italian is the first language. The most common foreign language is English.

TIME
Italy is GMT+1
Rome 12:00 - London 11:00 - New York 12:00 - Sidney 22:00

TELECOMMUNICATIONS
The area code for Italy from abroad is: +39

EMERGENCY NUMBERS
- Breakdown Service ACI - 803116
- Police - 113
- Carabinieri - 112
- FireBrigade - 115
- Local Police - 0667691
- Customs - 117
- Police Station - 064686
- First Aid - 118
- Italian Red Cross Ambulance - 06 5510
- Chemist’s Open On A Holiday - 06 228941
- Urgent Blood Transfusion - Policlinico Umberto I - 06 49970860 - 06 49970861
- Urgent Blood Transfusion - S. Giovanni Hospital - 06 77055563
- Permanent First Aid Station - 06 4826741 - 06 58201030
- Roman Green Cross Ambulance - 06 24302222

ELECTRICITY
The voltage in Rome for private homes (and thus for hotels) is 220/240 Volts.

TRANSPORTATION
During the day, buses and trams start the service at 5:30 am and run all day until Midnight in all directions. Night buses start the service at 00:30 am until 5:30 am. Buses leave from Piazza dei Cinquecento (Termini Train Station) and Venice Square (Piazza Venezia) every 30 minutes in all directions. You can buy tickets for 1 euro on board.
For more information about all routes, check the official Rome Public Transportation Agency, ATAC. There you’ll find all the up-to-date information on routes, tickets, underground and urban railways, public transport maps, wait times, and all information to get around Rome. On the ATAC website there is also an useful services: route planner that allows you to enter your starting point and the destination addresses and it will provide a map of the route you should take including the buses necessary to get there.

BY TAXI
Taxis can be called by phone or can be caught directly from the appropriate reserved taxi points, located in various parts of the city centre and in other suburban areas.
Otherwise you can call one these phone taxi numbers (remember, the meter starts from the time you call, not when you get in!)
- Ph. 06 3570
- Ph. 06 4994
- Ph. 06 6645
- Ph. 06 5551
- Ph. 06 8822
CONFERENCE INFORMATION

AUDIOVISUAL EQUIPMENT / SPEAKER’S READY ROOM
A Speaker’s Ready Room will be operating throughout the duration of the congress. Speakers are kindly requested to hand in their presentation (USB-key, CD-ROM, DVD) at least three (3) hours before their scheduled presentation time. If your presentation is scheduled early in the morning, you are kindly requested to check your presentation at the Speaker’s Ready Room the day before. All version of MS Power Point are accepted, including Mac. If you are using embedded video clips in your presentation, please remember to submit video files separately. The following equipment will be available.
- PC
- Data video Projector (Power Point presentations)
- Laser Pointer
- Microphones

ORAL COMUNICATIONS
If you are presenting a free communication, you are kindly requested to observe the following points:
- Please declare any relevant link to industry or other conflicts of interest at the beginning of your presentation
- Please speak slowly and clearly. English is a working language of the congress, but not necessarily the native language of the delegates

POSTER PRESENTATION
For Posters to be exhibited, please note the following:
- The necessary material for displayed will be available in the poster area
- Posters panel numbers will be displayed at the top of the panel
- The corresponding poster panel number for each poster presented has been provided by the Congress Organizers, along with abstract presentation guidelines
- Please note the posters should be 70 cm (width) x 100 cm (height) maximum
- As a courtesy to other presenters, participants are kindly requested not to move or remove posters numbers or change the order of the assigned poster boards
- It is essential that presenters clear their poster board promptly and within the scheduled time. Material left on a poster board after to removal deadline will be discarded
- The Congress Organizers are not responsible for materials left behind that are stolen or damaged

MOUNTING AND DISMANTLING OF POSTERS

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**POSTER SESSION 2 - THURSDAY, SEPTEMBER 28TH, 2017**

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