



EAVLD 2024

7th Congress of the
European Association of Veterinary
Laboratory Diagnosticians

21st-23rd October 2024

ITALY - PADUA

SCIENTIFIC PROGRAMME



www.eavld.org



ITALY | PADUA

www.eavld2024.org



21st-23rd
October
2024

WELCOME LETTER

Dear Friends and Colleagues,

It is our great pleasure to invite you to the **7th European Congress of the European Association of Veterinary Laboratory Diagnosticians (EAVLD 2024)**, which will be held at the new Congress Center in Padua (Italy) on October 21–23, 2024.

The EAVLD 2024 will bring together a European audience of veterinary laboratory diagnosticians working in all disciplines across the full range of species, with the aim of providing a platform for communication to share the best practices and research discoveries for the future development of veterinary diagnostics.

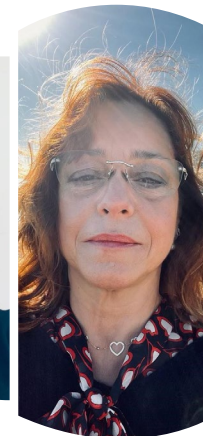
The Programme will feature lectures, oral communications, posters and debates; in addition, panel discussions will bring together a group of experts that will offer diverse perspectives and encourage audience interaction to share knowledge and experiences. It is a great opportunity to gain valuable insight and encourage future networking opportunities.

The Congress will be held in a unique, contemporary and flexible space, an architectural gem that joins design, functionality and technology, where also sponsored exhibitions will take place. Padua is a welcoming city, rich in places of art (the University Museum, the world's first botanic garden and anatomy theatre) and artistic beauty (the Scrovegni Chapel with frescoes painted by Giotto). The city is the perfect venue for meetings and events and is easily accessible by car, train and plane. Venice, Verona and Lake Garda are within easy reach.

We truly hope you will join us, finally to be all together at EAVLD 2024 for a new and stimulating experience in the world of Laboratory Diagnosticians, where the future of Animal Health, Food Safety, Animal Welfare, Epidemiology, AMR, Genomics, Zoonosis and Vector Borne Diseases will be the core of discussions, and promoting friendship and collaboration among European scientists.

Looking forward to meeting you in Padua.

*Marialaura
Corrente,
EAVLD
President*



*Loredana Baldi,
Congress President*

*Antonia Ricci,
Istituto Zooprofilattico Sperimentale
delle Venezie Director*



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Loredana Baldi

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István Kiss
Marzia Pezzolato

KEYNOTE SPEAKERS



Giorgia Angeloni
President of Vétérinaires
Sans Frontières International;
Vicepresident of Veterinari
Senza Frontiere Italia,
Researcher at Research and
International Cooperation
Unit of IZSve



Bernardino Fantini
Honorary Professor of the
History of Medicine and
Health, Geneva Medical
School, University of Geneva



Masatoshi Funabashi
Research Director and
Senior Researcher at
Sony Computer Science
Laboratories, Inc. Tokyo,
Japan



Polychronis Kostoulas
Associate Professor of
Epidemiology, Head,
Laboratory of Epidemiology
& Artificial Intelligence
Faculty of Public & One
Health, University of
Thessaly, Greece



Isabella Monne
WOAH/EU and National
Reference Laboratory for
avian influenza & Newcastle
disease
FAO Reference Centre
for animal influenza and
Newcastle disease
Istituto Zooprofilattico
Sperimentale delle Venezie,
Legnaro (PD) ITALY



Antonio Martinez-Murcia
Professor of Microbiology at
Miguel Hernández University,
Alicante and genetic PCR
solutions



Beatriz Romero Martínez
Director of the EU-RL for bovine
tuberculosis and expert on
mammalian TB by the WOA. H.
VISAVET Health Surveillance
Centre, Complutense University
of Madrid
Assistant professor. Animal
Health Department, Veterinary
Faculty, Complutense University
of Madrid



Dorina Timofte
Professor of Veterinary
Clinical Microbiology
School of Veterinary Science
Institute of Infection,
Veterinary and Ecological
Sciences (IVES),
University of Liverpool, UK

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PROGRAMME



PROGRAMME

21st monday
OCTOBER

	MANTEGNA AUDITORIUM	PETRARCA ROOM
8.00 - 8.45	Registration	
8.45 - 9.15	Opening Ceremony A. Ricci, L. Bargelloni, M. Drigo, M. Corrente, L. Baldi	
9.15 - 9.45	Keynote Lecture <i>Chair: A. Ricci</i> The Many Histories of One Health and the Shift of Animal Welfare from Tool to Aim Bernardino Fantini	
9.45 - 11.15	Session 1 Epidemiology - Zoonoses <i>Chairs: A. Parisi, E. Bozzetta</i> Business Intelligence Tools to Enhance Antimicrobial Stewardship: The Role of Diagnostic Laboratories in Producing Useful and Comparable Data S. Catania African Swine Fever in wild boars: evaluation of the speed of advancement of the infection front in areas with different ecological features of the province of Pavia V. Cappa Comparing apples to oranges: Using social research to harmonize veterinary clinic diagnostic practices M. Zago A Bayesian approach to inter-laboratory diagnostic test evaluation for serological assays V. Ahlberg Genetic diversity of Shiga toxin-producing Escherichia coli from free-ranging red deer S. Lauzi	Session 2 New Diagnostic Technologies <i>Chairs: G. Angeloni, A. Martinez-Murcia</i> Could Calliphoridae serve as a possible bovine viral diarrhea virus (BVDV) mechanical vector and reservoir? Preliminary results of an insect competence study F. Crescenti Simultaneous Detection of Antigen and Antibodies of African Swine Fever in a Novel Combo Lateral Flow Assay C. Galán Creating a Dataset and Enhancing Bovine Herpesvirus 1 CPE Detection through Artificial Intelligence Z. Akkutay-Yoldar Multi-platform investigation of Bovine Respiratory Disease-related microbial communities among Southern Italy farms and slaughterhouses S. Castellana TB or not TB – that's the question/ improved intra-vitam diagnostics in a bovine Tb outbreak herd C. Schroeder

	MANTEGNA AUDITORIUM	PETRARCA ROOM
	First detection of Leptospira interrogans serovar Canicola in Caracal caracal: a threat to zoo animals and workers? G. Sgroi	Improving the ante-mortem diagnosis of caprine tuberculosis through the use of specific antigens for in vitro diagnostic platforms C. Velasco Reinaldos
11.15 - 11.45	Coffee Break and Poster Session	
11.45 - 12.15	Keynote Lecture <i>Chair: A. Ricci</i> High Pathogenicity Avian Influenza (HPAI): expect the unexpected Isabella Monne	
12.15 - 13.15	Early Career Researcher - Session 1 <i>Chairs: G. Meroni, M. Pirolò</i> Epidemiology of antimicrobial resistance in the monophasic variant of Salmonella Typhimurium P. Carrizo Coronad Poultry Supply Chain Impact on Campylobacteriosis Surveillance in Italy Over One Year R. Di Romualdo Subclinical mastitis in Lacaune and crossbreed sheep from farms in central Greece. Etiologic agents, effect on milk characteristics, and evaluation of infrared thermography as a diagnostic tool M. Lysitsas Circular economy and antimicrobial resistance: assessment of the impact on the agri-food systems G. Barbieri Salmonella proficiency tests, the experience of the Italian National Reference Laboratory G. Cento	
13.15 - 14.15	Lunch and Poster Session	

14.15 - 15.15 **Early Career Researcher - Session 2**
Chairs: A. Salvaggiulo, F. Zendri
 Predicting Lung Viral Load in Vaccinated Pigs Exposed to Influenza A Virus using cytokine expression analysis of whole blood stimulation
G. Fantoni
 Evaluation of five ELISA kits for the serological diagnostics of Enzootic Bovine Leukosis
Z. Zurovac Sapundžić
 Advancing ASF Diagnosis: Insights from non-HAD Genotype II African Swine Fever Viruses in the EU (2017-2022)
N. Casado
 Evaluation of alternative samples and protocols for serological monitoring of avian influenza vaccination in duck flocks
M. Walch
 Acute Infection Dynamics of Domestic Cat Hepadnavirus (DCH)
F. Pellegrini

15.15 - 16.45 **Session 3 Animal Health**
Chairs: D. Galante, J. Sawyer
 Field comparison of ASFV target tissues and non-invasive samples in wild boars during the genotype II Italian epidemic
S. Zoppi
 Identification and characterization of protoparvovirus carnivoran1 strains circulating in iberian lynxes (*Lynx pardinus*)
G. Diakoudi
 A multidisciplinary approach to characterize a *Salmonella enterica* serovar Enteritidis unusual outbreak in fenced Iberian ibex (*Capra pyrenaica*)
M. Perez-Sancho
 Evaluation of in vitro antiviral activity of fungal secondary metabolites against bovine coronavirus
P. Capozza
 Prevalence of *Mycoplasma equigenitalium* in Martina Franca (Italy) and Andalusian (Spain) donkey populations
M.S.M. Yusuf

16.45 - 17.15 **Keynote Lecture**
Chair: M. Corrente
 Phylogenetic diversity and current taxonomy of the genus *Mycobacterium*: consequences for the diagnosis of tuberculosis
Antonio Martinez-Murcia

17.30 - 18.30 Welcome Cocktail

9.00 - 9.30 **Keynote Lecture**
Chair: N. Decaro
 Challenges and new initiatives in veterinary clinical microbiology
Dorina Timofte

9.30 - 11.00 **Session 4 Food Safety - Genomics**
Chairs: L. Barco, V. Michelacci
 Identification of food adulteration by the examination of species-specific DNA in commercial meat products, by multiplex real-time PCR
D. Johnston
 MALDI-TOF and Machine Learning: preliminary results of *Campylobacter jejuni* sub-typing
V. Indio
 First report of stx2k-producing *E. coli* strains from food in Europe, 2015
G. Nobili
 Bacterial communities in a fish-farm under intensive production conditions
S. Reale
 LeishGenApp and LeishGenR, two novel diagnosis platforms to detect CNVs as drug-resistance biomarkers in *Leishmania infantum* from cultures and clinical samples
M. Carrasco-Martin
 Deciphering the evolution of the Arctic-like lineage of Canine Distemper Virus
Z. Lanszki

11.00 - 11.30 Coffee Break and Poster Session

11.30 - 12.00 **Keynote Lecture**
Chair: V. Ahlberg
 Latent Class Models: Validation of Diagnostics without a Reference Test
Polychronis Kostoulas

	MANTEGNA AUDITORIUM	PETRARCA ROOM
12.00 - 13.00	Company Symposium BIOMERIEUX bioMérieux Molecular innovative approach for food testing application J.P. Tourniaire	Company Symposium HOLOGIC Cross-cutting Technology: a supporting answer to the One-Health Paradigm E. Ciarrocchi, R. Irelli, P. Bottino

MANTEGNA AUDITORIUM

13.00 - 14.00 Lunch and Poster Session

14.00 - 14.30 **Keynote Lecture**

Chair: L. Baldi

One Health, many lives: practical implementation cases in the Global South

Giorgia Angeloni

Company Symposium IDEXX

14.30 - 15.30 **Paratuberculosis Testing and Practical Approach**

E. Stellbrink, N. Taylor

15.30 - 16.00 Coffee Break and Poster Session

16.00 - 17.30 **Session 5 Miscellaneous**

Chairs: H. Graham, N. Pozzato

A case of acute intoxication by the ornamental plant *Pieris japonica* in a goat farm: toxicological screening by direct introduction high resolution mass spectrometry (DART-HRMS) in a diagnostic setting

A. Leone

A field trial characterization of wild boar post-mortem interval to support African Swine Fever detection

G. Assirelli

Coxiella burnetii-specific IFN γ and antibody responses to naturally-acquired infection in dairy cows

L. O'Shannessy

Electrochemotherapy for Feline Squamous Cell Carcinoma treatment: Novel insights into immune response

F. Dell'Anno

Circulating microRNA: biomarkers for early diagnosis of bovine Paratuberculosis

P. Mazzone

VKORC1 mutations in rodents from Emilia-Romagna, Northern Italy

A. Reggiani

MANTEGNA AUDITORIUM

PETRARCA ROOM

17.30 - 18.15 EAVLD General Meeting

SIDiLV General Meeting

19.30 Congress Dinner

23rd wednesday
OCTOBER

MANTEGNA AUDITORIUM

9.00 - 9.30 **Keynote Lecture**

Chair: B. Boniotti

Diagnostic limitations in controlling the recurrence of bovine tuberculosis in European countries

Beatriz Romero Martínez

09.30 - 10.45 **Session 6 Animal Health - Antimicrobial Resistance**

Chairs: G. Elia, M. Pezzolato

African swine fever: current epidemiological situation in Europe and in Italy

F. Feliziani

Brucella suis outbreak in an Austrian pig farm - Tracing potential spill-over from wildlife using Whole Genome Sequencing

M. Gonano

Gastrointestinal nematodes in cattle and sheep farms of the Campania region: evaluation of anthelmintic resistance

L. Baldi

Molecular identification of trichophyton indotineae strains isolated in Italy and evaluation of terbinafine resistance or susceptibility

D. Cruciani

A Novel Arterivirus in Fatal Encephalitis of European Hedgehogs in England

N. Inglese

A multicentric European epidemiological study for Feline Circovirus 1 in domestic cats

A. Salvaggiulo

Company Symposium INDICAL

10.45 - 11.00 **Enabling rapid responses: Streamlined molecular workflows for outbreak situations**

L. Murphy

11.00 - 11.30 **Keynote Lecture**

Chair: L. Baldi

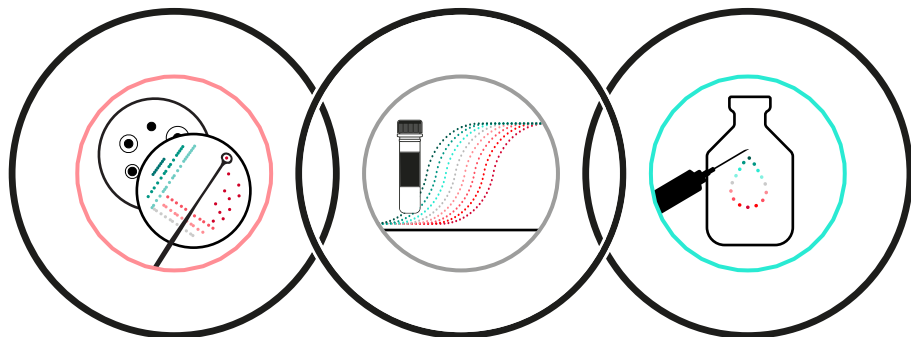
From One Health to Planetary Health: towards an ecosystem-based approach to food production and public health with Synecoculture

Masatoshi Funabashi

11.30 - 12.00 Coffee Break and Poster Session

12.00 - 12.50 Highlight - Awards Ceremony - Closing Ceremony

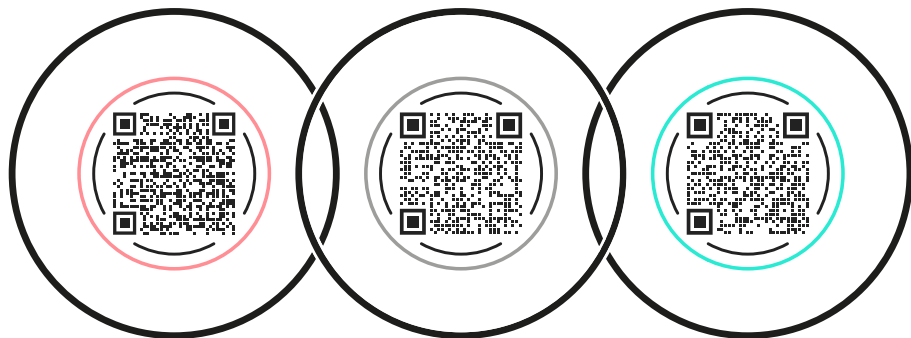
15.00 Optional Tour



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SOCIAL PROGRAMME

CONGRESS DINNER

Tuesday 22nd October 2024 – 19.30

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Accompanying Person

€ 85,00 vat included

**this service is available for purchase during registration*

Caffè Pedrocchi, a historic symbol of Padua.

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Caffè Pedrocchi, a symbol and icon of the city, is an unmissable tourist destination for anyone visiting Padua.

POST CONGRESS TOUR

Wednesday 23rd October 2024 – 15.00 (visit lasts 45 minutes)

A visit to PALAZZO BO

€ 10,00 vat included

**this service is available for purchase during registration*

“Allowing that the honour of being home to the scientific revolution might be said to belong to one single place, that place is Padua.”

– (H.Butterfield, Harvard University, 1958)

The visit includes: Palazzo Bo, The Old Court And The Heraldic Crests, The Great Hall, The Sala Dei Quaranta, Galileo's Rostrum, The Medice Hall.

The tour will start directly from Palazzo Bo.



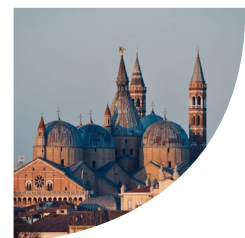
REGISTRATION FEES

All delegates must register for the congress.
Registration fees are as follows

	EARLY BIRD REGISTRATION (until August 30 th)	REGULAR REGISTRATION (between Aug31 st - Oct 11 th)	ONSITE REGISTRATION at the registration desk
EAVLD/SIDiLV Member	€ 420,00	€ 490,00	€ 520,00
ECVM/ESGM Member	€ 430,00	€ 500,00	€ 530,00
Non member	€ 480,00	€ 550,00	€ 580,00
PhD Student	€ 330,00	€ 380,00	€ 410,00
Degree Student	€ 280,00	€ 280,00	€ 280,00

VAT 22% included

*Members are required to submit their membership ID during the registration process. Students are required to submit their Student ID during the registration process.



PERSONAL INVITATION FOR VISA PURPOSES

To facilitate congress attendance a personal invitation can be sent on request. This invitation does not exempt the recipient from registering and paying the proper congress fee. Please inform the congress secretariat if you need a personal invitation letter. Registration fees and charges for all events related to the EAVLD Congress 2024 must be paid in euros.

INVOICING

When filling out the online registration form we strongly recommend to pay particular attention to the Invoicing page.

Before registering, carefully check who the invoice shall be headed to and make sure you have all relevant information:

- header
- address
- VAT code
- fiscal code (for Italians only)
- PO number (if required)

Make sure the invoice details you are going to indicate are the correct ones. In case of requests for data corrections and/or invoice re-issuing due to wrong data submission, the Organizing Secretariat will apply a fee of € 50,00 for each new document re-issued, which shall be paid in advance.

REMITTANCE

Registration fees shall be paid by credit card or bank transfer through the available on-line system.

When paying by bank transfer, a copy of the transfer receipt must be sent to federica.donzelli@vetinternational.eu

Registrations without proof of payment will not be accepted.

The organising secretariat will send registration confirmation upon receipt of payment by e-mail.

Please be sure your e-mail address is filled in correctly.

CANCELLATION AND REFUND

Cancellations must be sent to federica.donzelli@vetinternational.eu.

The amount equal to 50% of the fee paid will be refunded for cancellations received by 30th August 2024.

After that date no refunds will be issued.

All refunds will be paid in euros after the congress.

CANCELLATION OF THE CONGRESS

The congress secretariat reserves the right to cancel the congress, shift venue or change dates without notice in case of "force majeure". Neither VET International nor the Congress Organising Committee shall be liable for any damage claims.

LIABILITY AND INSURANCE

Registration fees do not include the insurance of participants against personal accidents, sickness and cancellations by any party, theft, loss or damage to personal possessions. Participants are advised to take out adequate personal insurance to cover travel, accommodation, cancellation and personal effects.

ABSTRACT

Congress delegates are cordially invited to submit abstracts of their scientific work for presentation as a free communication at EAVLD 2024.

A limited number of abstracts will be selected for oral presentation during congress symposia.

Following the evaluation process, abstracts that are not selected as oral by the EAVLD 2024 Scientific Committee may be presented as posters.

Confirmation of receipt

Receipt of the abstract will be acknowledged by e-mail immediately after submission.

Notification of acceptance or rejection

Authors will be notified of acceptance or rejection.

Registration

The presenting author of each abstract must register for the congress [by the Early Bird Registration \(Until August 30th\)](#)

General requirements

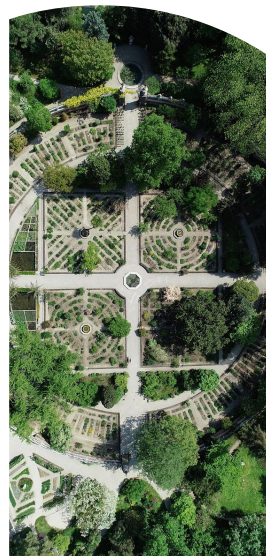
The text must be clear, concise, and written in proper English.

The content must not have been previously published in academic journals or subject to peer review.

Each presenting author can present maximum 1 abstract.

TOPICS

- Animal health
- Animal welfare
- Antimicrobial resistance / Susceptibility testing
- Biosecurity in animal health
- Emerging and re-emerging diseases
- Epidemiology / Risk analysis and communication
- Exotic diseases in developed countries
- Food Safety
- Forensic diagnostics
- Genomics
- Immunology and vaccines
- Laboratory animals
- New Diagnostic Testing Technologies
- Proficiency Testing – participant and organizer perspective
- Zoonoses / Vector borne diseases
- Miscellaneous



Animal &
Plant Health
Agency



The Animal and Plant Health Agency (APHA) is part of the UK Government

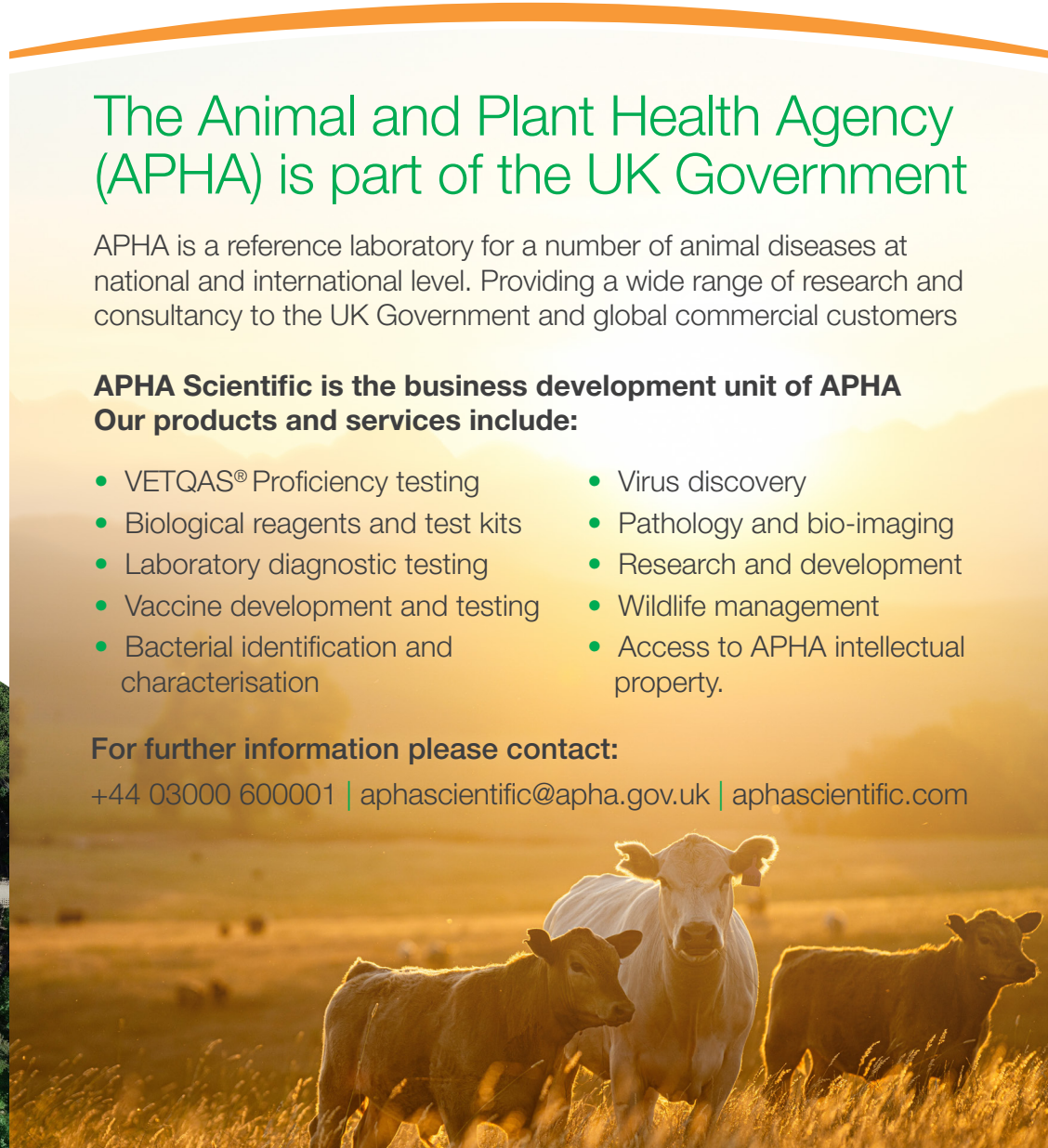
APHA is a reference laboratory for a number of animal diseases at national and international level. Providing a wide range of research and consultancy to the UK Government and global commercial customers

APHA Scientific is the business development unit of APHA Our products and services include:

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For further information please contact:

+44 03000 600001 | aphascientific@apha.gov.uk | aphascientific.com



GENERAL INFORMATION

REGISTRATION DESK

The registration desk will be located at the entrance and it will be open at the following times:

Monday, 21st October 2024, 8.00 - 17.30

Tuesday, 22nd October 2024, 8.30 - 18.30

Wednesday, 23rd October 2024, 8.30 - 13.00

CONFERENCE LANGUAGE

The official language of the conference is English.
Simultaneous translation is not provided.

NAME BADGE

A name badge will be required to access to the conference area.
Participants will receive a name tag when they check in at the registration desk.
Delegates and exhibitors must display the official badge at all time.

WIFI

The WiFi access is free for all attendees and accessible in all the Venue areas during conference days.

CERTIFICATE OF ATTENDANCE

A certificate of attendance will be issued to properly registered attendees.
Certificates of attendance will be sent by email after the conference.

CLOAKROOM

The cloakroom is provided.

PHOTO

We inform you that during the event photos will be taken.
We kindly ask those who do not want to be photographed to inform the organizing secretariat.

HOTEL ACCOMODATION

Agreements have been made with different hotels.
Special rates have been reserved for EAVLD2024 delegates.
Reservations can be made online, please visit the 'Hotel Accommodation' page on the Congress web site.

A unique, contemporary and flexible space.
An architectural gem that joins design, functionality and technology. An internationally oriented venue that can host events for up to 3,334 people. Just a few steps from the vibrant historic center of Padua, steeped in art and culture, and under 30 minutes from Venice, the new Padova Congress center – the largest in the Veneto – is the ideal destination for congresses, big events, corporate conventions, meetings, galas.

How to reach

BY TRAIN

Padua can be easily reached by train. It is 2 hours from Milan, an hour and a half from Bologna and only 20 minutes from Venice and Vicenza. The train station is about 500 meters from the congress center.

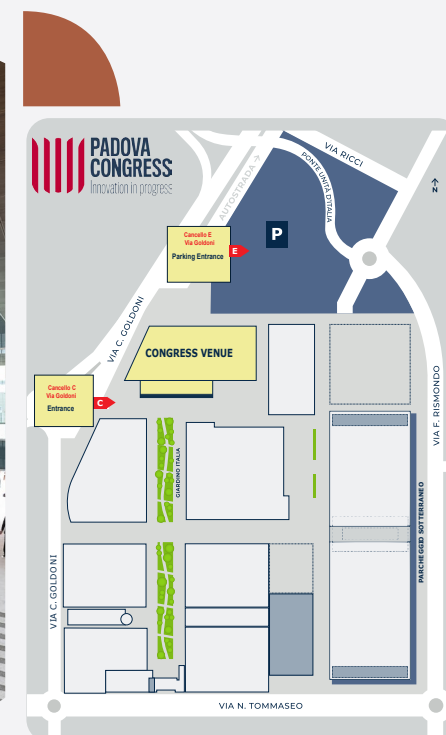
BY PLANE

The nearest airport is Marco Polo International Airport in Tessera, Venice, which can be reached in about half an hour by highway.

BY CAR

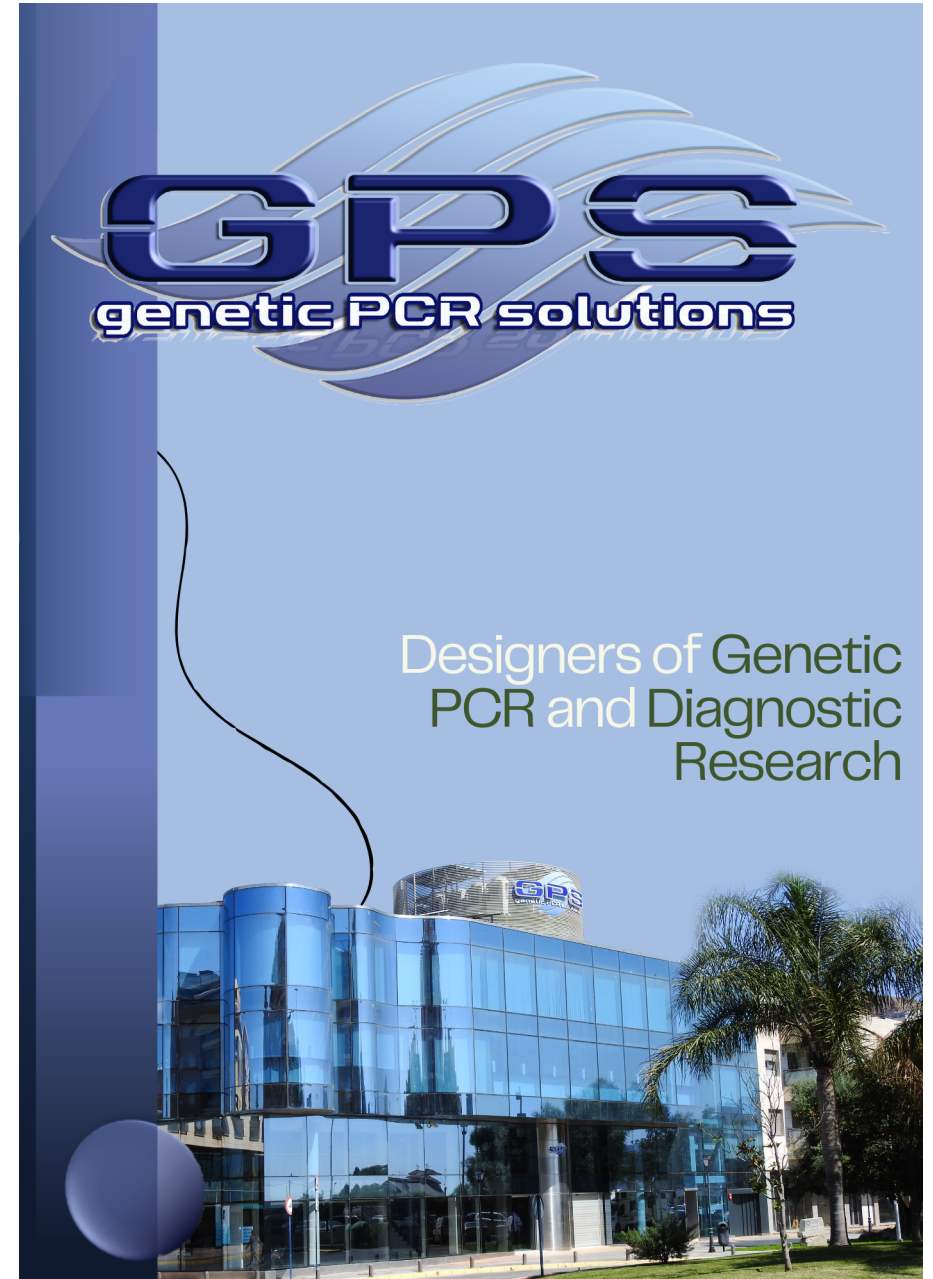
From the Milan-Venice (A4) highway, take the Padova Est exit then follow signs for the Fiera. From the Bologna-Padua (A13) highway, take the Padova Sud exit then follow signs for the Fiera. The Congress Center offers ample parking facilities: in addition to the 1,400 spaces available on the exhibition grounds, there are 800 external spaces.

CONFERENCE VENUE
**Padua
Congress Center**
Via N. Tommaseo 59
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EXHIBITON AREA

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ANIMAL HEALTH

P001

Enhancing Defense: The Role of Adjuvants in FMD Vaccination of Buffalo Calves

Q. Akram, M. Ahsan Naeem, M. Younas, M. Rizwan Saeed

P002

Comparison of diagnostic tools for calf diarrhea in flanders

L. Allais, E. Van Driessche, N. Botteldoorn, J. Schaep, T. Vanblaere

P003

Pathosense as a diagnostic tool to unravel PCV2 – porcine Parvovirus coinfections

L. Allais, C. Bonckaert, E. Van Driessche, N. Botteldoorn, J. Schaep, H. Nauwynck, S. Theuns, T. Vanblaere

P004

The molecular epidemiology of feline Parvovirus infections in cats

T. Fedai, C.U. Aslan, G. Acar, F. Dogan, S. Bilge Dagalp

P005

Survival at +4°C, +20°C and +37°C of Italian genotype I and II African Swine Fever strains

R. Biccheri, M. Pela, A. Felici, C. Maresca, F. Feliziani, M.S. Beato

P006

Typing of APEC isolates revealed an outbreak of broiler colibacillosis caused by ST23 O78:H4 in Finland

M. Biström, T. Lienemann, T. Pohjanvirta, P. Vennerström

P007

Application of Next Generation Sequencing (NGS) technologies for the identification and characterization of Apis mellifera microbiota in Italy

F. Bordin, A. Peruzzo, G. Zamperin, M. Bertola, E. Palumbo, A. Milani, M. Orsini, A. Fusaro, P. Mogliotti, M.P. Cerioli, G. Formato, L. Ricchiuti, A. Cerrone, P. Troiano, A. Salvaggio, A. Pintore, F. Mutinelli, A. Granato

P008

Whole Genome Sequencing and characterization of Antibiotic Resistance Genes in Brucella strains isolated from Water Buffalo in Southern Italy during 2019 - 2021: a preliminary study

M.G. Riccardi, R. Paradiso, A. Rinaldi, B. Cecere, A. Cerrone, F. Bove, G. Fusco, G. Borriello

P009**Prevalence of *Streptococcus equi* subsp. *zooepidemicus* in Martina Franca and Andalusian donkey populations**

M. Burgio, G.G. Aiudi, M.S.M. Yusuf, J.V. Delgado Bermejo, C. Rivas López, A. Carbonari, M.S. Lucente, V. Landi, M. Corrente, M. Tempesta, G. Greco

P010**Development of a diagnostic pipeline for equine Papillomaviruses**

P. Capozza, A.A. Omar, F. Pellegrini, V.I. Vasinioti, A. Salvaggiulo, L. Occhiogrosso, G. Patruno, P. Pinto, G. Diakoudi, M. Camero, N. Decaro, A. Alberti, G. Lanave, V. Martella

P011**Isolation and characterization of Shiga toxin-producing *Escherichia coli* (STEC) in a piglet from Basilicata (Italy)**

M. Caruso, S. Castellana, L.M. Difato, G. Caldarola, A. Donatiello, A. Bianco, L. Capozzi, L. Del Sambro, V. Ianuzziello, A. Parisi, R. Fraccalvieri

P012**Atypical porcine Pestivirus in wild boar in central Italy: preliminary results**

C. Casciari, C. Iscaro, S. Pirani, E. Tinelli, E. Scoccia, C. Colabella, C. Maresca, A. De Giuseppe, M. Giammarioli

P013**Isolation of a potentially novel *Mycoplasma* species related to *M. bovirhinis* from dairy cattle in Northern Italy**

M. Gastaldelli, A. Tondo, B. Colò, M. Picchi, E. Rinaldi, V. Righetti, A. Barberio, K. Qualtieri, K. Sulyok, M. Gyuranecz, M. Merenda, S. Catania

P014**Transplacental transmission of *Theileria equi***

I. Ricci, A. Cersini, G.A. Marcario, R. Nardini, G. Manna, G. Brocherel, I. Congiu, S. Greco, C.A. Minniti, R. Conti, M.T. Scicluna

P015**Antimicrobial efficacy of Cinnamon Essential Oil against Enteropathogenic *Escherichia coli* (EPEC) from rabbit**

E. Circella, G. Casalino, G. Bozzo, M. Schiavitto, A. Bove, D. Romito, V. Perna, F. D'Amico, A. Camarda

P016**Use of recombinant E2 APPV protein in enzyme immunoassay for seroprevalence studies: preliminary data**

C. Colabella, L. Anzalone, S. Pirani, E. Tinelli, M. Giammarioli, C. Iscaro, F. Feliziani, M. Cagiola, A. De Giuseppe

P017**Development of an indirect ELISA test for the detection of circulation of Equine Hepacivirus and Equine Parvovirus-hepatitis in Piedmont, Italy**

L. Brienza, R. Cardone, G. Memoli, I. Colasanto, G. Lanave, D. Avazato, S. Rosati, M. Bullone, G. Elia, B. Colitti

P018**Environmental exposure and pet animals: risk assessment through the study of effect biomarkers**

F. Corrado, A. Iannuzzi, R. Pistucci, L. Vassallo, M.C. Cuomo, D. Sansone, A. Siciliano, G. Rofrano, J.L. D'Auria, D. Cardinale, A. Gallo

P019**A post mortem laboratory approach for the evaluation of free-living cats health status in Padova province (preliminary data)**

E. Spagnolo, M.L. Moronato, R. Friso, P. Bassi, S. Varotto, A. Bortolini, A. Costa, M. Corrà

P020**A retrospective study on the prevalence of Toxin-producing *Escherichia coli* infection in cats and dogs in the Campania region**

G. De Luca, O. Valvini, N. Riccone, F. Del Piano, C. Auriemma, A. Gallo, F. Alfano, P. Izzo, G. Fusco, E. De Carlo, M.G. Lucibelli

P021**Occurrence and characterization of RHDVA strains in Italy over 10 years**

V. Di Giovanni, C. Bertasio, A. Lavazza, L. Capucci, P. Cavadini

P022**A case of *Erysipelothrix rhusiopathiae*-associated systemic infection in a Weimaraner dog**

S. Di Nola, A. Mazzei, C. Calzolari, I. Radu

P023**Two cases of Paraganglioma as necroscopic findings in dogs**

M. Dimatteo, M. D'Amore, M. Guida, G. Rosato, D. Izzillo, S.M. Casciaro, G. Fusco, E. De Carlo, B. Degli Uberti

P024**The occurrence of positive PCR and negative ELISA samples (PPNEs) when testing for Bovine Viral Diarrhea Virus (BVDV) in a compulsory eradication programme**

A. Donaghy, E. Holmes, J. Leigh, C. Brown, S. Leinster, A. Jeffers, J. Clarke, J. Mcconville

P025**Bovine tuberculosis outbreak caused by *Mycobacterium caprae*: a “from farm to web” diagnostic case report**

V. D'Ascenzo, D. Pintus, T. Piseddu, M.B. Boniotti, C. Bertasio, F. Balia, B. Mossa, S. Dore

P026**Digital PCR (dPCR) to quantify the load of *Mycobacterium avium* subsp. paratuberculosis (MAP) present in feces as a “tool” to define priorities of interventions in an infected cattle herd**

A. Filippi, C. Garbarino, G. Ventura, M. Gradassi, R. Frontoni, E. Tuccia, A. Giuliani, S. Russo, A. Luppi, M. Ricchi

P027**Design of a novel multiplex-RT-PCR assay for improved PRRSV diagnostics**

S. Hänsel, F. Priller, C. Stieler, H. Ziebarth, K. Valentine

P028**New chemokines as biomarkers for detection of Mycobacterium bovis infection in water buffalo (Bubalus bubalis): preliminary results on MIP-1 α and MIP-1 β**

G. Franzoni, A. Donniacuo, P. Mazzone, E. De Carlo, S. Dei Giudici, S. Zinellu, L. Schiavo, F. Signorelli, F. Napolitano, G. De Matteis, G. Galiero, J. Bezos, A. Martucciello

P029**Laboratory validation of Real-Time PCR assays for detection of African swine fever in faecal samples**

A. Fulmini, S. Mrabet, E. Tinelli, C. Casciari, M.S. Beato, F. Feliziani

P030**A survey of the reproductive lesions in captive female non-human primates in Italy**

V. Galiotta, C. Cocumelli, R. Parmigiani, E. Bovi, T. Palmerini, S. Antognetti, P. Di Cerbo, M. Aloisi, K.G. Friedrich, C. Eleni

P031**Biomonitoring study conducted on the population of pet animals resident in Campania**

A. Gallo, D. Cardinale, L. Vassallo, M. Cuomo, D. Sansone, A. Siciliano, G. Rofrano, J.L. D'Auria, D. Signorelli, F. Corrado

P032**Molecular differentiation of Streptococcus suis serotype 2, 1/2, 1 and 14 in strains isolated from pigs from 2019 to 2023 in northern Italy**

S. Faccini, L. Gintoli, M. D'Incau, E. Cursio, C. Rosignoli

P033**Development and standardization of a serological assay for bovine tuberculosis in water buffaloes using potential diagnostic antigens**

S. Giovannozzi, A. Martucciello, M. Domínguez Rodríguez, I. Moreno Iruela, M. Boifava, G. Parisio, N. Vitale, E. De Carlo, J. Bezos Garrido, E. Gormley, P. Mazzone, B. Romero, M.B. Boniotti

P034**Alterations in the biochemical profile of calves with diarrhea symptoms within the first 10 days of life**

G. Valli, V. Lorenzi, F. Fusi, M. Tempini, D. Vecchio, S. Bergagna, A. Barberio, L. Bertocchi, I. Archetti

P035**Detection of Salmonella enterica serotypes in dairy cattle farms in Northern Italy**

F. Parolini, G. Ventura, C. Rosignoli, S. Rota Nodari, M. D'Incau, L. Marocchi, G. Santucci, M. Boldini, M. Gradassi

P036**Investigating the role of Helcococcus ovis as pathogen in pneumonia in calves**

F. Grégoire, C. De Meeûs D'Argenteuil, P. Cuvelier, M. Garigliany, F. Smeets, T. Petitjean, Z. Blockx

P037**Study on of Neospora caninum detection using differentiated Elisa serology**

F. Gregoire, K. Lambert, K. Renier, L. Delooz, J. Evrard, P. Coppe, F. Bernard

P038**Enzootic bovine leukosis: update of Italian legislation to disease control**

C. Iscaro, R. Lomolino, D. Palma, L. Possenti, L. Ruocco, F. Feliziani

P039**Idiopathic immunomediated hemolytic anemia in a horse**

K. Satué, M. Velasco-Martínez, D. Lafauci, E. Fazio, P. Medica

P040**Assessment of glycemia, cholesterolemia and triglyceridemia as markers of insulin resistance in spanish purebred mares during lactation**

K. Satué, M. Velasco-Martínez, D. Lafauci, E. Fazio, P. Medica

P041**Complete genomic sequence of a Porcine respirovirus 1 (PRV1) isolated in Italy**

G. Leo, C. Bertasio, V. Carta, D. Lelli, C. Tolini, M. Carrera, T. Trogu, A. Moreno, A. Lavazza, E. Sozzi

P042**Canine Distemper Virus in wildlife, Italy (2022-2024)**

M.G. Lucibelli, N. D'Alessio, S. Rea, C. Auriemma, M.S. Lucente, F. Pellegrini, G. Diakoudi, E. De Carlo, N. Decaro, G. Lanave, V. Martella, G. Fusco, F. Alfano

P043**Occurrence of Aflatoxin B1 in feed commercialized in Sicily (Southern Italy)**

A. Macaluso, G. Cammilleri, A. Cicero, L. Pantano, P. Riolo, E.M.D. Messina, C. Alfano, M.B. Drussilla, F.G. Galluzzo, V. Ferrantelli, G.M. Lo Dico

P044**Fatal infection associated with Erysipelothrix sp. in three free-ranging bottlenose dolphins (Tursiops truncatus) stranded along the Tuscany coast of Italy**

M. Maestrini, C. Cocumelli, A. Franco, F. Bellagamba, E. Bovi, E.L. Diaconu, A. Ianzano, T. Palmerini, R. Parmigiani, F. Stravino, C. Mancusi, L. Marsili, G. Di Guardo, G. Terracciano

P045**Enhanced Arbovirus surveillance: two-year monitoring data from Piemonte, Liguria and Valle D'aosta (2022-2023)**

C. Nogarol, O. Portanti, E. Trabunella, S.M. Di Trani, V. Listorti, S. Robetto, I.N. Miceli, S. Brusadore, E. Ciarrocchi, R. Irelli, G. Savini, M.L. Mandola

P046**Prevalence study of *Brucella canis* in dogs residing in Umbria: the complexity of choosing appropriate diagnostic tests**

M.L. Marenzoni, S. Attura, B. Favi, M.T. Antognoni, M.B. Conti, A. Felici, C. Maresca, E. Scoccia, M.R. Bonci, A. Pistolesi, S. Zanghì, A. Confaloni, D. Marini, L. Sylla, F. De Massis, F. Sacchini, M. Tittarelli

P047**Leptospirosis in central-Italy: a retrospective contest analysis on domestic animals and humans in years 2018-2022**

S. Costarelli, S. Crotti, C. Panziera, V. Piscioneri, A. Fiorucci, E. Scoccia, C. Maresca, P. Cristini, M.L. Marenzoni

P048**A case of a fatal sepsis caused by *Actinobacillus equuli* infection in a 3 days old donkey foal**

L. Marino, D.A. Raele, E. Macolino, G. Siragusa, M.A.R. Ferrantino, M.L. Prencipe, L. Pace, V. Rondinone, A. Bianco, L. Addante, C. Trisolini, A. Petrella

P049**Biomarkers for detecting mycobacterial disease in cattle: a comparative study**

P. Mazzone, G. Franzoni, M. Torricelli, A. Fratto, A. Donniacuo, L. Schiavo, L. Petrucci, L. Madeo, S. Zinellu, S. Dei Giudici, E. De Carlo, G. Galiero, A. Martucciello

P050**Molecular markers modulation by effect of porcine epidemic Diarrhea Virus infection**

D. Masiuk, V. Nedzvetsky

P051**A case of food-borne Salmonellosis in a Corn Snake (*Pantherophis guttatus*) after a feeder mouse meal**

A. Meletiadis, A. Romano, B. Moroni, M.R. Di Nicola, V. Montemurro, M. Pitti, M. Pezzolato, E. Bozzetta, S. Sciuto, P.L. Acutis

P052**Preclinical diagnosis of classical Scrapie PrPSc in ARQ/ARQ experimental sheep**

D. Meloni, M.C. Cavarretta, A. D'Angelo, F. Ingravalle, G. Perrotta, E. Bozzetta, P. Acutis, M. Mazza, C. Corona, B. Iulini, S. Ravetta, L. Pite

P053**Introduction of a divergent canine Parvovirus type 2 strain in Sicily, southern Italy, through the Mediterranean sea route to Europe**

F. Mira, G. Schirò, D. Vicari, G. Franzo, G. Purpari, E. Giudice, M. Trapani, A. Carrozzo, G. Spene, V. Talarico, A. Guercio

P054**Detector dogs as a tool to mitigate risk of ASF introduction in Sardinia (Italy): preliminary results**

B. Mossa, P. Uras, G. Usai, P. Desini, N. Spissu, G. Campus, G. Bitti, S. Canu, F. Dettori, C. Pinna, A. Tempesta, E. Caione, M. Merlini, F. Sgarangella

P055**Infection by *Mycobacterium caprae* in a herd in Northern Sardinia (Italy)**

B. Mossa, S. Canu, N. Spissu, G. Campus, G. Bitti, M. Lasia, T. Piseddu, A. Satta, F. Balia, S. Dore, P. Desini, F. Sgarangella

P056**Serological cross-reactivity between Bovine gammaherpesvirus 4 (BoGHV-4) and Bovine alphaherpesvirus 1 (BoAHV-1) in virus-neutralization tests**

C. Righi, E. Scoccia, S. Mrabet, A. Martucciello, G. Cappelli, C. Casciari, C. Grassi, C. Pellegrini, E. De Carlo, G. Costantino, M. Maria Luisa, F. Feliziani, S. Petrini

P057**Investigation on the circulation of Coronaviruses in wild boars in Basilicata region**

C. Ortello, P. Lorenzo, A. Bianco, L. Palazzo, D. Raele, N. Cavaliere, A. Parisi, A.C. Romano, M. Toce, S. Castellana, A.M. D'Antuono, D. Galante

P058**Blood culture as a diagnostic method for pneumonia in dairy calves: a field investigation**

M. Ossola, S. Raineri, A. Gazzola, L. Filippone Pavesi, V. Ferrulli, A. Boccardo, D. Pravettoni, S. Catania, D. Prativiera, M. Cornaggia, C.F. Magistrali, A.M. Maisano

P059**The hunt for the one BSE positive sample in over 500.000 collected samples**

C. Overbeek, L. Van Keulen, M. Mozol

P060**Development of innovative diagnostic technologies to support field control activities of *Aethina tumida* (the Small Hive Beetle - SHB) in Italy, update 2023**

S. Ambrogio, P. Palermo, M. Garzi Cosentino, F. Allevalo, L. De Marco, V. Bonina, G. Federico, L. Barca

P061**Distribution of toxic and potentially toxic elements in albumen and yolk of sea turtle *Caretta caretta* eggs: analysis and correlation study**

A. Pepe, M. Esposito, F. Maffucci, R. Miniero, S. Hochscheid, P. Gallo, S. Canzanella

P062**Occurrence of *Salmonella enterica* subsp. *diarizonae* in Finnish sheep**

T. Pohjanvirta, T. Autio, S. Heinikainen, T. Pitkänen, H. Kuronen

P063**Diversity of bovine *Staphylococcus aureus* isolated from Alpine dairy farms in Austria**

M. Ehling-Schulz, T. Grunert, I. Loncaric, N. Ramezani, P. Mester, J.L. Khol

P064**Serological investigations of Non-Human Primates (NHP) major infections in captive NHP colonies**

I. Ricci, G. Barlozzari, F. Rosone, G. Pacchiarotti, C. Eleni, V. Galietta, G. Marafini, K.G. Friedrich, P. Di Cerbo, M. Aloisi, M. Scarpulla, M.T. Scicluna

P065**Concentrations of trace elements in striped dolphin (*S.coeruleoalba*) tissues from the Tyrrhenian and Ionian coastlines (Calabria, Italy)**

D. Ricupero, A. Priolo, G. Lucifora, P. Gallo, M. Esposito, E. De Carlo, L. Curcio

P066**Subclinical infection with *Anaplasma phagocytophilum* in lambs and implications for lamb performance**

M. Rocchi, A. Stephen, A. Hayward, M. Maley, H. Mcdougall, S. Brown, J. Duncan, F. Kenyon, G. Mitchell

P067***Vairimorpha ceranae* and *Vairimorpha apis* in bees (*Apis mellifera*), pollen and honey in southern Italy**

G. Sgroi, A. Mancusi, G. Rofrano, D. Signorelli, M.G. Lucibelli, M. Esposito, Y.T.R. Proroga, N. D'Alessio, A. Gallo, A. Siciliano, L.J. D'Auria

P068**Gained experience, challenges and lessons learned from a recent dog botulism outbreak in Italy**

C. Scalfaro, G. Cillo, L. Marino, A. Lanza, S. Taglieri, F. Anniballi

P069**Presentation of the German consiliary laboratory for *Corynebacterium pseudotuberculosis***

R. Sting, B. Polley, E. Hiller, L. Schneider-Bühl

P070**Prevalence of some respiratory viruses and evaluation of bacterial coinfections in swine from southern Italy**

M. Levante, F. Serra, N. Riccone, G. Desio, A.M. Pugliese, S. Brandi, F. Del Piano, A. Cacace, E. Di Lecce, G. De Luca, E. De Carlo, G. Fusco, M.G. Amoroso

P071**Recombinant N protein of Rift Valley Fever expression in Baculovirus system and its use in immunoenzymatic assay: preliminary data**

A. Serroni, G. Armillotta, C. Laguardia, S. Ullisse, M. Iorio, L. Testa, F. Parolini, S. Capista, S. Traini, S. Fanì, C. Palucci, G.F. Ronchi, M. Di Ventura, M.T. Mercante

P072**Complete genomic sequence of a Pestivirus N (Tunisian sheep-like pestivirus) isolated in Italy**

E. Sozzi, C. Chiapponi, G. Leo, L. Soliani, D. Lelli, C. Tolini, M. Carrera, T. Trogu, A. Moreno, M. Bazzucchi, A. Lavazza

P073**Use of DNA testing to assess traceability of kept animals**

N. Spissu, G. Campus, B. Mossa, S. Canu, G. Bitti, M. Lasia, A. Satta, G. Cavedagna, S. Bionda, G.B. Petretto

P074**Subclinical mastitis related to *Streptococcus canis* infection**

A. Sposato, L. Del Sambro, S. Castellana, L. Capozzi, A. Bianco, G. Schino, E. Catalano, A. Miccolupo, M. Galgano, C. Trisolini, D. Pugliese, A. Milano, L. Addante, L. Pace, L. Marino

P075**Evaluation of different markers of trained innate immunity induced by *Mycobacteria* in a porcine model**

T. García-Seco, I. Moreno, C. Herranz, A. Pérez-Domingo, A. Díez-Guerrier, A. Buendía, M.Á. Rialde, F. Cruz, M. Domínguez, L. Domínguez, M. Pérez-Sancho

P076**LAMP: new DNA/RNA amplification technology as a point of care tool to help diagnostic of *Coryza* in cats**

T. Thibault, L. Melo, L. Valot, A. Zocevic, M. Simonnet, W. Yakoub, D. Schieb, M. Gene, E. Schaeffer, C. Bettin, L. Thiery

P077**Survey on serological assessment of *Leishmania infantum* in cats in Campania and Calabria regions**

S. Cavallo, T. Toscano, R. D'Ambrosio, L. Barca, M. Garzi Cosentino, R. Brunetti, P. Palermo, F. Vitale, L. Spadari, V. Fogliamanzillo, L. Petruzzo, M. Ascierio, A. Pucciarelli, P. Serpe, L. Baldi

P078**LAMP: new DNA/RNA amplification technology as a point of care tool to help diagnostic of *Parvovirus* in cats and dogs**

L. Valot, A. Zocevic, L. Melo, T. Thibault, M. Simonnet, W. Yakoub, D. Schieb, M. Gene, C. Bettin, E. Schaeffer, L. Thiery

P079**Biomarkers of oxidative stress in cerebrospinal fluid in dogs with intervertebral disc herniation and idiopathic epilepsy**

M.G. Velasco-Martínez, A. Campos, Á.M. Hernández, D. Chicharro, A. Del Romero, L. Pardo, J.J. Cerón, K. Satué

P080

5 years of phylogenetic analysis of PRRSV-1 strains circulating in Italy

D. Vio, M. Ustulin, C. Zanon, L. Ferino, E. Floreani, C. Targhetta

P081

LAMP: new DNA/RNA amplification technology as a point of care tool to help diagnostic of tick diseases in dogs

A. Zocevic, L. Melo, T. Thibault, L. Valot, M. Simonnet, W. Yakoub, D. Schieb, M. Gene, E. Schaeffer, C. Bettin, L. Thiery

P259

Extended spectrum beta-lactamases and carbapenem resistance in environmental strains of *Klebsiella pneumoniae* identified in veterinary hospital

D. Dellamaria, S. Deotto, L. Viel, M. Corrà, M. Vedana, E. Spagnolo, A. Masiero, P. Danesi, K. Capello, A. Pinto, G. Capelli, M. Vascellari, M. Cocchi

ANIMAL WELFARE

P082

Hematological and biochemical profiles: an aid in welfare assessment

G. Tedde, M. Roccaro, G. Pilo, A. Peli, G. Carta, L. Secchi, A. Simula, G. Argiolas, M.C. Deiana, P. Nicolussi

ANTIMICROBIAL RESISTANCE - SUSCEPTIBILITY TESTING

P083

Role of the *C. coli*'s plasmids in the spread of the antimicrobial resistance (AMR)

P. Di Matteo, D. Smedile, M. Iurescia, A. Ianzano, E. Dell'Aira, G. Cordaro, E.L. Diaconu, A. Giacomi, R. Onorati, A. Caprioli, V. Carfora, A. Franco, A. Battisti, P. Alba

P084

Emerging resistance to florfenicol in *Actinobacillus pleuropneumoniae* isolates from Italian pig herds

E. Albini, F.R. Massacci, L. Cucco, G. Binucci, M.E. Nigro, M. Ustulin, P. Papa, M. Paniccia, D. Vio, M. Cinthi, S.N. Coccitto, E. Giovanetti, A. Brencciani, C.F. Magistrali

P085

Antimicrobial resistance trends in equine population of central Italy for *Streptococcus equi* subsp. *zooepidemicus*

A. Alessiani, M. Rulli, C. Pompili, F. Cito, A. Petrini

P086

Antimicrobial susceptibility testing of *P. multocida* in different approaches

L. Barta, T. Sattler, F. Schmoll

P087

Occurrence of antibiotic resistance genes in wild boars

R. Paradiso, A. Rinaldi, M.C. Cuomo, R. Scognamiglio, N. D'Alessio, M. Paone, G. De Luca, F. Del Piano, O. Valvini, G. Borriello

P088

Occurrence of Extended-spectrum β -lactamases and carbapenemase-producing Enterobacterales from surface water in the Apulia region

G. Nobili, A. Cocomazzi, M.G. Basanisi, G. La Bella, R. Coppola, A.M. Damato, A.M. D'Antuono, T. Scirocco, M. Muscarella, S. Lomagro, S. Summa, I. Franconieri, A. Stallone, M. Notarangelo, R. Petruzzelli, C. Pedarra, L. Dattoli, L. Serrecchia, V. Vetrutto, F. Arena, M. Iurescia, V. Bortolaia, G. La Salandra

P089

ESKAPE pathogens: survey in a catering company

A. Madio, A. Salvaggiolo, M.M. Dimuccio, G. Giustino, A. Cavalli, M. Corrente

P090

Standardized protocol for microbiological AMR monitoring in wastewater

F. Di Timoteo, T. Romualdi, R. Di Romualdo, K. Zilli, E. Felicioni, L. Di Marcantonio, G. Aprea, V. Acciari, G. Garofolo, A. Janowicz

P091

Carbapenem and colistin resistant *Shewanella* algae isolated from Loggerhead Sea Turtles (*Caretta caretta*) in an Italian region Apulia

L.M. Difato, A. Donatiello, A. Bianco, L. Marino, A. Petrella, S. Castellana, V. Rondinone, L. Del Sambro, V. Manzulli, D. Farina, B. Scalese, D. Galante, A. Parisi, M. Caruso, R. Fracalvieri

P092

Antimicrobial resistance and biofilm-forming ability of *Escherichia coli* and *Klebsiella* spp. isolated from urine samples in dogs

A. Facchin, J. Filipe, F. Tagliasacchi, G. Grilli, T. Vitiello, L. Musa, S. Lauzi

P093

Survey on antibiotic resistance of mastitis bacteria isolated from dairy sheep in Sardinia (Italy), 2023-2024

I. Fadda, D. Brundu, L. Pinna, F. Cauli, M.P. Firinu, S. Ghisu, B. Zulato, S. Dore

P094

Low prevalence of colistin resistance in *Escherichia coli* from Swiss livestock

C. Fleury, J.E. Fernandez, V. Perreten, O. Gudrun

P095

Enterococcus faecium VRE and *Staphylococcus aureus* MRSA from magpie (*Pica pica*) from Italian region Apulia

R. Fracalvieri, L.M. Difato, A. Donatiello, B. Scalese, G. Caldarola, L. Capozzi, S. Castellana, V. Rondinone, V. Manzulli, L. Pace, D. Galante, M. Tempesta, A. Parisi, M. Caruso

P096

Prevalence of methicillin resistance *Staphylococcus aureus* in slaughterhouses and meat shops of northern area of Pakistan

S. Khan, H.S. Siddique

P097

Pathogen and antibiotic resistance surveillance in swine farm slurry by nanopore metagenomics

J. Marti-Carreras, G. Melgarejo, M. Carrasco, M. Noguera-Julián, X. Roura, E. Mateu, O. Francino

P098

Enterococcus species as an antimicrobial resistance barometer in wildlife: preliminary results

E. Massella, S. Russo, S. Restori, C. Siclari, L. Cirasella, S. Perulli, R. Taddei, A. Luppi

P099

Wildlife as a reservoir of multidrug resistant Escherichia coli and Klebsiella spp. strains: an over 2-year monitoring in the Emilia Romagna region (Italy)

E. Massella, M. Sampieri, S. Bonardi, M. Conter, G. Galletti, L. Bardasi

P100

Extended-spectrum β -lactamase (ESBL) and Metallo β -lactamase (MBL) producing Pseudomonas aeruginosa strains isolated from canine otitis externa

F.P. Nocera, A. Chiaromonte, R. Schena, F. Pizzano, S. Arslan, E. Ipek, L. De Martino

P101

Occurrence of Enterococcus spp. resistant to vancomycin and linezolid in clams from the central Adriatic sea

L. Petrucci, A. Borgognoni, S. Pieralisi, E. Calandri, E. Albini, F.R. Massacci, F. Barchiesi, F. Leoni

P102

Using of surrogate Enterovirus 71 for the study of honeybee viruses inactivation

J. Prod lalová, R. Moutelíková, E. ukanová

P103

Prevalence of Extended-Spectrum β -Lactamases, AmpC- β -Lactamases, fluoroquinolones and carbapenems-resistance in bacteria isolated from wild European hedgehogs (Erinaceus europaeus) faecal samples in Northern Italy: preliminary results

M.C. Rapi, L. Musa, M. Penati, F. Santandrea, G.B.M. Bianchi, L. Filippone Pavesi, M.F. Addis, G. Grilli

P104

Antimicrobial susceptibility profiling of Streptococcus uberis isolated from a bovine mastitis in dairy farms in Apulia region

V. Rondinone, L. Addante, L. Capozzi, L. Serrecchia, V. Manzulli, D. Farina, P. Di Taranto, L. Marino, D. Cipolletta, L. Del Sambro, D. Galante, L. Pace

P105

Antimicrobial resistance of Salmonella enterica serovar choleraesuis isolated from pigs during outbreaks of septicemic form in herds of Northern Italy

C. Rosignoli, G. Santucci, S. Faccini, L. Gintoli, G. Ventura, M. Gradassi, L. Marocchi, M. D'Incau, M. Boldini

P106

Monitoring of vancomycin resistant Enterococci (VRE) in wild animals in Piacenza province, Italy

S. Russo, S. Restori, A. Di Cesare, T. Sbaffi, G. Borgomaneiro, L. Cirasella, C.A. Garbarino, R. Taddei, A. Luppi, E. Massella

P107

Antimicrobial susceptibility profiles of strains of Clostridium spp. isolated from different domestic and wild animal species

G. Schiro, A. Carrozzo, F. Mira, M. Vitale, M. La Giglia, D. Vicari

P108

Antimicrobial resistance and AMR genes occurrence in Streptococcus suis

M. Zouharova, K. Nedbalcova, J. Matiasovic, K. Matiaszkova, N. Kralova

P261

Methicillin-resistant staphylococci in the bulk tank milk of a livestock-dense area in northern Italy

S. Fusar Poli, C. Locatelli, V. Monistero, F. Santandrea, C. Lecchi, C. Allievi, L. Villa, P. Cremonesi, B. Castiglioni, A. Guaraglia, C.M. Longheu, S. Tola, M.T. Manfredi, M.F. Addis

BIOSECURITY IN ANIMAL HEALTH

P109

Overview of biosecurity measures in salmonid farms in the autonomous province of Trento (Northeastern Italy)

E. Franzago, M. Mazzucato, T. Dorotea, P. Mulatti, G. Marchetti, C. Casarotto, A. Fabris, N. Ferrè, A. Toffan, A. Marsella, A. Callegaro, D. Dellamaria, L. Bortolotti, G. Manca, M. Dalla Pozza

EMERGING AND RE-E MERGING DISEASES

P110

Glaesserella [Haemophilus] parasuis real-time PCR as a diagnostic method for Glässer's disease in pigs

L. Arais, S. Williamson, M. Horney, D. Loy, M. Kirchner

P111

Application of the droplet digital PCR (ddPCR) technology for the detection of SARS-CoV-2 in bivalve molluscs and environmental samples

M.G. Basanisi, G. La Bella, G. Nobili, R. Coppola, A.M. Damato, A.M. D'Antuono, T. Scirocco, G. Occhiochiuso, S. Faleo, P. Selicato, M.C. Nardella, S. Tola, L. Cilenti, E. Suffredini, G. La Salandra

P112

Historical malaria vectors in Southern Italy (Apulia and Basilicata regions): five years of entomological surveillance on residual anophelism, from 2017 to 2023

M.A. Cafiero, D.A. Raele, F. Severini, L. Toma, M. Menegon, D. Boccolini, E. Franco, P. Miccolis, V. Nola, P. Salerno, G. Francavilla, M.G. Cariglia, G. Tortorella, M. Di Luca

P113**In-depth study of Mammalian Orthoreovirus (MRV) in owned dogs and cats in the Veneto region: preliminary results**

M. Campalto, E. Mazzotta, L. Ceglie, L. Lucchese, P. Danesi, M. Berlanda, G. Barina, E. Baroni, G. Barbieri, A. Natale

P114**Non toxigenic *Corynebacterium ulcerans* identified in a dog**

M. Cocchi, G. De Zan, N. Genero, M. Monaco, G. Errico, S. Giancristofaro, M.C. Riva, F. Agnoletti

P115**A new pen-side test to confirm RVF clinical suspicions in the field**

L. Comtet, A. Limozin, F. Donnet, A. Pedarrieu, C. Cetre-Sossah, P. Pourquier

P116**Newly updated RT-qPCR for an efficient Bluetongue virus type 8 and 4 detection, including BTV-8 strains reported in France and Italy in 2023**

L. Comtet, L. Despois, A. Limozin, P. Pourquier

P117**A new RT-qPCR kit enabling a specific detection of Bluetongue virus serotype 3**

L. Comtet, L. Despois, A. Polat, A. Limozin, P. Pourquier

P118**Preliminary serological and molecular evidences of Influenza Virus in wild boars in southern Italy**

A.M. D'Antuono, N. Cavaliere, L. Palazzo, D. Galante, C. Ortello, F. Ferringo, A.C. Romano, M.T. Toce, G. Cascini, F. Stefania, D.A. Raele

P119**A new highly performant competitive ELISA for the detection of *Besnoitia besnoiti* antibodies in cattle**

A. Greatrex, L. Olagnon, L. Comtet, A. Limozin, P. Pourquier

P120**Identification of a novel human Parvovirus B19-like (Erythrovirus) in cats**

G. Lanave, F. Pellegrini, G. Diakoudi, C. Cristiana, A. Cavalli, P. Capozza, G. Elia, B. Di Martino, E. Zini, N. Decaro, M. Camero, V. Martella

P121**A retrospective study of the prevalence in equine postmortems of cranial mesenteric arteritis caused by *Strongylus vulgaris* in Alberta (2010 to 2022)**

K. Domshy, A. Whitehead, J. Poissant, D. Goldsmith, C. Legge, C. Knight, E. Zachar, S. Loch, J. Davies

P122**Genetic variability of Influenza A viruses in swine in Northern Italy**

A. Mescoli, A. Prosperi, L. Soliani, L. Baioni, I. Zanni, I. Calanchi, C. Torreggiani, A.M. Moreno Martin, L.G. Alborali, S. Faccini, C. Rosignoli, P. Bonilauri, G. Pupillo, L. Fiorentini, G. Tosi, A. Luppi, C. Chiapponi

P123**Evaluating diagnostic performance: inter-laboratory comparison tests (ILCT) for African Swine Fever (ASF) in the European Union and third countries from 2014 to 2024**

R. Nieto, A. Soler, C. Pérez, A. Simón, N. Casado, M. García, C. Gómez, M. Arias, C. Gallardo

P124**Prevalence and genetic diversity of Kobuvirus in cattle farms**

F. Pellegrini, F. Caringella, G. Diakoudi, B. Di Martino, M. Camero, G. Lanave, J. Matthijnsens, V. Martella

P125**High quality genetic sequencing as a key tool for pathogen surveillance. Porcine Respiratory and Reproductive Syndrome Virus (PRRSV) as an example**

A. Sánchez Santos, L. Valls Vila, J. Maldonado García

P126**Longitudinal study monitoring Swine Influenza circulation in two swine farms in Northern Italy and post-vaccination follow-up**

L. Soliani, A. Mescoli, L. Baioni, I. Zanni, A. De Mattia, A. Prosperi, C. Torreggiani, E. Pileri, G. Guadagnini, D. Ponzone, A. Luppi, C. Chiapponi

EPIDEMIOLOGY - RISK ANALYSIS AND COMMUNICATION**P127****Communicating food risks: the experience of the Italian Group of National Experts on Food Risk Communication**

B. Tiozzo Pezzoli, M.G. Falcone, L. Baldi, S. Bonati

P128**Machine Learning Models for source attribution of *Salmonella* strains isolated from humans**

A. Boscolo Anzoletti, M. Mancin

P129**Isolation times of *Brucella* spp. from samples collected from livestock and terrestrial wildlife**

M.R. Capone, D. Averaimo, D. Di Sabatino, A. Di Giuseppe, A. Alessiani, A. Petrini

P130**Testicular cancer and environmental pollution: a comparative onco-epidemiology study in Campania region**

E. Di Napoli, D. De Biase, B. Degli Uberti, M. Dimatteo, S. Cavallo, L. Baldi, G. Rosato, G. Piegari, S. Papparella, S. Rossetti, F. Bruzzese, A. Budillon, O. Paciello

P131**Integration between National Livestock Register and SIGLA (Istituto Zooprofilattico dell'Umbria e delle Marche - IZSUM - Laboratory Information Management System)**

L. Faccenda, M. Falcinelli, M. Capuccella, D. Francia, A. Mingolla, C. Olivieri, A. Paoloni, E. Rivosecchi, F. Scubla, S. Tonazzini, G. Scieri

P132**Low prevalence of Paenibacillus larvae in Apis mellifera in The Netherlands**

H. Graham, Y. Dijkstra, R. Ruuls, D. Valkenburg, H. Goossen, M. Counotte, D. Panziera

P133**An evidence-based framework for antibiotic resistance gene transfer in dairy farms**

F. Marzoli, J. Pinarelli Fazion, P. Antonelli, A. Dall'Occo, S. Belluco, C. Losasso

P134**Characterization of Streptococcus suis isolates collected from different animal species in the Czech Republic between 2018 and 2022**

J. Matiasovic, M. Zouharova, N. Kralova, K. Nedbalcova

P135**Automation of communications in Animal Health according to Legislative Decree n. 136/2022**

A. Mingolla, M. Falcinelli, D. Francia, C. Olivieri, A. Paoloni, E. Rivosecchi, G. Scieri, S. Tonazzini, A. Valiani, L. Faccenda

P136**Rotaviruses A, B and C detected on pig farms in the Czech Republic**

R. Moutelíková, J. Prod lalová

P137**How the laboratory can support swine practitioners in understanding the diffusion of Mycoplasma hyorhinis**

V. Righetti, G. Nai, A. Morales-Arce, E. Stefani, M. Gastaldelli, D. Prativiera, M. Bottazzari, I. Rossi, M. Merenda

P138**Environmental contamination in the animal veterinary facilities: relationship between good hygiene practices and mesophilic bacterial count of the surfaces**

A. Pinto, M. Corrà, M. Cocchi, L. Viel, D. Dellamaria, I. Drigo, L. Clapiz, P. Danesi, K. Capello, E. Spagnolo, G. Mascarello, C. Mantovani, S. Crovato, M. Zago, M. Vascellari

P139**Prevalence and genetic analysis of Bovine Herpesvirus 1 (BoHV-1) in a dairy cattle farm from Ankara, Türkiye**

S. Urak, F. Gar p, K. Dabur, Z. Akkutay-Yoldar

P140**Updates on bovine Tuberculosis in Italy**

M. Tamba, S. Salvato, G. Casadei, G. Galletti, A. Rosamilia, R. Lomolino

P141**A systematic review and meta-analysis on Campylobacter spp. prevalence in chicken in Italy**

A.A.K. Zarea, M.F. Iulietto, T. Mandel, P. Scaramozzino, R. Condoleo

P260**Variability of the sipA gene in Salmonella serovars isolated from swine: study of its correlation with virulence in humans**

M. Tambassi, M. Berni, C. Bracchi, I. Menozzi, A. Dodi, L. Mazzera, M. Morganti, E. Scaltriti, S. Pongolini

FOOD SAFETY**P142****Occurrence of potentially pathogenic Vibrio parahaemolyticus in blue crabs (Callinectes sapidus) from the northwestern Adriatic Sea**

S. Rubini, F. Barsi, B. Bertasi, E. Galuppini, L. Mangeri, S. Todeschi, F. Righi, A. Scarazzato, M. Sampieri, R. Taddei

P143**First detection of Noroviruses in blue crabs (Callinectes sapidus) collected in Adriatic sea (Italy)**

B. Bertasi, F. Righi, A. Scarazzato, E. Galuppini, L. Mangeri, F. Meletti, M.N. Losio, R. Taddei, G. Dell'Orfano, S. Rubini

P144**High Pressure Processing (HPP) treatment to kill Anisakis in fish fillet and Near Infrared spectroscopy to verify its appliance: preliminary data**

G. Esposito, E. Biasibetti, R. Provera, F. Pennisi, A. Brugiapaglia, M. Pezzolato, A. Greco, E. Bozzetta

P145**Determination of 2-Dodecylcyclobutanone in whole eggs for the identification of ionizing radiation treatment**

M. Campaniello, M. Tomaiuolo, R. Zianni, A. Chiappinelli, A. Mentana, M. Iammarino, V. Nardelli

P146**Risk assessment related to antimicrobial-resistant pathogens in ready-to-eat foods**

L. Capozzi, A.M. Derobertis, M. Solito, L.M. Di Fato, S. Castellana, R. Fraccalvieri, L. Del Sambro, A. Bianco, E. Catalano, A. Caffò, A. Giannico, D.A. Ruele, P. Di Taranto, M. Caruso, A. Parisi

P147**The veterinary drug from the animal to the environment: LC-HRMS analytical investigation on the cyclic fate of tulathromycin**

F.T. Cherchi, N. Rubattu, S. Salis

P148

Development and evaluation of a DNA metabarcoding method for species identification in meat products

L. Del Sambro, S. Castellana, A. Bianco, L. Capozzi, A.M. Derobertis, M.E. Gallitelli, C. Trisolini, D. Ridolfi, E. Buzzi, D. Farina, V. Rondinone, P. Di Taranto, A. Donatiello, A. Parisi

P149

Persistence of Hepatitis E Virus (HEV) subtypes 3C and 3E: long-term cold storage and heat treatments

G. Ianiro, M. Monini, L. De Sabato, M. Bivona, G. Vaccari, F. Ostanello, I. Di Bartolo

P150

Use of *Bdellovibrio* and like organisms (BALOs) as a food safety device

S. Di Lullo, G. Angelico, S. Pieralisi, G. Talevi, S. Nardi, E. Rocchegiani, S. Fisichella, D. Ottaviani

P151

Enhanced immune response and tolerance mechanisms in *Campylobacter jejuni*-infected chickens with probiotic treatment

C. Di Pancrazio, F. Marotta, C. Merola, A. Cocco, V. D'Innocenzo, A. Petrini, F. Sacchini, C. Villani, F. Perletta, M. Maggetti, I. Krasteva, E. Felicioni, S. Salucci, M. Luciani, G. Garofolo

P152

Molecular approach in epidemiological investigations: an outbreak of listeriosis from black olives

P. Di Taranto, L. Capozzi, S. Castellana, M. Solito, A. Castellana, S. Morabito, L. Addante, C. Trisolini, M. Caruso, C. Pedarra, V. Manzulli, V. Rondinone, G. Normanno, A. Parisi

P153

Cannabinoids and food safety: strategy for monitoring and perspectives

P. Gallo, A. Gallo, L. Ambrosio, M. Esposito, V. Urbani, G. Guadagnuolo, O. Arace, A. Siciliano

P154

Detection of non-compliant concentrations of cadmium, mercury and lead in seafood products over a ten-year period

L. Garofalo, M.G. Sala, C. Focardi, P. Pasqualetti, D. Delfino, P. Scaramozzino, K. Russo

P155

Molecular characterization, virulence genes and antimicrobial resistance of *Aeromonas* isolates from food and freshwater in Lombardy region, Italy

A. Grassi, E. Olivieri, S. Rigamonti, N. Vicari, F. Guadagno, L. Gintoli, S. Faccini, L. Marocchi, M. Gradassi, M.P. Sommariva, G. Sala, I. Bertoletti, A. Gazzola, M. D'Incau, P. Prati, G. Andreoli

P156

Food borne pathogens in vegetables and animal food products

V. Blanda, I. Giacchino, V. Vaglica, V. Milioto, S. Migliore, S. Di Bella, F. Gucciardi, R. D'Agostino, C. Sciacca, C. Cardamone, I. Mancuso, L. Scatassa, G. Purpari, G. Chiarenza, A. Guercio, V. Cannella, F. Grippi

P157

The illegal treatment of Red Tuna with nitrites: food safety implications and analytical methods of identification

S. Summa, M. Iammarino, S. Lo Magro, P. D'Antini, G. La Bella, G. Nobili, M.G. Basanisi, G. La Salandra, R. Romaniello, A.E. Barrasso, M. Muscarella

P158

Comparative evaluation of three capture enrichment kits for the virome analysis by shotgun metagenomic: a pilot study on oysters

V. Indio, J. Schaeffer, F. Troja, M. Desdouts, A. De Cesare, S. Le Guyader

P159

Effect of different cooking treatments on the formation of polycyclic aromatic hydrocarbons in pork meat

M. Ingegno, M. Iammarino, G. Berardi, I. Della Rovere, R. Colangelo, A. Calitri, V. Nardelli

P160

Detection of Ciguatoxins: LC-MS/MS method and implementation of cytotoxicity assay neuroblastoma (N2a)

D. Lenzo, D. Ippoliti, T.M. Vollaro, S. Dall'Ara, F. Pino, S. Milandri

P161

Qualitative analysis of Ochratoxin A levels in soluble and roasted coffee samples by LC-MS/MS

G.M. Lo Dico, A. Calogero, L. Pantano, A. Macaluso, E.M.D. Messina, M.D. Buscemi, F.G. Galluzzo, V. Ferrantelli

P162

***Origanum* spp. species identification: comparison between Sanger sequencing and metabarcoding**

G. Magagna, B. Maestrelli, M. Tilola, G. Fedrizzi, M.N. Losio, V. Filippello

P163

Development of new monoclonal antibodies against food allergens

M. García-Durán, E. Soria, R. González, E. Hevia, A. Camuñas, J. Martínez-Cano, P. Boehler, C. Romero, S. Peransi, J. Salcedo, P. Rueda

P164

Validation of sensitive and rapid immunoassay method to detect coconut allergen in foods and beverages

S. Morello, S. Lupi, C. Tramuta, E. Barucci, D.M. Bianchi

P165

Species authentication of insect-based food by DNA metabarcoding

A. Mottola, L. Lorusso, L. Ranieri, C. Intermite, A. Di Pinto

P166

Micro-RNAs in milk exosomes as biomarkers for detection of recombinant somatotropin misuse in dairy cows

N. Giaccio, M. Arigoni, R. Calogero, M. Pezzolato, E. Biasibetti, E. Bozzetta, A. Lamas, P. Regal, A. Benedetto

P167

Assessment of persistence and viability of SARS-COV-2 WUHAN B.1 and SARS-COV2 ERIS EG.5.1 on plant-based foods: implications for transmission and food safety

G. Picazio, G. Fusco, S. Brandi, L. Cardillo, L. Cozzolino, M. Viscardi, A. Pucciarelli, F. Di Maggio, M. Nunziato, E. De Carlo, C. De Martinis, F. Salvatore

P168

Asiatic products monitoring to verify label compliance: allergens detection in imported food sold in Northern Italy market

L. Ragni, R. Bertolassi, M. Ferrari, E. Pavoni, G. Finazzi, M.N. Losio, B. Bertasi

P170

Tests for detection of allergens in edible insect-based foods: ELISA as a screening test and food safety indicator

L. Biondi, B. Cioffi, A. Cutarelli, A.M.I. Montone, D. Cristiano, F.P. Serpe, F. Capuano, E. De Carlo, G. Fusco

P171

Detection of vertebrate DNA in vegan food by real-time PCR method

C. Tramuta, S. Morello, C. Avena, D.M. Bianchi

P172

Detection of E. coli STEC in dairy products: validation of pool analysis according to ISO 6887-1:2017

G. Weiss, G. Cento, E. Cristelli, K. Debiasi, M. Furlan, E. Ramon, S. Rodas, A.A. Lettini, R. Lucchini

FORENSIC DIAGNOSTICS

P173

Forensic Veterinary Medicine – Illegal disposal of pigeon carcasses with multiple epizootics

M. Alsaad, S. Hermann, M. Sinniger, H. Marti, S. Albini

P174

Development of analytical methods and diagnostic protocols for the determination of plant toxins in animal poisoning cases

F. Maccagnan, A. Mariacher, L. Di Benedetto, C. Eleni, A. Mastromattei, G. Bruni, V. D'Onofrio, F. Corrias, A. Piazza, S. Tonon, D. Deni, C. Focardi, G. Rosa

P175

Overkilling in a dog: a case report

F. Pesce, E. Sannino, E. Ragosta, G. Picazio, M. Esposito, M. Di Matteo, B. Degli Uberti, S. De Luca, N. Di Caprio, D. Citarella, G. Fusco, G. Miletti

P176

Reported mortality and prevalence of infectious diseases of free-living Griffon Vulture (*Gyps fulvus*) over the twenty-year period 2003-2023 in Central Italy

S. Salucci, G. Scortichini, G. Di Teodoro, P. Badagliacca, G. Di Francesco, S. Pelini, M.C. Cantelmi, B. Costantini, S. Centi, M. Ciminelli, F. Iannino, A. Cocco, N.M. Sulli, E.E. Tieri

GENOMICS

P177

Molecular identification and target enrichment sequencing of PanCoronavirus detected in animals

A. Bianco, S. Castellana, L. Del Sambro, L. Capozzi, A. Giannico, L. Pace, L. Marino, V. Manzulli, C. Ortello, M.L. Difato, G. Caldarola, V. Martella, D. Galante, A. Parisi

P178

Diagnostics with Oxford Nanopore Sequencing: key improvements and insights from years of ONT Experience.

G. Croville, M. Walch, A. Secula, J. Guerin

P179

Genetic characterization and study of virulence and AMR genes of Bacillus anthracis strains isolated in Italy

D. Galante, S. Castellana, V. Manzulli, A. Parisi, L. Serrecchia, V. Rondinone, L. Pace, D. Farina, A. Fasanella, A. Scarinci, A. Bianco

P180

Extension of Multiplex PCR for Streptococcus suis

N. Kralova, O. Legradyova, M. Zouharova, J. Matiasovic

P181

Population Analysis of Yersinia enterocolitica strains circulating in Italy through Whole Genome Sequencing

E. Ventola, M. Montalbano Di Filippo, P. Chiani, A. Knijn, M. Marra, V. Libri, G. Scavia, E. Delibato, S. Morabito, V. Michelacci

P182

Circular economy and aquaculture: evaluating the effects in farmed Sparus aurata of diets supplemented with polyphenols from olive oil by-products

M. Torricelli, A. Felici, R. Branciarri, M. Trabalza Marinucci, M. Biagetti, A. Manfrin, R. Galarini, L. Boriani, E. Radicchi, C. Sebastiani, M. Ciullo, S. Primavilla, F. Agnetti

P183

Transcriptome analysis of brain, intestine and hypopharyngeal glands of *Apis mellifera* using the Oxford Nanopore third generation sequencing technology

L. Zulian, M. Pauletto, A. Vezzi, G. Sales, F. Bordin, M. Dacasto, F. Mutinelli, A. Granato

IMMUNOLOGY AND VACCINES

P184

An annual primary vaccination of replacement ewes against Coxiellosis induced a long-lasting immune response and allowed a control of infection

J. Böttcher, B. Bauer, C. Ambros, M. Alex, U. Domes, S. Roth, K. Boll, M. Korneli, K. Bogner, A. Randt, B. Janowitz

P185

Effect of vaccine candidates on the immunodiagnosis of animal TB and assessment of defined antigens as DIVA reagents

P. Cuenca-Lara, M. Blay-Benach, Z. Cervera, C. Melgarejo, J. Moraleda, I.A. Sevilla, J.M. Garrido, M. Singh, G. Jones, B. Pérez De Val

P186

Quality control of veterinary autogenous vaccines by monocyte activation test (MAT) performed on a mouse cell line: preliminary data

A. Di Paolo, C. Colabella, R. Liberti, L. Anzalone, I. Font Monclus, C. Raviolo, G. Severi, M. Cagiola

P187

Evaluation of the performance of two commercial Interferon Gamma Release Assay kits for the diagnosis of tuberculosis in water buffalo (*Bubalus bubalis*): preliminary data

A. Martucciello, A. Donniacuo, E. De Carlo, P. Mazzone, L. Schiavo, M.B. Boniotti, P. Cerrone, C. Spoleto, G. Galiero, J. Bezos, B. Romero Martinez

P188

Swine nephroblastoma: a comparative model for human Wilms' tumor?

F. Fruscione, G. Del Zotto, C. Cantoni, G.M. Spaggiari, B. Cafferata, E. Brambilla, V.G. Vellone, L. Gibelli, C. Pigoli, C.G. De Ciucis, L. De Paolis, B. Passeri, V. Grieco, E. Razzuoli

P189

Development and field validation of companion serological and molecular DIVA assays for ASF vaccines, based on the detection of the p72, EP153R, and eGFP genes/codified proteins

G. González-García, J. Fernández-Pinero, C. Gallardo, C. Galán, M. Montón, S. Barroso-Arévalo, N. Casado, J.Á. Barasona, Ž. Šteingolde, J. Buitkuvieni, P. Václavek, A. Oggiano, I. Nurmoja, J.M. Sánchez-Vizcaíno, Á. Venteo, P. Sastre, P. Rueda

P190

Development of a *Coxiella burnetii* neutralization assay

M. Heijne, Y. Corripio-Miyar, A. Dinkla, M. Van Den Esker, T. Mcneilly, L. Ravesloot, A. Koets

P191

In silico and in vitro characterisation of recombinant *Chlamydia abortus* antigens as potential vaccine candidates.

H. Hill, M. Livingstone, K. Aitchison, C. Cunnea, K. Snedden, M. Rocchi, S. Wattedgedera, D. Longbottom

P192

Poultry vector vaccines: innovative serological assays for vaccination monitoring and DIVA testing for H5 avian Influenza A

S. Lesceu, M. Gaimard, C. Redal, J. Drus, C. Lefebvre, M. Zorbas, L. Comtet, P. Pourquier

P193

Optimization of bacterial liquid cultures for autogenous vaccine production to be administered to species of aquaculture interest

D. Prataviaera, A. Tondo, B. Colò, M. Picchi, L. Cortinovia, M. Bottinelli, S. Catania

P194

Exploring the role of inactivated BCG as an immunomodulator in SARS-CoV-2 disease

L. Sánchez-Morales, N. Porras, T. García-Seco, M. Pérez-Sancho, F. Cruz, S. Barroso-Arévalo, B. Chinchilla, M. Diaz-Frutos, A. Buendía, I. Moreno, A. Rodríguez-Bertos, M. Domínguez, L. Domínguez

LABORATORY ANIMALS

P195

Artificial scaffold in polybutylene succinate for bone tissue regeneration: study on the in vivo "rabbit" model

L. Cicero, R. Cirincione, M. Licciardi, R. Puleio, G. Vigni, L. D'Itri, V. Gargano, D. Gambino, G. Barbaccia, D. Vicari, G. Cassata

P196

ATP assay for toxicity evaluation of autogenous vaccines: a replacement approach to rodent model

A. De Mattia, M.A. Checco, R. Villa, A. Cacciamali, S. Dotti

P197

Proteic and genomic characterization of non-pathogenic but invasive *Bordetella bronchiseptica* strains in laboratory SPF rabbits

R. Eliacin, C. Pelletier, M. Tisserant, C. Mathieu

MISCELLANEOUS

P198

The distribution of *Chlamydia abortus* in lymph nodes from infected ewe

S.G. Caspe, N.D. Sargison, E. Milne, S.R. Wattedgedera, D. Longbottom

P199

Prevalence of parasitic infestations by Cestodes, Nematodes and Coccidia in sheep farms in Sicily – Italy

G. Barbaccia, D. Gambino, V. Gargano, L. Cicero, R. Cirincione, D. Vicari, G. Cassata, A. Vella

P200

Minimum Inhibitory Concentration of antimicrobials may not prevent *Mycoplasma gallisepticum* and *Mycoplasma synoviae* from synthesizing biofilm in vitro

B. Colò, M. Bottinelli, G. Nai, D. Prativiera, E. Rinaldi, A. Tondo, S. Catania

P201

Quality control studies on large batches of fetal bovine serum for use in diagnostics

E. De Haan, M. Tacken, D. Kalk-Korver, M. Span, S. Avci-Seker, D. Van Zoelen-Bos, J. Van Der Goot

P202

Chicken in lamb's clothing: species substitution in single protein dog food

V. Filipello, C. Wehbe, G. Magagna, M. Tilola, E. Butovskaya, E. Faggionato

P203

Comparison of protocols useful to isolate and count of microplastics in *Caretta caretta* stool samples

C. Lomonaco, E. Morici, G. Schirò, R. Disclafani, L. Tranchina, F.P. Bonomo, V. Monteverde, M. Licciardi, S. Dara, P. Galluzzo

P204

Detection of *Neospora caninum* antibodies in aows and their offspring

L.V. Athanasiou, E.G. Katsogiannou, C.N. Tsokana, D. Gougoulis, S.M. Papadakis, V.G. Papatsiros

P205

Preliminary results on the isolation of specific *Bacillus anthracis* bacteriophages from naturally contaminated sites and their potential use as environmental decontaminants

V. Manzulli, D. Farina, A. Bianco, S. Castellana, A. Fasanella, V. Rondinone, L. Serrecchia, L. Pace, E. Poppa, M. Iatarola, D. Galante

P206

Microplastics biodegradation potential of bacteria isolated from aquatic environment of the Adriatic Sea

S. Peralisi, S. Di Lullo, D. Maiolatesi, G. Angelico, G. Talevi, S. Nardi, F. Leoni, F. Barchiesi, E. Rocchegiani, D. Ottaviani

P207

Preliminary study on the haemolysis influence on protein electrophoresis in calves sera

M. Soncin, M. Bertola, C. Falcaro, E. Passabì, D. Peruffo, V. Bertazzo, A. Stefani, R. Tessari, F. Peraro, F. Mutinelli

NEW DIAGNOSTIC TESTING TECHNOLOGIES

P208

Development and optimization of a multiplex bead-based assay for the detection of antibodies against BoHV1, BVDV1 and BVDV2 in serum and milk samples

B. Colitti, E. Locatelli, A.R. Vlad, D. Giaccone, C. Nogarol, L. Bertolotti, S. Rosati

P209

An improved competitive ELISA for a reliable detection of Contagious Bovine Pleuropneumonia (CBPP)

L. Comtet, J. Gaborit, K. Martin, C. Derendinger, A. Greatrex, A. Limozin, P. Pourquier

P210

A new triplex RT-qPCR to detect and differentiate Bluetongue and Epizootic Hemorrhagic Disease in a single well

L. Comtet, L. Despois, E. Bianchini, A. Limozin, P. Pourquier

P211

Evaluation of an indirect ELISA based on E2 recombinant protein for the serological detection of Ovine Pestivirus in porcine sera.

M. Corsa, G. Pezzoni, A. Castelli, R. Benevenia, M. Giammarioli, D. Meyer, P. Becher, E. Sozzi

P212

Development of a sensitive and rapid homogeneous bioluminescent diagnostic assay platform for animal infectious diseases

M. Dart

P213

Validation of AIV and RABV molecular methods employing commercial freeze-dried reagents and deployment in Sub-Saharan diagnostic laboratories

P. Drzewnioková, I. Brian, A. Fortin, M. Marcin, M. Gourlaouen, A. Angot, M. Niang, I. Dah, K. Berete, A. Diakite, F. Tall Lo, V. D'Amico, V. Valastro, P. De Benedictis, I. Monne, V. Panzarin

P214

Developing a recombinant protein Enzyme Linked Immunosorbent Assay (ELISA) for diagnosis and prevalence of *Babesia divergens*

P. Formisano

P215

Design and validation of a qRT-PCR array to discriminate virulent and avirulent APMV-1

A. Fortin, A. Laconi, I. Monne, S. Zohari, K. Andersson, C. Grund, M. Cecchinato, M. Crimauo, V. Valastro, V. D'Amico, A. Bortolami, M. Gastaldelli, M. Varotto, A. Abdelrahman, N. Amarin, M.B. Abubakar, R. Belayneh, Y.B. Cyprien, V. Christodoulou, I. Chvala, A. Dodovski, S.A. Ghafouri, M. Giasuddin, M. Hassan, A. Kammon, I. Shittu, C.J. Snoeck, M. Steensels, D. Suarez, M.K. Torchetti, S.M. Tshipambe, L.H. Ouermi Zerbo, C. Terregino, V. Panzarin

P216**Complete diagnostic solution for Epizootic Haemorrhagic Disease monitoring**

C. Aira, S. Hernández-Antón, L. López, C. Galán, M.Á. Risalde, P. Rueda, A. Fresco-Taboada

P217**Improved serological assays for the diagnosis of Canine Leishmaniosis**

R. Mahdavi, C. Aira, H. Redondo, L. López, C. Galán, P. Rueda, A. Fresco-Taboada, U. Steinhoff

P218**Application of a ruminant abortion Multiplex qPCR-HRM technique to investigate abortions in small ruminants, Greece**

I. Gouvias, M. Lysitsas, G. Valiakos

P219**Comparative evaluation of mastitis bacteriological identification methods in dairy cows during the pre-drying off period**

F. Laforêt, T. Glouden, M. Vandermolén, M. Beaudor, M. Liégeois, V. Dave

P220**Recombinant antibody generation and adaptation to animal health diagnostic tests**

J. Martínez-Cano, E. Soria, A. Camuñas, M. Terrasa, J. Sarraseca, Á. Venteo, S. Collado, P. Rueda, M. García-Durán

P221**LAMP: new DNA amplification technology as a point of care tool to help diagnostic of pathogens in animals**

L. Melo, T. Thibault, L. Valot, A. Zocevic, M. Simonnet, W. Yakoub, D. Schieb, M. Gene, E. Schaeffer, C. Bettin, L. Thiery

P222**Validation of a droplet digital PCR assay using the lambda prophage type 3 target to detect B. anthracis**

L. Pace, M.G. Basanisi, V. Rondinone, G. La Salandra, V. Manzulli, A. Aceti, L. Serrecchia, F. Tolve, A. Scarinci, V. Vetrutto, G. La Bella, G. Nobili, D. Galante

P223**Validation of passive samplers for the detection of Avian Influenza virus in wetlands**

M. Crimauco, S. Marciano, P. Berto, S. Bofill Mas, M. Rusiñol, A. Bortolami, F. Pascoli, F. Bonfante, C. Terregino, V. Panzarín

P224**Veterinary rapid point-of-care testing using the portable isothermal loop mediated nucleic acid amplification pluslife platform**

V. Sarchese, F. Di Profio, E. Prato, C. Commisso, F. Marsilio, V. Martella, B. Di Martino

P226**Development of a routine analysis method for creatinine in milk**

J. Schaepe, I. Jacobs, V. Huys, L. Allais, N. Botteldoorn, E. Van Driessche, T. Vanblaere

P227**PCR-based methods for the detection of botulinum producing-Clostridia type C, D, and their mosaic variants**

S. Taglieri, C. Scalfaro, F. Anniballi

P228**MikroWin 2020 – an automated ELISA interpreter**

M. Van Den Brandt-Willekes, P. Van Kalsbeek, I. Heite

PROFICIENCY TESTING – PARTICIPANT AND ORGANIZER PERSPECTIVE**P229****Istituto Zooprofilattico Sperimentale delle Venezie - Proficiency Testing (PT) AQUA on Food Microbiology: 20 years of experience**

A. Bevilacqua, R. Trevisan, F. Loriggiola, M. Favretti, L. Barco

P230**How a pharmaceutical industry ensures reliable testing for post-vaccination monitoring: Ceva Animal Health initiatives**

E. Dupas, G. Dauphin

ZOONOSES / VECTOR BORNE DISEASES**P231****Circulation and prevalence of Enteric Viruses in coastal waters of the Campania region**

F. Serra, M. Levante, L. Marati, A. Pucciarelli, I. Di Bartolo, M. Monini, G. Ianiro, D. Iaccarino, E. Esposito, E. De Carlo, G. Fusco, M.G. Amoroso

P232**Genetic and antimicrobial resistance characterization of Lactococcus isolates from Mediterranean fish outbreaks**

J.L. Arnal Bernal, C. Sanz Tejero, E. Planas Callao, S. Del Caso Yagüe, G. Chacón Pérez, D. González Martín

P233**First report of Leishmania infantum in captive non-human primates in Italy**

G. Barlozzari, V. Galletta, L. Salvato, F. Romiti, C. De Liberato, G. Marafini, V. Russini, K.G. Friedrich, P. Di Cerbo, C. Eleni, M. Scarpulla

P234**Investigation on Q Fever agent in donkey milk**

L. Bellinati, L. Ceglie, T.O. Kevenk, L. Lucchese, A. Natale, F. Giacometti, L. Alberghini

P235**West Nile Virus surveillance in the Campania region, year 2023**

M. Buonanno, S. Smeraldo, F. Gargano, M. Ottaiano, R. Brunetti, L. Baldi, E. De Carlo

P236**Entomological surveillance for West Nile and Usutu virus in Apulia region (Southern Italy): first evidence of WN virus in mosquitoes (2023 year)**

M.A. Cafiero, D.A. Raele, L. Marino, N. Cavaliere, D. Pugliese, M. Beverelli, M.G. Cariglia, F. Speranzoso, S.P. Grimaldi, M.C.F. Nardella La Porta, O. Mongelli

P237**Detection of Toxoplasma gondii DNA in raw milk of water buffaloes (Bubalus bubalis) from southern Italy**

G. Cappelli, A. Mancusi, D. Vecchio, G. Di Vuolo, C. Grassi, A. Bosco, A. Martucciello, Y. Proroga, M. Serrapica, C.A. Denise, O. Di Maro, L. Rinaldi, E. De Carlo

P238**Skin lesions caused by Mycobacterium africanum in a domestic cat**

A. Caprioli, P. Alba, C. Cocumelli, C. Eleni, V. Galietta, L. Sorbara, F. Stravino, F. Feltrin, R. Amoruso, C. Buccella, F. Ceccaroni, M. Frega, A. Franco, B. Antonio

P239**Molecular detection of Babesia/Theileria spp. in ticks collected from migratory birds captured at Faunistic Observatory of the Asinara Island, Sardinia, Italy**

V. Chisu, P. Bianco, L. Giua, G. Masu, C. Foxi, G. Masala, I. Piredda

P240**First report of Listeria monocytogenes in a septicemic pet chinchilla (Chinchilla lanigera Molina, 1782) in Italy**

L. Cirasella, E. Massella, S. Pongolini, C. Bracchi, S. Russo, G. Tosi, C. Siclari, L. Fiorentini, S. Perulli

P241**Preliminary study of anti-Leishmania activity of two new semi-synthetic chalcones**

F. Facciponte, E. Anselmo, L. Siragusa, S. Giardina, E. Oliveri, F. Bruno, G. Castelli, F. Vitale

P242**Development of a molecular assay for the detection of Borrelia SPP. in animal samples**

V. Facile, M. Magliocca, L. Gallina, L. Urbani, A. Balboni, M. Battilani

P243**Preliminary analysis on the impact of climate change on the emergence of vector-borne diseases**

F. Gargano, M. Ottaiano, R. Brunetti, M. Buonanno, C. De Martinis, G. Colarusso, A. Esposito, L. Baldi, E. De Carlo

P244**Involvement of formyl peptide receptor 2 in canine Coronavirus infection**

R. Giugliano, L. Del Sorbo, V. Iovane, P. Cuomo, A. Gentile, M.M. Salvatore, C. Zannella, A. De Filippis, M. Galdiero, A. Pratelli, R. Capparelli, A. Andolfi, F. Fiorito

P245**Borrelia miyamotoi in Ixodes ricinus ticks recovered from hosts in Lombardy region, Northern Italy**

E. Olivieri, S. Rigamonti, I. Karaman, N. Vicari, I. Bertoletti, A. Bianchi, C.M. Lodola, G.L. Polonini, M. Macrelli, A. Grassi, G. Maioli, P. Prati

P246**Identification of a new subtype of hepatitis E Virus in wild boars**

G. La Bella, A.M. D'Antuono, M.G. Basanisi, G. Nobili, R. Coppola, A.M. Damato, G. Occhiochiuso, S. Faleo, P. Di Taranto, F. Pellegrini, G. Lanave, V. Martella, G. La Salandra

P247**A novel multiplex PCR approach for Anaplasma spp, Borrelia burgdorferi and Rickettsia spp screening in ticks collected from humans**

J. Lai, C. Tessarolo, V. Carta, A. Ferrari, M. Gallo, C. Palmitessa, M. Lo Faro, A. Favole, S. Peletto, M.G. Maniaci, T. Avanzato, C. Pasqualini, M. Caramelli, C. Casalone, C. Corona

P248**Swine Norovirus: from overlooked agent to possible zoonotic concern. Molecular identification and characterization in Spanish swine herds**

S. Lazaro, C. Martinez, J.L. Arnal, A. Benito

P249**Infection with Mycobacterium microti in South American camelids in Switzerland**

J. Lienhard, U. Friedel, M. Schneeberger, S. Schmitt

P251**Human-animal leptospirosis outbreak. Diagnostic approach in a One Health perspective**

E. Mazzotta, N. Menegotto, V. Biscaro, E. Vian, C. La Spisa, E. Pascotto, L. Ceglie, L. Bellinati, L. Lucchese, C. Zanardello, G. Foiani, A. Busa, A. Natale

P252**Exploring the potential of Muridae as sentinels for human and zoonotic viruses**

I. Di Bartolo, L. De Sabato, G. Ianiro, G. Vaccari, F.M. Dini, F. Ostanello, M. Monini

P253**Ticks and associated pathogens from wild animals in Valle d'Aosta region (NW Italy): data from 2017 to 2022**

C. Nogarol, S. Robetto, I.N. Miceli, S. Brusadore, L. Domenis, R. Spedicato, S. Di Bella, A. Guercio, V. Blanda, R. Orusa, M.L. Mandola

P254**Wild boar as a potential reservoir of foodborne zoonotic agents in Central Italy: a 2-year monitoring**

S. Primavilla, M. Borghi, R. Ortenzi, R. Branciari, R. Roila, D. Ranucci, C. Altissimi, S. Gavaudan, S. Di Lullo, B. Morandi, A. Valiani

P255

First candidatus *Midichloria mitochondrii* investigation through Real-Time PCR and Droplet Digital PCR

A. Pucciarelli, L. Cardillo, M. Viscardi, G. Picazio, N. D'Alessio, G. Sgroi, V. Veneziano, G. Fusco, C. De Martinis

P256

West Nile Encephalitis claims the life of a horse in the Apulia region, Italy

D.A. Raele, L. Marino, N. Cavaliere, M.A. Cafiero, R. Catanzariti, E. Macolino, M.S. Cappucci, E. De Simone, L. Del Sambro, L. Capozzi, A. Petrella

P257

Shiga toxin-producing *Escherichia coli* from roe deer (*Capreolus capreolus*), fallow deer (*Dama dama*) and red deer (*Cervus elaphus*) in Emilia Romagna Region, Northern Italy

M. Sampieri, P. Chiani, S. Lauzi, R. Tozzoli, C. Garbarino, A. Prosperi, G. Pupillo, G. Rugna, S. Rubini, M. Frasnelli, L. Fiorentini, P. Bassi, A. Padovani, S. Palminteri, G. Galletti, G. Scavia, R. Taddei

P258

Exposure of red foxes to *Toxoplasma gondii*, *Anaplasma phagocytophilum*, *Leishmania infantum*, and *Trichinella* spp. in Greece: a serological investigation

L.V. Athanasiou, S. Boutsini, E.G. Katsogiannou, K.E. Tasioudi, D.P. Papatheodorou, G. Markantonatos, S. Tampach, M. Bisia, D. Stogiou, C.N. Tsokana



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