POSTERS

POSTER SESSION 1 - WEDNESDAY, SEPTEMBER 27TH, 2017

N°	TITLES	AUTHORS
1	Characterization of *Legionella* RCC1 domain effector proteins	Leoni Swart A., Schütz S.,Steiner B., Hannemann M., Itzen A., Panse V.G., Hilbi H.
2	LegK4 from *Legionella pneumophila*, a bacterial protein kinase that targets the host cell nucleus	Blache Q., Baïlo N., Michard C., Doublet P.
3	Disulfide loop cleavage of *Legionella pneumophila* PlaA boosts lysophospholipase a but diminishes glycerophospholipid cholesterol acyltransferase activity	Hiller M., Lang C., Flieger A.
4	Evolution of virulence traits during mutation accumulation evolution experiment in legionella pneuomophila	Carrillo G., Ginevra C., Jaboulay C., Doublet P., Jarraud J., Kay E.
5	*Legionella* triggers the AIM2 Inflammasome that engages active but unprocessed Caspase-1 to induce noncanonical activation of the NLRP3 Inflammasome	Cunha D.L., Alexandre L. N. Silva, Ribeiro J. M.,Fonseca Lincoln L., P. A. Mascarenhas D., F.S Quirino G., Santos L.L., S.D. Lima-Junior, Zamboni S.D.
6	Export of the Phospholipase PlaB of *Legionella pneumophila*	Wiebke M. Auraß P., Wissing J., Jänsch L., Flieger A.
7	*Legionella pneumophila's* growth and infection dynamics in *Acanthamoeba polyphaga*, *Dictyostelium discoideum*, and U937 macrophages	Moreno AB., Guy L.
8	Inducing apoptosis to promote *Legionella* clearance by macrophages	Naderer T.
9	Effect of human antimicrobial peptides against *Legionella pneumophila*	Vandewalle M., Guillemot J., Chapalain A., Lina G., Doublet P., Jarraud S., Ginevra C.
10	Orchestration of Dot/Icm bacterial effector expression and secretion by nucleoid-associated proteins and cyclic-di-GMP metabolizing enzymes during *Legionella* infectious cycle	Vianney A., Allombert J., Jaboulay C., Andréa C., Baïlo N., Buchrieser C., Doublet P., Kay E.
11	Bacterial transcript analysis reveals a compensatory role for the *L. pneumophila* type II-dependent LapA aminopeptidase and PlaC acyltransferase during infection of *Acanthamoeba*	White RC., Gunderson FF., Cianciotto NP.
12	The GDSL hydrolase PlaD is a Dot/Icm secreted effector of *Legionella pneumophila* and confers high toxicity to eukaryotic cells	Hiller M., Lang C., Flieger A.
13	Cytotoxic glycosyltransferase effectors of *Legionella*	Levanova N., Belyi Y., Schroeder G. N., Aktories K., Jank T.
14	Intracellular growth defect of the iroT mutant of the *Legionella pneumophila* despite its hypertoxicity	Miyake M., Tsushima Y., Marukawa T., Kuniyasu K., Sugiyama A., Yoshida I., Abu Kwaik Y., Imai Y.
15	Caspase-8 participates in the Naip5/NLRC4/ASC inflammasome that is responsible for recognition and restriction of *Legionella pneumophila* replication in macrophages	Mascarenhas D. P. A., Cerquiera D. M., Pereira M. S. F., Castanheira F.V.S., Fernandes T. D., Manin G. Z., Cunha L. D., Zamboni D. S.
16	*Legionella* effector AnkX disrupts host cell endocycling in a phosphocholination-dependent manner	Neunuebell M. R., Allgood S. C., Badjo B. P., Noll R. R., Lein S., Pike C.
17	Comparative whole genome sequence analysis of a *Legionella pneumophila* sg 6 clinical strain and its spontaneus avirulent mutant	Ricci M. L., Equestre M., Salaris S., Marcantonio C., Orsini M., Scaturro M.
18	Rapid adaptations to the accidental human host in *Legionella pneumophila*	Leenheer D., Pelaz C., Morin M., Hallin E., Klingenberg D., Jarraud S., Ginevra C., Guy L.

POSTERS

N°	TITLES	AUTHORS
19	The small regulatory RNA lpr0010 plays a role in *Legionella pneumophila's* survival in water	Saoud J., Massé È., Faucher S.
20	Investigating the use of metagenomic sequencing for *Legionella* detection	Carney S., Cox M. J., Cookson W. O., Chalker V. J., Moffatt M. F.
21	Assessing genetic diversity for *Legionella pneumophila* sequence type 1 isolate discrimination	Mercante J. W., Caravas J. A., Ishaq M. K., Kozak-Muiznieks N. A., Morrison S. S., Raphael B. H.
22	Characterising the genome of *Legionella longbeachae* serogroup 1 clinical isolates	Slow S., Anderson T., Harte D., Murdoch D. R.,Winter D., Biggs P. J.
23	Characterization of a novel transcriptional regulator in *Legionella pneumophila*	Graham C., Patel P., Brassinga A. K. C.
24	Role of the trans-encoded srnas lpr0014 and lpr0059 in the virulence of *Legionella pneumophila*	Mani T., Faucher S.
25	Looking into microbial dark matter in sediment and soil samples using metagenomics	Graells T., Guy L.
	POSTER SESSION 2 - THURSDAY, SEPTEMBER 28TH, 2017	
1	A legionellosis case linked to contaminated hot tub water: importance of amoebae to isolate environmental *Legionella pneumophila*	Dey R., Dlusskaya E.A., Tyrrell G.J., Ashbolt N.J.
2	Molecular and epidemiological analysis of *Legionella pneumophila* strains in an outbreak at bath facilities in Japan	Amemura-Maekawa J., Kuroki T., Ohya H., Furukawa I., Suzuki M., Masaoka T., Aikawa K., Hibi K., Morita M., Lee K., Ohnishi M., Kura F.
3	Pontiac fever outbreak during all doctors hen party	Scaturro M., Rota M. C., Caporali M. G., Pasticci M. B., Tozzi G., Ciani C., Mencacci A., Ricci M. L.
4	hotel whirlpool bath as a source of legionnaires' disease and Pontiac fever outbreak?	Räsänen P.S., Ruotsalainen E., Broas M., Huumonen K., Metso J., Jääskeläinen A.J., Kakriainen A., Yli-Ilkka T., Jaakola S., Kinnunen M., Mentula S., Kusnetsov J., Lyytikäinen O.
5	Experience of public health officials in the investigation of a *Legionella* outbreak associated with one hotel	Serres M., Feliu T., Aguilar C., Minguell S., Coll C., Bieto M.
6	*Legionella pneumophila* on tap: simulating disinfection measures of case study apartment buildings	"Van Kenhove E., Janssens A., Laverge J., Ghent University, Ghent, Belgium"
7	A 1-year surveillance of Legionnaire's disease including a 2-month outbreak in Parma (Northern Italy)	Calderaro A., Martinelli M., Larini S., Piscopo G., Ruggeri A., Di Maio A., Montecchini S., Dell'Anna M.L., Buttrini M., Arcangeletti M.C., Medici M.C., De Conto F., Chezzi C.
8	*outcome of a 12 month national study of legionnaires' disease in New Zealand: theleginz study*	Chambers S.T.
9	Improved isolation of *Legionella longbeachae* bacteria from potting mix products	Mohammadi A., Anderson T., Lewis J., Scott-Thomas A., Chambers S.T., Murdoch D.R.
10	EMA or PMA combined with qPCR cannot be used to detect viable naturally grown *Legionella pneumophila* cells from aquatic environments	Wullings B.A., Van der Wielen P.W.J.J.
11	Validation of a qPCR assay for the simultaneous detection of Legionella pneumophila and *L. pneumophila* SG1 in respiratory specimens and water samples	Bellido B.,Pelaz C.

POSTERS

N°	TITLES	AUTHORS
12	Performance of the BinaxNOW® *Legionella* Urinary antigen rapid test in conjunction with the Alere reader	Beraud L., Montoya A., Ranc A.G., Descours G., Ginevra C., Lina G., Jarraud S.
13	Specific real-time PCR for detection and identification of *Legionella pneumophila* serogroup 1 ST1	Ginevra C., Chastang C., David S., Mentasti M., Yakunin E., Chalker V.J., Chalifa-Caspi V., Valinsky L., Jarraud S., Moran-Gilad J.
14	Mixed *Legionella longbeachae* infection identified using *mip* gene sequence analysis	Harte D., Piercy M.
15	Hospital outbreak and post-outbreak investigation of Legionnaires Disease (LD) using Whole Genome Sequencing (WGS)	Decker B.K., Chen L., Kreiswirth B.N., Harris P., Muder R., Merz K.J., Sonel A.F., Clancy C.J.
16	Simultaneous detection of *Legionella spp.*, *Legionella pneumophila* and *Legionella pneumophila* sg-1 using a modified real time PCR recently described assay	Echahidi F., Soetens O., De Mendonça R., Meghraoui A., Piérard D., Roisin S., Wybo I.
17	Antimicrobial susceptibility testing of clinical and environmental *Legionella spp.* isolates in Greece, by M.I.C. gradient strips	Flountzi A., Velonakis E. N., Koutsiomani T., Vatopoulos A.
18	C4diagnostics Lp kit for rapid detection of legionellosis	Fugier E., Dumont A., Muller A., Paillusson N., Dukan S.
19	The German LeTriWa Project: microbiological results from community acquired legionnaires disease (CALD) cases	Gagell C., Lück C., Jahn H.J., Buchholz U., Reber F., Lehfeld A-S., Brodhun B., Haas W., Schaefer B., Stemmler F., Otto C., Bärwolff S., Beyer A., Geuß-Fosu U., Hänel M., Larscheid P., Mähl P., Morawski K., Peters U., Pitzing R., von Welczeck A., Widders G., Wischnewski N., Eichendorff C., Hinzmann A., Nürnberger E, Schmidt S., Schumacher J., Sissolak D., Zuschneid I., Angermair S., Arasteh K., Behrens S., Borchardt J., Creutz P., Danckert J., Deja M., Elias J., Gastmeier P., Kahnert H., Laun R., Lehmke J., Leistner R., Naumann M-B., Pankow W., Pross M., Scherübl H., Stocker H., Sturm A., Wilbrandt B.
20	Sequence based typing of *Legionella pneumophila* strains isolated in respiratory clinical specimens between 2008 and 2016 in Emilia Romagna region, Italy	Fregni Serpini G., Grottola A., Meacci M., Meccugni B., GennariB W., Tagliazucchi S., Forbicini G., Nanni N., Magnani R., Vecchi E., Simone M.L., Rabacchi C., Scaturro M., Fabio A., Ricci M.L., Pecorari M.
21	NF validation of a fast real-time PCR method for the quantification of *legionella spp.* and *Legionella pneumophila* in "clean" water samples	Poty F., Samuels E., Bouton S., Hallier-Soulier S.
22	High resolution identification of *Legionella pneumophila* genotypes in respiratory tract secretions	Jaber L., Amro M., Abu Tair H., Bahader S., R. Zayed A., Al-Alam H., Butmeh S., Abu- Hilal D., Brettar I., G. Höfle M., M. Bitar D.
23	Comparison of the analytical sensitivity of two rapid point-of-care (POC) urinary antigen diagnostic tests for *Legionella* serogroups 3, 4, and 6	Lollar R., Grippa L., Baldrica J., Tamerius J.
24	Molecular Epidemiology of *Legionella phneumophila* in South Africa, 2015 - 2016	Carrim M., Wolter N., du Plessis M., Stewart R., de Gouveia L., Von Gottberg A.

POSTERS

N°	TITLES	AUTHORS
25	Molecular typing of *Legionella pneumophila* isolates in Belgium from 2011 to 2016	Meghraoui A., Echahidi F., Argudín MA., Deplano A., Soetens O., De Mendonça R., Nonhoff C., Piérard D., Wybo I., Roisin S.
26	Evaluation of an Immuview *Legionella longbeachae* Urinary Antigen Test	Podmore R., Schousboe M., Murdoch D.
27	Fast and reliable quantification of *Legionella spp.* and *L. pneumophila* with simultaneous detection of *L. pneumophila* serogroup 1 in water by real-time PCR including live/dead discrimination	Priller F., Helbig S., Donath M., Ziehbarth H., Junge B., Grönewald C., Berghof-Jäger K.
28	Method comparison of the Quidel Sofia *Legionella* fluorescent immunoassay (FIA) with the Alere BinaxNow (Binax) assay in urine samples from patients	Badoux P., Euser S.M., Kosten L., P.F. Ijzerman E.d.
29	Legionnaires' disease in immunocompromised patients: beware of toilets!	Ginevra C., Nesa N., Descours G., Campèse C., Tankovic J., Beraud L., Ranc AG., Jarraud S., Barbut F.
30	Contribution of molecular biology to surveillance of legionellosis risk in Hotels and Industry in Abidjan	Coulibaly-Kalpy J., Monemo P., Koffi K.S., Sylla A., Ehuié P., Kissiédou E., Kacou-N'gazoa S., Koffi-Akoua C., Dosso M.
31	Comparative performance Legiolert™ vs. standard methods for the quantification of *Legionella pneumophila* in potable and nonpotable water samples	Broder D., Knight T., Pednault A., Newport V., Swalla B.
32	Weather factors affect *Legionella* positivity differently across two hospital water systems (WS)	Decker B.K., Kelly M.B., Walker J.D., Sonel A.F., Clancy C.J.
33	Adaptation of Legiolert™ for amoebal co-culture of VBNC cells	Dey R. and Ashbolt N.J.
34	Prevalence and Diversity of *Legionella pneumophila* in the Defense Setting	Yakunin E., Ohayon S., Schnaidman B., Marva E., Agmon V., Eizenkraft A., Wagnert L., Grotto I., Valinsky L., Moran-Gilad J.
35	Detection and identification of *Legionella* species in aerosols from the area nearby asphalt roads and bath water in public bath facilities in Toyama prefecture, Japan	Kanatani J., Isobe J., Norimoto S., Kimata K., Uchida U., Kura F., Amemura-Maekawa J., Watahiki M.
36	Genomic relatedness of virulence *Legionella* strains from different water supply sources	Kazanova T., Kalediene L.
37	Challenges and opportunities for legionellosis surveillance using information technology	Kilgore P.E., Zervos M.J., Alaga K.C., Alsaghayer A., Salim A.M., McElmurry S.P.
38	Climatic conditions as risk factors for the colonization of hotel water systems by *legionella* species: preliminary results of an 12-year study in Crete (Greece)	Papadakis A., Chochlakis D., Yachnakis E., Keramarou M, Sandalakis V., Tselentis Y., Gikas P., Psaroulaki A.
39	Population structure and minimum core genome typing of *Legionella pneumophila*	Qin T., Zhang W., Zhou H., Ren H., Xu J.
40	Research of *Legionella spp* in Bosnia and Herzegovina	Obradovic Z., Besic A., Obradovic A.

POSTERS

N°	TITLES	AUTHORS
41	First results of the case-control "LeTriWa" study on community-acquired Legionnaires' Disease in Berlin: No indication of infection among household members of Legionnaires' Disease cases	Jahn H.J., Buchholz U., Reber F., Lehfeld A.S., Brodhun B., Haas W., Lück C., Gagell C., Schaefer B., Stemmler F., Otto C., Bärwolff S., Beyer A., Geuß-Fosu U., Hänel M., Larscheid P., Mähl P., Morawski K., Peters U., Pitzing R., von Welczeck A., Widders G., Wischnewski N., Eichendorff C., Hinzmann A., Klosinski M., Nürnberger E., Schilling B., Schmidt S., Schumacher J., Sissolak D., Zuschneid I., Angermair S., Arastéh K., Behrens S., Borchardt J., Creutz P., Danckert J., Deja M., Elias J., Gastmeier P., Kahnert H., Laun R., Lehmke J., Leistner R., Naumann M-B., Pankow W., Pross M., Scherübl H., Stocker H., Sturm A., Wilbrandt B.
42	Healthcare-associated Legionnaires' disease: surveillance data from 20 states and one large metropolitan area - United States, 2015	Smith J.C., Barskey A., Soda E., Shah P., Cooley L.
43	Monitoring and control of *Legionella* in a private hospital group in South Africa, 2015 - 2016	Stewart R., Cleghorn J., Thomas T., Wolter N., Carrim M., Duse A., Von Gottberg A.
44	A snapshot of the prevalence and molecular diversity of *Legionella pneumophila* strains in water systems of Israeli hotels	Yakunin E., Kostyal E., Yavlovich A., Agmon V., Grotto I., Valinsky L., Moran-Gilad J.
45	How is travel-associated legionnaires' disease reporting rate associated with travel volume?	Robesyn E., de Jong B., Beauté J., Payne L., Stålsby Lundborg C., Faes C.
46	Travel - associated legionnaires' disease - United States, 2015	Edens C., Barskey A., Cooley L.
47	Colonization and persistence of *Legionella pneumophila* ST328 in a hospital	Graells T., Guy L., Padilla E.
48	Distribution of *Legionella* species in windshield washer fluid of motor vehicles in Toyama, Japan	Isobe J., Jun-ichi K., Keiko K., Amemura-Maekawa J., Fumiaki K., Masanori W.
49	*Legionella* detection in wastewater using culture and real-time quantitative PCR methods	Zamfir M., Bartha B., Walser S.M., Brenner B., Huber S., Höller C., Seidel M., Herr CEW.
50	Surveillance of *legionella* speciation and serotypings from environmental water samples in Taiwan - a 74 institution survey	Jui-Chen H., Wan-Rong Y., Yusen E. L.
51	Use of rep-PCR for molecular genotyping and inventory among isolates from nosocomial legionnaires' disease infections	Jui-Chen H., Wan-Rong Y., Yusen E.L.
52	*Legionella longbeachae* in England and Wales - results of enhanced surveillance, October 2013 - December 2016	Collins S., Afshar B., Mentasti M., Naik F., Smith R., Kirrage D., David S., Ready D., Chalker V.
53	Risk factors of *legionella* growth in water system: 29 years epidemiological study in Crete (Greece)	Papadakis A., Chochlakis D., Keramarou M., Sandalakis V., Tselenis Y., Gikas P., Psaroulaki A.

POSTERS

POSTER SESSION 3 - FRIDAY, SEPTEMBER 29TH, 2017

N°	TITLES	AUTHORS
1	Effectiveness of monochloramine at different dosage in reducing *Legionella* water contamination avoiding formation of potentially toxic by-products	Paduano S., Marchesi I., Vecchi E., Saini N., Bolognesi A., Borella P., Sircana L., Bargellini A.
2	Influence of climate on *Legionella* contamination in automobile windshield washer fluid	Schwake D.O., Brown C., Marr L.C.
3	Comparison of fish and culture methods in the examine of heterotrophic bacteria, *legionella* bacteria and free - living amoeba in cooling tower waters and biofilm samples	Zeybek Z., Doğruöz güngör N., Türetgen I.
4	Isolation of amoeba associated *Legionella pneumophila* in water systems of three South African public hospitals	Muchesa P., Leifels M., Jurzik L., George Barnard T., Bartie C.
5	Activity of *Legionella* bacteria in the cooling water of metal industry	Räsänen P.S., Pitkänen T., Kusnetsov J.
6	Diversity of *Legionella* in lab-scale activated sludge systems	Nogueira R., Pal R., Rosenwinkel K.H., Purohit H.
7	New concentration method for drinking water samples improving *Legionella* detection developed in Aquavalens project	Saucedo G., Puigdomènech C., Arnedo M.J., Juárez R., Galofré B., González S.
8	Prevalence of *Legionella pneumophila* at thermal spas in Algeria	Boilattabi N., Bouanane-Darenfed A.
9	Co-occurrence of *Legionella spp.* and free living protozoa in drinking water supply systems in Latvia	Valcina O., Pule D., Malisevs A., Trofimova J., Makarova S., Grantina-Ievina L., Berzins A., Krumina A.
10	Analysis of enviromental drivers and geographical distribution of relevant *L. pneumophila* MLVA genotypes from the west bank	Zayed A.R., Marina P., Butmeh S., Salah A., Al-Allam H., Abu Tair L., Bahader S.A., Brettar I., Höfle MG., Bitar D.M.
11	The potential adversary effect of *Bacillus* species on *Legionella pneumophila* colonization of cooling towers	Paranjape K., Faucher S.P.
12	Distribution and molecular characteristics of *Legionella spp.* strains isolated from cooling tower and hot spring in Kobe City, Japan	Nakanishi N., Tanaka S., Arikawa K., Iwamoto T.
13	Occurrence of *Legionella* in UK household showers	Stevenson D., Collins S., Walker J., Bennett A.
14	Detection of *Legionella spp.* by a new colorimetric Probe Alternation Link Self-Assembly Reaction (PALSAR) method	Morinaka R., Amemura-Maekawa J., Kanatani J., Sasaki M., Isobe J., Haraguchi H., Futo S., Kura F.
15	High prevalence of *Legionella* in non-passenger merchant vessels - is new guidance required?	Collins S.L., Stevenson D., Mentasti M., Shaw A., Johnson A., Crossley L., Willis C.
16	A new *Legionella* Monitoring Planin an old hospital water network in continuous hyperchlorination: first results	Marinelli L., Del Cimmuto A., Cottarelli A., Di Bella O., Barbato D., La Torre G., Renzini V., De Giusti M.
17	Investigation the effects of various stress factors on *Legionella pneumophila* in biofilm layer	Vatansever C., Turetgen I.
18	Use of terminal filters to prevent Legionnaires' disease: measure filter efficacy	Antonioli P., Perrone P., De Lorenzi S., Salvatorelli G.

POSTERS

N°	TITLES	AUTHORS
19	*Legionella* prevention in water systems in hospitals: Stakeholders and the process seen from Facility Management	Leiblein T.W., Tucker M., Ashall M., Al Khaddar R., Lee S., Gollnisch C., Hofer S.
20	Rapid detection of *Legionella pneumophila* by IMS and flow cytometry	Aguilar C., Rachmühl C., Stöckli M., Ehlert A.K., Julian A., Morger D., Keserue H.A.
21	Usefulness of flow cytometry to detect, quantify andevaluate cytotoxicity of *Legionella* viable but not cultivable	Allegra S., Girardot F., Riffard S.
22	Sampling of *Legionella* in bioaerosol: an INAIL patent	Gioffrè A., Samele P., Iavicoli S.
23	Comprehensive hospital water system (WS) surveillance identifies factors associated with recovery of *Legionella*	Brooke K., Decker M.D., Harris P. L., Toy L.D., M. Cloud-Woods S., E. Baumgart L., Muder R., J. Clancy C., F. Sonel A.
24	Prevention of legionellosis in oil industry	Carducci A., Janis B.
25	Evaluation of the efficacy of 3 and 4 months of use microfilters on *Legionella pneumophila* in real life conditions in a healthcare facility	Cassier P., Coudrais S., Gardes S., Gerbier-Colomban S.,Vanhems P., Raymond M.
26	Evaluation of *Legionella* contamination in water distribution systems of prisons in Sicily (Italy)	Coniglio M.A, Laganà P., Giammanco A., Calà C., Fasciana T., Distefano S., Mascarella C., Piricò V., Pulvirenti D, Mortellaro S, Lavima G., Melfi M., Ingallinella V., Buonora C., Quartarone G., Calì A., La Valle S, Delia S., Palermo M.
27	*Legionella* and amoeba in hospital cooling tower: monitoring and control	Demarie V., Avanzini C., Giorgione N., Carcieri A., Franzin L.
28	Monochloramine-based "SANIKILL®" patented technology for shock and long-term disinfection of housing water distribution systems	Di Marino O., Doniselli N., Comazzi A., Viganò S.
29	Preliminary data on detection and quantification of viable and VBNC *Legionella spp*. by culture end PMA-qPCR in water distribution system treated with monochloramine.	Ditommasoa S., Giacomuzzia M., Ricciardia E., Gremob F., Griffab D., Spinac E., Procaccic V., Barezzanid L., Mezzogorid A., Vetroned A., Zottia CM.
30	Inspection body accreditation according to DIN EN ISO/IEC 17020 – a quality assurance measure for cause identification of *Legionella* contamination in water installations	Gollnisch C.
31	A new fast method to control the Legionellosis risk: the Legio EZ-TestTM	Dumont A., Fugier E., Muller A., Paillusson N., Dukan S.
32	CYTO-WATER: A new system for rapid detection and quantification of *Legionella* in industrial water samples	Soria E., Catalán V., Yáñez A., Fernández-Fuentes M.A., Mellado V., Parker A., Buxton A., Trouchet D., Pérez J.M., Coll T., Amaya W., Hurth C., Jofre M., Martínez P., Pruneri V., Götzen R., Viader G., González S.
33	Can total aerobic bacteria predict the presence of *Legionella spp*. in cooling towers?	Figueras M.J., Sanchis M., Barbany Salas J.
34	Effect of nanosecond pulsed electric field on *Legionella pneumophila* in cooling water	Guionet A., Helmi K., Zaepffel C., Packan D., Garnier J.P., Jaffrezic M.P., Ingrand V., Blanckaert V., Teissié J., David F.

POSTERS

N°	TITLES	AUTHORS
35	Comparison of the anti-*legionella* fill material against standard polypropylene fill material in recirculating model water system	Türetgen I., Vatansever C., Dobrita D.
36	Microarray-based rapid verification and risk assessment of *Legionella* by on-chip amplification and live/dead differentiation	Kober C., Niessner R., Seidel M.
37	Long term effectiveness of chlorine dioxide disinfection against *Legionella spp*: evidence from a large teaching hospital in Rome	Laurenti P., Raponi M., Boccia S., de Waure C., Sezzatini R., Bruno S., Damiani G., Vincenti S.
38	Water safety in the operating rooms-benefits of using filters to prevent microbial contamination	Manoni N., Belgiovine R., Brigida L.
39	Control measures for legionellosis in italian hospitals: a national survey	Montagna M.T., De Giglio O., Rutigliano S., Pacifico C., Napoli C., Agodi A., Auxilia F., Baldovin T., Bisetto F., Brusaferro S., Busetti M., Calagreti G, Casini B., Cristina M..L, Di Luzio R., Fiorio M., Formoso M., Liguori G., Martini E., Molino A., Mondello P., Mura .I, Novati R., Orsi G.B., Patroni A., Poli A., Privitera G., Ripabelli G., Rocchetti A., Rose F., Sarti M., Savini S., Silvestri A., Sodano L., Tardivo S., Teti V., Torregrossa M.V., Torri E., Veronesi L., Zarrilli R., Goglio A., Moro M., Pasquarella C.
40	Aptamers: New frontiers in *Legionella* detection	Saad M., Faucher SP., Tabrizian M.
41	Energy efficiency and hygiene in drinking water installations	Petzold M., Koshkolda T., Löser J., Hoppe S., Lück C., Rühling K.
42	Removal of *L. pneumophila* by (super)cavitation	Sarc A., Kosel J., Stopar D., Oder M., Dular M.
43	Maximpact of temperature, copper and silver exposure on the viability and recovery of clinical and environmental strains of *Legionella pneumophila*	Prévost M., Doberva M., Faucher S., Allegra S., Bédard E.
44	Bacterias from *Legionella* group in thermal water used in swimming pools	Mika A., Kmiecik E., Wątor K.
45	Evaluation of Laboratory kits for *Legionella* detection by Real Time PCR	Mucci N., Cianfanelli C., Braconcini M., Gianfranceschi G., Santucci S., Valeriani F.
46	Air-bubbles, a “green” new alternative for biofilm removal	Navalón P., Martínez J., Yáñez M.A., Creeswijk S., Catalán V.
47	Hospital-acquired *Legionella* infection: addressing new challenges and critical issues in the application of the water safety plan	Pierobon A. , Lorenzoni M., Berti C., Rosato L., Baldovin T.

POSTERS

N°	TITLES	AUTHORS
48	Does storage time of samples influence the recovery of *Legionella* in waters? A study in real environmental water samples	Poznanski E., Romanin E., Freguglia M., Stenico A.
49	*Legionella* in waterworks: effectiveness evaluation of an innovative method of prevention and control	Boschetto G., Baldovin T., Bertoncello C., Brioni A.
50	Surveillance and containment of *Legionella pneumophila* in water plumbing systems of the hospital of Padua, Italy	Richter S.N., Sciro M., Vanuzzo M.C., Narne E., Rossi L., Palù G.
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POSTERS

N°	TITLES	AUTHORS
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