



18th WAVLD

June 7th - 10th, 2017
SORRENTO (ITALY)

Hilton Sorrento Palace



Dear Colleagues,
Following the early
announcements given at
the 2014 EAVLD Congress
in Pisa and at the 17th WAVLD
Symposium in Saskatoon, we are
now inviting all of you to the 18th International
Symposium of the World Association of Veterinary
Laboratory Diagnosticians, that will be held in 2017 in Sorrento.

This is the second WAVLD Symposium that the Italian Association of Veterinary Laboratory Diagnosticians (SIDiLV) is going to host. Some of you still remember the first we held in 2001 Salsomaggiore (Parma). Sixteen years later we are proud to welcome you again to Sorrento, one of our best beauties. The location is so attractive that we suggest attending delegates to combine the scientific interest to the tourist opportunity, dedicating to it a few more days of their stay!

It has been discussed whether the biannual Symposium was too frequent an event to appeal and catch the attention of colleagues involved at different title and level in the field of diagnosis and veterinary research. Instead, we think that a tight attendance to WAVLD meetings should continue, given the speed of the scientific progress and the need of a direct exchange within the scientific community, beyond the opportunities given by scientific literature. The same consideration applies to the possibility to simultaneously compare the wide range of innovative products that the participating industries will propose.

We want everyone who can contribute to the success of the 18th Symposium coming up, with scientific contributions, new suggestions and proposals: we will do our best to deal with them, since our goal is to meet your expectations!

The Chair of the Symposium
Dr. Gian Luca Autorino



Organizing Committee ■ ■ ■

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Robert Koch-Institut, Berlin (Germany)



WEDNESDAY JUNE 7 th	
16.00	Registrations
18.00	
THURSDAY JUNE 8 th	
8.00	Registrations
9.00	
9.00	Opening Session
9.30	Welcome and Opening Remarks
9.30	Keynote Lecture
10.15	Laboratory network role in managing major animal disease outbreaks <i>Sarah Tomlinson, National Animal Health Laboratory Network (USA)</i>
10.15	Coffee break and & Exhibition/Poster viewing
10.45	Oral Presentations New technologies: omics and biomarkers, whole genome sequencing, molecular typing
12.30	Oral Presentations Control and management of endemic diseases
10.45	Next generation sequencing as a tool in veterinary disease surveillance and molecular diagnostic test improvement <i>Warner S., Batovska J., O'Riley K., Wang X., Mohammad I., Mann R., Cogan N., Lynch S., Blacket M., Fegan M.</i>
11.00	A diagnostic approach to understand endemic coxiellosis in dairy cattle herds <i>Boettcher J., Motsch B., Deckinger E., Werth S., Alex M., Janowitz B.</i>
11.00	Advanced research infrastructure for experimentation in genomics (aries): a concept of a bioinformatics framework for the analysis of genomic data from zoonotic agents <i>Michelacci V., Knijn A., Orsini M., Morabito S.</i>
11.15	Mycoplasmoses control in caprine herd through bulk tank milk regular sampling <i>Treilles M., Vialard J., Gay E., Maingourd C., Le Grand D., Tardy F.</i>
11.15	Full genome sequencing of african swine fever virus using targeted sequence capture technology <i>Cano-Gómez C., Nieto R., Soler A., Nurmoja I., Pridotkas G., Arias M., Gallardo C., Fernández-Pinero J.</i>
11.30	Optimized real-time pcr assay for detection of brucella spp. In milk from cattle and small ruminant <i>Holzapfel M., Grewis L., Laffont M., Ponsart C.</i>

11.30	Wgs from an anthrax outbreak make known the italian tale of the disease <i>Serrecchia L., Fasanella A., Aceti A., Rondinone V., Alessiani A., Perletta F., Neri D., Scacchia M., Garofolo G.</i>	Using bulk milk as a biological matrix for animal health surveillance: an example in systems integration <i>Iotti B., Bertolotti L., Colitti B., Fea G., Mina G., Facelli R., Ponzo A., Giacobini M., Rosati S.</i>
11.45	Preliminary molecular characterization of possibly novel orthopoxvirus <i>Gruber C.E.M., Giombini E., Selleri M., Castilletti C., Carletti F., Lapa D., Puro V., Di Caro A., De Marco L., Lorenzetti R., Cardeti G., Autorino G.L., Capobianchi M.R.</i>	Optimized dna isolation from milk samples for improved mastitis diagnostics by pcr <i>Herrmann Daland C., Labitzke M., Gaunitz C., Sasse O., Schroeder C.</i>
12.00	Development and application of mlva for genotyping of salmonella abortusequi <i>Kinoshita Y., Akiba M., Kuroda M., Sekizuka T., Niwa H., Katayama Y.</i>	Return on investment of diagnostics of tritrichomonas foetus in breeding bulls from the state of Chihuahua <i>Lastra C., González Rodríguez E., Ramírez Godínez J. A., Leal Tarín B. A., Ordoñez Baquera P. L., Álvarez García J. A., Santellano E., Esparza Vela M. E., Baxter J., Leyva-Baca I.</i>
12.00	Molecular epidemiology of mycobacterium avium subspecies paratuberculosis among domestic and wild ruminants in Austria <i>Sodoma E., Altmann M., Mitterhuemer S., Duenser M.</i>	Development and validation of tuberculosis real time pcr kit <i>Pautet E., Moine S., Schröder B., Räber A.</i>
12.30	Lunch and & Exhibition/Poster viewing	
14.00	Oral Presentations Standardization and validation of diagnostic tools, ring trials, robotisation	Oral Presentations Detection, management and contro of new and emerging diseases
14.15	Paraoxonase-1 (pon1) in bottlenose dolphins (<i>tursiops truncatus</i>): serum activity and genetic polymorphisms <i>Bonsembiante F., Beffagna G., Gili C., Rossi G., Giordano A., Paltrinieri S., Gelain M.E.</i>	A highly sensitive, specific and rapid celisa using a novel conserved 3b epitope for the serological diagnosis of foot-and-mouth disease <i>Chung C.</i>
14.15	Development of indirect enzyme-linked immunosorbent assay for antibody detection against avibacterium paragallinarum <i>Hongprasertkul P., Wanasaewang W., Chansiripornchai N.</i>	Use of lateral flow device for safe and cost-effective shipment of fmdv suspected samples <i>Romey A., Relmy A., Gorna K., Laloy E., Zientara S., Blaise Boisseau S., Bakkali Kassimi L.</i>
14.30		

	Improved reliability of serological tools for the diagnosis of west Nile fever in horses in Europe Beck C., Lowenski S., Bahouon C., Zientara S., Lecollinet S.	Identification of a novel parvovirus related to primate bufaviruses and associated with cird in dogs Lanave G., Bánya K., Pietrantonio F.I., Cavalli A., Camero M., Di Martino B., Decaro N., Buonavoglia C., Martella V.
14.30		
14.45		
14.45	Optimization of a rapid real-time prrsv rt-pcr assay Harmon K., Smith K., Bade S., Gauger P., Zhang J.	Feline morbillivirus infection in domestic cats in italy: epidemiological and pathological aspects Lorusso A., De Luca E., Crisi P.E., Febo E., Di Tommaso M., Malatesta D., Zaccaria G., Marcacci M., Di Francesco G., Di Domenico M., Mangone I., Di Teodoro G., Teodori L., Ruggieri E., Leone A., Giovannini A., Di Guardo G., Savini G., Boari A.
15.00		
15.00	Adoption and validation of real-time rt-pcr protocols for sub-typing European swine influenza viruses in the United Kingdom Reid S., Russell C., Cooper J., Coward V., Everett H., Williamson S., Brookes S.M., Brown I.H.	A novel reassortant bluetongue virus serotype 3 strain in Tunisia, November 2016 Lorusso A., Sghaier S., Portanti O., Marcacci M., Orsini M., Elias M., Hammami S., Petrini A., Savini G.
15.15		
15.15	Rolling circle amplification based molecular detection of Newcastle disease virus: integration towards microfluidic enrichment and digital dna analysis Ciftci S., Hernandez-Neuta I., Hakverdyan M., Herthnek D., Madabooisi N., Nilsson M.	Re-emergence of bluetongue serotypes 4 and 8 in Corsica and in continental France in 2016: consequences for bluetongue diagnosis Zientara S., Bournez L., Bréard E., Viarouge C., Blanchard Y., Damien V., Attoui H., Sailleau C.
15.30		
15.30	Assessment of the sensitivity and the specificity of the civtest suis mhyo in swine serum samples from difrent geographical areas within the USA Coma E., Figueras A., Bech G., Garriga C., Christianson K., Pieters M., Rebordosa X.	Antibody responses of swine following infection with mycoplasma hyopneumoniae, m. hyorhinis, m. hyosynoviae and m. flocculare Ramirez A., Gomes Neto J.C., Strait E., Raymond M., Minion C.
15.45		
15.45	Validation of automated colorimetric in situ hybridization (cish) to assess kappa (k) and lambda (l) light chain mrna expression in canine formalin fixed paraffin embedded tissues Vascellari M., Melchiotti E., Carminato A., Zanardello C., Mutinelli F.	Klebsiella pneumoniae associated with septicaemia outbreaks in Australian neonatal pigs Collins A., Bowring B., Fahy A.
16.00		

	The effect of pooling 5 or 11 tracheal/oropharyngeal (tr/op) swabs on the performance of a usda licensed reverse transcriptase, real-time pcr (rrt-pcr) test for avian influenza virus Callahan J., Pabilonia K.	A novel multiplex field deployable molecular assay for vesicular diseases of pigs Rauh R., Howson E., Fowler V., Diel D., Christopher-Hennings J., Clement T., Nelson W.
16.00		
16.15		
16.15	Coffee break and & Exhibition/Poster viewing	
16.45		
16.45	Keynote Lecture The RAMAN spectroscopy and its veterinary application Fabrizio Giorgis, Politecnico of Turin (Italy)	
17.30		
18.20		
19.00	S.I.Di.L.V General Meeting (S.I.Di.L.V members only)	



FRIDAY JUNE 9 th		
9.00 10.30	Oral Presentations Wildlife and one health	 <p>WORLD ORGANISATION FOR ANIMAL HEALTH Protecting animals, preserving our future</p> <p>12th OIE SEMINAR Morning Session Antimicrobial resistance And rapid diagnostics</p>
9.00 9.15	Type c avian botulism in waterfowl of an urban park. Clinical observations, toxin typing and health measures <i>Badagliacca P., Sperandii A.F., Pomilio F., Di Provvidio A., Di Ventura M., Migliorati G., Morelli D.</i>	<p>OPENING Welcome and Opening Address, OIE Strategy on Antimicrobial Resistance and the need for new diagnostic tools <i>Elisabeth Erlacher-Vindel, OIE, Paris, France</i></p>
9.15 9.30	Viral infections in horses in Argentina (2013-2016) <i>Vissani M.A., Olguin Perglione C., Miño S., Micheloud J.M., Russo S., Tordoya S., Zabal O., Barrandeguy M.</i>	
9.30 9.45	Active and passive surveillance for viral infections in insectivorous bats in Italy reveal a wide variety of mammalian orthoreoviruses <i>Lelli D., Leopardi S., Prosperi A., Moreno A., Chiapponi C., Zecchin B., Priori P., Scaravelli D., Sozzi E., De Benedictis P., Lavazza A.</i>	
9.45 10.00	Interactions between European mosquito-borne flaviviruses and their avian hosts: lessons from experimental studies in avian models <i>Jimenez Clavero M. A., Llorente F., Perez-Ramirez E., Cano-Gómez C., Fernandez-Pinero J., Vázquez A., Soriguer R., Figuerola J., Sarasa M.</i>	<p>Rapid Diagnostic Technology for antimicrobial Resistance <i>Jaap Wagenaar, Utrecht University, Netherlands</i></p>

10.00 10.15	Complete and comparative genome investigation of dolphin morbillivirus (DMV) during host range expansion in Mediterranean fin whales (<i>balaenoptera physalus</i>) <i>Centelleghè C., Beffagna G., Franzo G., Di Guardo G., Mazzariol S.</i>	10.00 10.30	Validation of Rapid Diagnostic Tests for Antimicrobial Resistance <i>Sophie Granier, French Agency for Food, Environmental and Occupational Health & Safety (Anses) Fougères, France</i>
10.15 10.30	Survey for antibodies against equine piroplasmosis, equine infectious anemia and equine influenza in wild equids and rhinoceros from Kenya and Tanzania <i>Bolfa P., Kanyari P., Keyyu J., Issel C.</i>		
10.30 11.00	<i>Coffee break and & exhibition/Poster viewing</i>		
11.00 12.00	Manned Poster Session 1	11.00 12.45	12th OIE SEMINAR
12.00 12.45	<p>Keynote Lecture The future of toxicology in veterinary diagnostic laboratories <i>Cynthia Gaskill, University of Kentucky (USA)</i></p>	11.00 11.30	Rapid Diagnostic Tests for Antimicrobial Resistance: Comparability of Results and Interpretation of Data <i>Christopher Teale, Animal and Plant Health Agency, Weybridge, United Kingdom</i>
11.30 12.00		11.30 12.00	New Developments in Rapid Diagnostic Technology for Antimicrobial Resistance <i>Evangelyn Alocilja, Michigan State University, United States of America</i>
12.00 12.30		12.00 12.30	Experience Experience of Transitioning from using Phenotype to Genotype Sequencing (Whole Genome Sequencing) for Antimicrobial Resistance Surveillance <i>Muna Anjum, Animal and Plant Health Agency, Weybridge, United Kingdom</i>
12.30 12.45		12.30 12.45	General Discussion
12.45	<i>Lunch and & Exhibition/Poster viewing</i>	12.30 12.45	<i>Lunch and & Exhibition/Poster viewing</i>
14.15	13.00 Thermo Fisher 14.00 Scientific Symposium		

	Oral Presentations Control and management of endemic diseases	14.00 18.00	12th OIE SEMINAR Afternoon Session Implementing new biorisk standards		
14.15 16.15	A modified-indirect elisa based on spherical body protein 4 for detection of antibody to <i>babesia bovis</i> <i>Chung C., Suarez C., Hines S., Bandaranayaka-Mudiyanselage C., Bandaranayaka-Mudiyanselage C., Rzepka J., Heiniger T. J.[3], Chung G., Lee S., Adams E., Yun G.</i>	14.00 14.15	Introduction to Biorisk and the OIE Standard <i>Anthony Fooks, OIE Biological Standards Commission, Animal and Plant Health Agency, Weybridge, United Kingdom</i>	15.00 15.15	Serological discrimination of small ruminant lentiviruses: a complete tool for genotyping <i>Nogarol C., Bertolotti L., Klevar S., Profiti M., Gjerset B., Rosati S.</i>
14.15 14.30		14.15 14.45	Biorisk – Overview of the New OIE Terrestrial Manual Chapter <i>Sharon Hietala, University of California, Davis, United States of America</i>	15.15 15.30	Development and evaluation of an enzyme-linked immunosorbent assay (elisa) for the detection of bovine tuberculosis <i>Lausterer R., Hardegger R., Mossi P., Raeber A.J.</i>
14.30 14.45	Igg avidity as alternative indicator for discrimination between acute and past infections with west Nile virus in horses and toxoplasma gondii in cats <i>Renneker S., Mackiewicz M., Lattwein E.</i>	14.15 14.45		15.30 15.45	How the laboratory can support the poultry industry for the control and management of mycoplasma synoviae infection: two field cases in broiler breeders <i>Moronato M.L., Tonellato F.R., Boscarato M., Fincato A., Gobbo F.</i>
14.45 15.00	Diagnostic advances in ovine virulent footrot: from eyes to enzymes and back <i>Whittington R. J., Dhungyel O.P., McPherson A.S.</i>	14.45 15.00	Supporting Implementation of the OIE Biorisk Standard: New Laboratory Mapping Tool <i>Stuart Blacksell, MORU (Mahidol Oxford Research Unit), Bangkok, Thailand</i>	15.45 16.00	Infectious bronchitis virus infection in Ontario: an update on the changing strains over time <i>Ojkic D., Martin E., Brash M., Stalker M.</i>
				16.00 16.15	Sensitivity and specificity of multiple technologies for the detection of confirmed persistently bvdv infected cattle from a feed yard in south Texas <i>Peddireddi L., Hesse R., Hanzlicek G., Baxter J., Leyva-Baca I.</i>
				16.15 16.45	Coffee break and & exhibition/Poster viewing



16.45 17.45	Manned Poster Session 2	<u>16.45</u> <u>18.00</u>	12th OIE SEMINAR
		<u>16.45</u> <u>17.15</u>	Biorisk - African Experience <i>Mehdi El Harrak, MCI Santé Animale, Mohammedia, Morocco</i>
		<u>17.15</u> <u>17.45</u>	Biorisk - United States Perspective <i>David White, Animal and Plant Health Inspection Service, US Department of Agriculture, United States of America</i>
		<u>17.45</u> <u>18.00</u>	Final Conclusions
		20.00	Congress Dinner

SATURDAY JUNE 10th

<u>9.00</u> <u>9.45</u>	Keynote Lecture Cetaceans' Pathology <i>Antonio Fernandez, University of Las Palmas de Gran Canaria (Spain)</i>
<u>9.45</u> <u>10.15</u>	Oral Presentations Diagnostics applied to forensic veterinary medicine
<u>9.45</u> <u>10.00</u>	Five cases of fatal bromethalin intoxication in dogs and cats with minimal or no histologic central nervous system lesions <i>Romano M., Loynachan A., Bolin D., Kennedy L., Bryant U., Gaskill C.</i>
<u>10.00</u> <u>10.15</u>	Specific and sensitive detection of viable <i>M. Bovis</i> in clinical blood samples within 6 h using bacteriophage-rpa technology <i>Swift B., Convery T., Vuong Le V., Rees C.</i>
<u>10.15</u> <u>10.45</u>	Coffee break and & Exhibition/Poster viewing

<u>10.45</u> <u>12.00</u>	Oral Presentations Food safety, foodborne pathogens and food contaminants	Oral Presentations Detection, management and control of new and emerging diseases
<u>10.45</u> <u>11.00</u>	Occurrence and characterization of campylobacter spp. In poultry meat at retail in piedmont region, Italy: results of a-year surveillance <i>Traversa A., Galleggiante A., Bianchi D. M., Gallina S., Adriano D., Barbaro A., Chiavacci L., Alessiani A., Marotta F., Di Giannatale E., Decastelli L.</i>	Implementation of a multi-laboratory international collaboration environment <i>Biggers K., Kocmoud C., Wall J., Berquist M., Cochran M.</i>
<u>11.00</u> <u>11.15</u>	A severe transnational foodborne outbreak of infection by shigatoxin-producing <i>e. coli</i> o26 in a transnational community established in Italy, 2016 <i>Scavia G., Maugliani A., Chiani P., Michelacci V., Minelli F., Tozzoli R., Caprioli A., Bilei S., Bossù T., Marconi P., De Santis L., Materassi M., Peruzzi L., Luini M.V., Morabito S.</i>	Avian influenza and wild bird surveillance in the United States <i>Torchetti M., Killian M.L., Lee D., Swayne D., DeLiberto T., Ip H.</i>
<u>11.15</u> <u>11.30</u>	Prevalence of shiga toxin-producing escherichia coli in ready-to-eat food products in southern Italy in 2015-2016 <i>Nobili G., Franconieri I., Basanisi M.G., La Bella G., La Salandra G.</i>	Comparison of two commercially-available avian influenza type a antigen-capture immunoassay (acia) kits in detecting experimentally-infected h5 and h7 low pathogenicity avian influenza virus type a (lpaiv) infection <i>Domingo D., Cardona C., Tena Jezaniah K.</i>
<u>11.30</u> <u>11.45</u>	Salmonella serovar distribution from veterinary sources in Italy, results of twelve years of activities of the it-enter-vet network <i>Mancin M., Barco L., Losasso C., Belluco S., Cibin V., Ricci A.</i>	Validation of real-time pcr kits for specific detection of lumpy skin disease and distinction with vaccine strain <i>Pelletier C., Veyret A., Sellal E.</i>
<u>11.45</u> <u>12.00</u>	Qualitative assessment of norovirus contamination in bivalve molluscs farmed in Sardinia region: management of health risks in shellfish harvesting areas <i>Bazzardi R., Fattaccio M. C., Molotzu M. R., Canu A., Marongiu E., Pisanu M.</i>	Turkey feathers function as a non-invasive organ for turkey meningoencephalitis virus detection of field and vaccine viruses and differentiation between vaccine and wild-type viruses by the diva assay <i>Davidson I., Raibstein I., Natour A.</i>
<u>12.00</u> <u>12.30</u>	Closing ceremony	

Registration Fees ■ ■ ■

	Early Within March 30 th , 2017	Late Within April 30 th , 2017	ON site After April 30 th , 2017
DELEGATES	€ 512,40 (€ 420,00+22%vat)	€ 610,00 (€ 500,00+22%vat)	€ 695,40 (€ 570,00+22%vat)
SIDLIV Members	€ 439,20 (€ 360,00+22%vat)	€ 549,00 (€ 450,00+22%vat)	€ 634,40 (€ 520,00+22%vat)
STUDENTS	€ 268,40 (€ 220,00+22%vat)	€ 317,20 (€ 260,00+22%vat)	€ 390,40 (€ 320,00+22%vat)
Trade show staff	€ 183,00 (€ 150,00+22%vat)	€ 183,00 (€ 150,00+22%vat)	€ 219,60 (€ 180,00+22%vat)
Accompanying person	€ 50,00 (vat included)		
Congress Dinner (extra fee)	€ 80,00 (vat included) Conference Dinner extra fee and can be purchased separately through the registration form		

Information on Hotel Accommodation, Tours,
Social Events and Instructions for Oral and Poster
presentations are available on

www.wavld2017.org



The Congress Venue
Hilton Sorrento Palace
Via Sant'Antonio 13
80067 Sorrento (NA) - Italy
www.sorrentopalacehotel.it



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Società Italiana di Diagnostica di Laboratorio Veterinaria
The Italian Association of Veterinary Laboratory Diagnosticians
www.sidilv.org



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World Association of Veterinary Laboratory Diagnosticians
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Organizing Secretariat ■ ■ ■



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