

Poster Session

Session Theme	Abstract No.	First Name	Last Name	Abstract Title
1 Epidemiology	P-01	Shinnosuke	Fukushima	Trends in the Incidence and Mortality of Legionellosis in Japan: A Nationwide Observational Study
1 Epidemiology	P-02	Noriko	Nakanishi	Whole-Genome analysis of <i>L. pneumophila</i> strains causing outbreak at bath facility in Kobe, Japan
1 Epidemiology	P-03	Sara	Matthews	Capturing many sequence types of <i>Legionella pneumophila</i> and long-term storage method with Legiolert
1 Epidemiology	P-04	Fabienne	Fischer	Using routine data to study Legionnaires' disease: Insights from the Swiss surveillance data
1 Epidemiology	P-05	Christophe	GINEVRA	Epidemiology of French <i>Legionella longbeachae</i> isolates over 20 years.
1 Epidemiology	P-06	Melina	Bigler	Diagnosing patients with Legionnaires' disease in Switzerland and their disease experience
1 Epidemiology	P-07	Reiko	Shimbashi	Changes in notifications of legionellosis vs. IPD in Japan during the COVID-19 pandemic
1 Epidemiology	P-08	Darja	Kese	Legionella pneumophila infections during the COVID-19 pandemic in Slovenia
1 Epidemiology	P-09	Frances	Graham	Meteorological factors, air pollution and Legionnaire's disease: time series analysis
1 Epidemiology	P-10	Maria-Jesus	Chasqueira	Antibiotic susceptibility pattern of environmental <i>Legionella strains</i> isolated in Portugal
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-11	Alexandre	CREPIN	Interspecies communication in <i>Legionella</i> spp. with a focus on <i>L. longbeachae</i>
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-12	Anne Vatland	Krovel	Nanopore sequencing as a solution for the <i>mompS</i> challenge in <i>L. pneumophila</i> SBT from short-read data
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-13	Junko	Ameura-Maekawa	Evaluating <i>Legionella pneumophila</i> NaCl-resistant mutant virulence using <i>Galleria mellonella</i> model
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-15	Dani?l	Leenheer	Rapid, in-patient adaptations of <i>Legionella pneumophila</i> to the human host
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-16	Xanthe	Adams-Ward	Exploring the capacity of clinical <i>Legionella</i> strains from recurring infections to form persisters
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-17	Juliette	Bougnon	Mobile Genetic Element drives diversification of T4SS effectors in the pathogenic <i>L. pneumophila</i>
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-18	Anaisa	B. Moreno	Evolutionary and functional analysis of RavC, a <i>Legionellales</i> -wide conserved effector
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-19	Elisabeth	Kay	FIS family members jointly control virulence and xenogeneic silencing in <i>L. pneumophila</i>
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-20	Camille	Allam	Immune alterations in patients with severe Legionnaires' Disease
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-21	Christophe	GINEVRA	Culture-free genome comparison using shotgun deep sequencing
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-22	Daniel C.	Lockwood	<i>Evaluation of new tools to determine infection-induced protein complexes</i>
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-23	Natalia	Kozak-Muiznieks	Prevalence of Sequence Type ST222 and spread from the Great Lakes to the US West Coast and Europe
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-24	Christopher	Price	<i>Vermamoeba vermiformis</i> , a Trojan horse for infection of human macrophages by <i>Legionella</i>
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-25	Hannah	Hanford	Divergent responses of polymorphonuclear neutrophils to <i>Legionella</i> species
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-26	Marina	Grossi	<i>Legionella pneumophila</i> effector Lpg2409 binds PI(3)P and targets host mitochondria
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-27	Abby	Bolt	Identification of novel phosphoinositide binding <i>Legionella pneumophila</i> effector proteins
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-28	Summer	Hackenburg	Characterizing <i>L. pneumophila</i> effector Lem8 and its interaction with host cytoskeletal regulators
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-29	David	Harte	Is Legionella reinfection a common occurrence?
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-30	Tobias	Sahr	<i>Legionella pneumophila</i> small RNAs mimic eukaryotic miRNAs to dampen the host immune response
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-31	Silke	Schmidt	Role of the unique <i>Legionella longbeachae</i> capsule in virulence and infection
2 Pathogenesis, Immunology, Host interactions, Genetics and Genomics	P-32	Jessica	Martyn	Heterogeneity in <i>Legionella pneumophila</i> populations
3 Ecology and Environment	P-33	Marianne	Grimard-Conea	<i>Legionella pneumophila</i> in a large building water system: how should flushing be carried out?
3 Ecology and Environment	P-34	Margot	Cazals	Do heat and material alter the survival of <i>L. pneumophila</i> and its hosts in drinking water biofilms ?
3 Ecology and Environment	P-35	Harriet	Whiley	Real time surveillance of stagnation and temperature to predict <i>Legionella</i> in an Australian hospital

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3 Ecology and Environment	P-36	Hana	Trigui	Comparison of six <i>L. pneumophila</i> detection methods: effective risk monitoring in water systems
3 Ecology and Environment	P-37	Muhammad Atif	Nisar	<i>Legionella</i> and amoeba present in Australian domestic and hospital potable water
3 Ecology and Environment	P-38	Shoko	Komatsu	The genetic characterization of <i>L. pneumophila</i> SG1 isolates from bath water in Kobe city, Japan
3 Ecology and Environment	P-39	Masaki	Okunaga	Comparison of microbiota in artificial environment water by metagenomic analysis
3 Ecology and Environment	P-40	Jeffrey	Liang	Handling the heat - Experimental evolution of <i>Legionella pneumophila</i> under heat shock
3 Ecology and Environment	P-41	Hyunwoo	Jun	Activity of copper-based agents against <i>Legionella longbeachae</i> when added to potting soils.
3 Ecology and Environment	P-42	Hyunwoo	Jun	Identification of a promising agent to reduce the risk of Legionnaires' disease in gardeners
3 Ecology and Environment	P-43	Mihai	Zamfir	Legionella detection in environmental water and air samples using culture and viability qPCR methods
3 Ecology and Environment	P-44	Sebastian	Crespi	Prolonged hotel closures during the COVID-19 pandemic: an increased risk of Legionella infections?
3 Ecology and Environment	P-45	Arthur	Ouradou	Statistical approach to investigate wastewater plants as sources of legionellosis clusters
3 Ecology and Environment	P-46	Elliston	Vallarino Reyes	Temporal and spatial variation in cooling tower microbiomes and the presence of <i>Legionella</i>
3 Ecology and Environment	P-47	Kelsie	Cassell	Seasonality of Cooling Tower Legionella Positivity Rates and Association with Weather
3 Ecology and Environment	P-48	Dimosthenis	Chochlakis	The effect of chemical elements and ions on the presence of Legionella in water systems
3 Ecology and Environment	P-49	Dimosthenis	Chochlakis	Modelling the effect of several factors on the presence of Legionella in water distribution systems
3 Ecology and Environment	P-50	Laetitia	Beraud	Droplet digital PCR for the detection and quantification of <i>Legionella pneumophila</i> in water samples
3 Ecology and Environment	P-51	Marilena	D'Ambrosio	Legionella anisa or Legionella bozemanii? The role of molecular typing to discriminate among species
4 Clinical, Diagnostics and Infection Control and Prevention	P-52	Claressa	Lucas	International Travel-Associated Legionellosis Identified by Culture-Independent Detection and Typing
4 Clinical, Diagnostics and Infection Control and Prevention	P-53	Toshitsugu	Taguri	Bacterial counts by flow cytometry can determine presence / absence of <i>Legionella</i> in bath water
4 Clinical, Diagnostics and Infection Control and Prevention	P-54	Savina	Ditomaso	<i>Legionella</i> detection in environmental samples: evaluating false positive rates after ISO 11731:2017
4 Clinical, Diagnostics and Infection Control and Prevention	P-55	Stefania	Paduano	Microbiome profile of a hospital water network treated with hydrogen peroxide: <i>pre-post</i> approach
4 Clinical, Diagnostics and Infection Control and Prevention	P-56	Beatrice	Fermi	A green chemistry-based formulation eradicates biofilm and <i>Legionella</i> from DUWLs
4 Clinical, Diagnostics and Infection Control and Prevention	P-57	Yuki	Kobayashi	The bactericidal effect of far-UVC on ESBL-producing <i>Escherichia coli</i>
4 Clinical, Diagnostics and Infection Control and Prevention	P-58	Luna	Girolamini	Development of a cooling tower predictive aerosol dispersion model to prevent <i>Legionella</i> infection
4 Clinical, Diagnostics and Infection Control and Prevention	P-59	Tahmina	Rahman	Development of Alternative <i>fla A</i> Primers for the Sequence-based Typing of <i>Legionella pneumophila</i>
4 Clinical, Diagnostics and Infection Control and Prevention	P-60	Kelsie	Cassell	Evidence for multiple cases of recurrent Legionella infection: A Danish national surveillance study
4 Clinical, Diagnostics and Infection Control and Prevention	P-61	Isabella	Marchesi	Effectiveness of the Water Safety Plan approach in controlling <i>Legionella</i> in hospital water systems
4 Clinical, Diagnostics and Infection Control and Prevention	P-62	Kotaro	Aoki	Evaluation of the PCR Reagent for Legionella on the GeneSoC®
5 Others	P-63	Hideo	Kato	Meta-analysis of fluoroquinolones versus macrolides for treatment of <i>Legionella pneumonia</i>
5 Others	P-64	Hiroaki	Inoue	Efficacy of ethambutol as a selective agent for detecting <i>Legionella</i> in environmental water samples
5 Others	P-65	Naoki	Nakajima	Influence of high pH on chlorine disinfection against <i>Legionella</i> spp.
5 Others	P-66	Elizabeth	Hannapel	CDC <i>Legionella</i> Control Toolkit: A Multifactorial Approach to Interpreting Routine <i>Legionella</i> Results
5 Others	P-67	Masakazu	Hayashi	Registration system of anti- <i>Legionella</i> chemicals and results of EQA for <i>Legionella</i> testing
5 Others	P-68	Junko	Amemura-Maekawa	PCR serotyping of <i>Legionella pneumophila</i> based on the diversity of LPS biosynthetic loci
5 Others	P-69	Carsten	Ing. Gollnisch	DIN EN ISO/IEC 17020 Inspection Body Accreditation for the quality of Water Installations

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5 Others	P-70	Vicky	Katsemi	<i>Legionella</i> contamination in cold and hot water Installations of a residential building in Germany
5 Others	P-71	Maria Rosaria	Pascale	Novel <i>Legionella</i> species discovered in a hotel during environmental surveillance
5 Others	P-72	Sergio	La Mura	International return of experience on 4 pillar: facilities-customer-visitors-tecnicians staff
5 Others	P-73	Lisa	Wasserstrom	Improved molecular diagnostics of non- <i>Legionella pneumophila</i> species with 23S-5S rRNA real-time PCR.
4 Clinical, Diagnostics and Infection Control and Prevention	P-74	M	Scaturro	The New European Drinking Water Directive 2020/2184: comparison of three methods for detecting <i>Legionella pneumophila</i> .