

WAAVP



20 – 24 AUGUST, 2023
CHENNAI



THE LEELA PALACE, CHENNAI

**29th International Conference of the World Association for
the Advancement of Veterinary Parasitology**

Schedule of Oral / Poster Presentations

“Parasites: Global Impacts, Local Solutions”



Scientific Programme

Sunday, August 20, 2023

KL = Keynote Lecture

OA = Oral Abstract

PS = Poster Session

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| 14:15 – 15:30 | Opening Ceremony Grand Ball Room, The Leela Palace |
| 15:30 – 16:30 Grand Ball Room | Inaugural Keynote Address Session Chair: • Prof. Sangaran Arumugam , Conference Chair of WAAVP 2023 Speaker: Parasitology in India – A Century Episode Dr. J. Raghavendra Rao , Former Principal Scientist, ICAR – IVRI, Bareilly |
| 16:30 – 17:30 | Coffee Break |
| 17:00 – 19:00 Grand Ball Room | Session Chair: • Prof. Gad Baneth , Hebrew University, Israel |
| 17:00 – 18:00 | Speakers: KL 01.01 Tackling emerging vector-borne zoonoses using next generation molecular diagnostics Prof. Rebecca Traub , University of Melbourne, Australia |
| 18:00 – 19:00 | KL 01.02 Marriage between nucleic acid-based detection methods with protein-based readouts - the way forward for point-of-care diagnostics Prof. G. Dhinakar Raj , TANUVAS, Chennai |
| 19:00 – 20:30 | Welcome Reception / Dinner |

Scientific Programme

Monday, August 21, 2023

KL = Keynote Lecture

OA = Oral Abstract

PS = Poster Session

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| 09:00 – 11:00 Grand Ball Room | Session Chair: • Prof. David Modry , Biology Centre of CAS, Czechia |
| 09:00 – 10:00 | Speakers: KL 02.01 Animal leishmaniosis – a multiple host environment Prof. Gad Baneth , Hebrew University, Israel |
| 10:00 – 11:00 | KL 02.02 Application of transcriptomics to study parasite biology and host parasite interactions Prof. Suresh V Kuchipudi , University of Pittsburgh, USA |
| 11:00 – 11:30 | Coffee Break |
| 11:30 – 13:15 Grand Ball Room | Breakout Sessions Breakout 1: OA01 Equine Parasites Session Chair/Co Chair: • Dr. V.C. Rayulu , SVVU, India • Dr. Elisha Frye , Cornell University, USA |
| 11:30 – 11:45 | OA 01.01 Cyathostomin communities in Horses in Ireland – Opening the Black Box Ms. Orla Byrne , University College Dublin, Ireland |
| 11:45 – 12:00 | OA 01.02 Age-related excretion of strongyle eggs in young horses Dr. Hubertus Hertzberg , University of Zurich, Switzerland |
| 12:00 – 12:15 | OA 01.03 Cytochrome oxidase C subunit 1 marker region as a target for nemabiome-sequencing based cyathostomin population characterization Prof. Georg Von Samson-himmelstjerna , Freie Universität Berlin, Germany |
| 12:15 – 12:30 | OA 01.04 Does selective anthelmintic treatment according to fecal egg count provide better worm control in horses than fixed “blanket” treatments in the autumn and spring? A case study from Louisiana, USA Dr. Adriano Vatta , Louisiana State University, USA |
| 12:30 – 12:45 | OA 01.05 Status of anthelmintic resistance and egg reappearance periods of equine cyathostomins on Australian thoroughbred farms Dr. Ghazanfar Abbas , The University of Melbourne, Australia |

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| 12:45 – 13:00 | OA 01.06 Loss of Parasite Control Due to Shortened Equine Strongylid Egg Reappearance Periods Dr. Martin Nielsen , University of Kentucky, USA |
| 13:00 – 13:15 | OA 01.07 Occurrence of <i>Anoplocephala spp.</i>, <i>Strongylus spp.</i> and <i>Cyathostominae</i> in German horse farms using coproscopic, serological and molecular approaches Ms. Jennifer Schmidt , Institute for Parasitology, Freie Universitat Berlin, Germany |
| 11:30 – 13:00 | Breakout Sessions |
| Ball Room-1 | Breakout 2: OA02 Ticks of Ruminants Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. B.R. Latha, TANUVAS, India • Dr. Marcos Antônio Bezerra Santos, University of Bari, Italy |
| 11:30 – 11:45 | OA 02.01 Low genetic diversity and population structuring of <i>Amblyomma hebraeum</i> and <i>Rickettsia africae</i> from coastal and inland regions in the Eastern Cape Province of South Africa Dr. Alicia Pillay , University of KwaZulu-Natal, South Africa |
| 11:45 – 12:00 | OA 02.02 The Influence of Cattle Age on Hard Tick (Ixodidae) Infestations in South Africa Ms. Eliza Terblans , University of the Free State, South Africa |
| 12:00 – 12:15 | OA 02.03 Ecological Competition and Acaricide Resistance of Two <i>Rhipicephalus (Boophilus)</i> Species Collected on Commercial Farms in South Africa Dr. Ellie Van Dalen , University of the Free State, South Africa |
| 12:15 – 12:30 | OA 02.04 Tick-borne pathogens and body condition of cattle in smallholder rural livestock production systems in East and West Africa Prof. Maxime Madder , Clinglobal, Mauritius |
| 12:30 – 12:45 | OA 02.05 Tick communities of cattle in smallholder rural livestock production systems in Subsaharan Africa Dr. Dieter Heylen , University of Antwerp, Belgium |
| 12:45 – 13:00 | OA 02.06 Cattle tick management in South East Queensland, Australia Dr. Luc DUREL , Virbac S.A., France |

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| 11:30 – 13:15 Meeting Room -1 | Breakout Sessions Breakout 3: OA03 Parasite Epidemiology Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. Anish Yadav, SKUAST(J), India • Dr. Veronica Adetunji, University of Ibadan, Nigeria |
| 11:30 – 11:45 | OA 03.01 <i>Angiostrongylus cantonensis</i> (Nematoda: Angiostrongylidae) an emerging cause of human angiostrongyliasis in India. Mr. Divakaran Pandian , Czech University of Life Sciences, Czech Republic |
| 11:45 – 12:00 | OA 03.02 Prevalence, distribution and clinical impact of canine tick-borne diseases in North-West Australia Dr. Amanda Barbosa , Murdoch University, Australia |
| 12:00 – 12:15 | OA 03.03 "Molecular characterization of <i>Wolbachia</i> in hard ticks of small ruminants in Tamil Nadu, India" Prof. Selvarayar Arunkumar , Tamil Nadu Veterinary and Animal Sciences University, India |
| 12:15 – 12:30 | OA 03.04 Relationship between the number of counted larvae and the estimated proportion of gastrointestinal nematode species in a pooled fecal sample Prof. Jaroslaw Kaba , Warsaw University of Life Sciences, Poland |
| 12:30 – 12:45 | OA 03.05 The emergence of thelaziosis caused by <i>Thelazia callipaeda</i> in companion animals from the USA Dr. Ranju Manoj , Cornell University, USA |
| 12:45 – 13:00 | OA 03.06 Sheep parasite species throughout New Zealand. Dr. Tania Waghorn , Agresearch Grasslands, New Zealand |
| 13:00 – 13:15 | OA 03.07 WAAVP Africa Network Survey: Priorities for control of veterinary parasitic diseases across Africa Dr. Ayodele O. Majekodunmi , FAO Emergency Centre for Transboundary Animal Diseases, Nigeria. |
| 13:00 – 14:00 | Lunch Break |
| 14:00 – 15:00 Grand Ball Room | Session Chair: <ul style="list-style-type: none"> • Dr. C. Sreekumar, TANUVAS, India Speaker: KL 02.03 Equity, Inclusivity and Diversity Dr. Nichola Calvani , University of Galway, Ireland |

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| 15:00 - 16:30 Grand Ball Room | Breakout Sessions Breakout 1: OA04 Protozoan Parasites Session Chair/Co Chair: <ul style="list-style-type: none"> • Prof. Siti Nursheena Mohd Zain, Universiti Malaya, Malaysia • Dr. Muthu Sankar, ICAR – IVRI, India |
| 15:00 – 15:15 | OA 04.01 Giardicidal effectiveness of a pyrantel pamoate + praziquantel + febantel + ivermectin association (Ourofino Saúde Animal Ltda.) in naturally infected dogs Dr. Breno Cayeiro Cruz , Ourofino Saúde Animal Ltda., Brasil |
| 15:15 – 15:30 | OA 04.02 The sublethal concentration of chlorine improves the cytotoxicity of <i>Acanthamoeba castellanii</i> Dr. Somayeh Bahrami , Shahid Chamran University of Ahvaz, Iran |
| 15:30 – 15:45 | OA 04.03 The Key Molecular Biological Characteristics between <i>Trypanosoma musculi</i> and <i>Trypanosoma lewisi</i> Prof. Zhao-Rong Lun , Sun Yat-Sen University, China |
| 15:45 – 16:00 | OA 04.04 Study on mutations in the TaSP gene of <i>Theileria annulata</i> in India Dr. Ramalingam Edith , Tamil Nadu Veterinary and Animal Sciences University, India |
| 16:00 – 16:15 | OA 04.05 <i>Tritrichomonas foetus</i> long read genome sequencing methods Prof. Alicja Tabor , The University of Queensland, Australia |
| 16:15 – 16:30 | OA 04.06 A case report of <i>Theileria Orientalis</i> genotype Ikeda in a dairy cow in New York State, USA Dr. Elisha Frye , Cornell Animal Health Diagnostic Center, USA |
| 15:00 - 16:30 Ball Room-1 | Breakout Sessions Breakout 2: OA05 Tick Diseases Transmission Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. Samuel Charles, Elango Animal Health, USA • Dr. Luciana-Catalina Rus (Panait), University of Agricultural Sciences and Veterinary Medicine, Romania |
| 15:00 – 15:15 | OA 05.01 Application of quantitative proteomics to discover biomarkers for tick resistance in cattle Dr. Ali Raza , The University of Queensland, Australia |
| 15:15 – 15:30 | OA 05.02 The role of <i>Ixodes scapularis</i> neutral sphingomyelinase (nSMase) in Tick-Flavivirus interactions Dr. Kundave VR , Tamil Nadu Veterinary and Animal Sciences University, India |

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| 15:30 – 15:45 | OA 05.03 Understanding and combating ticks and tick-borne pathogens in the Middle East and North Africa Region through a One Health approach Prof. Arve Lee Willingham , College of Agriculture & Veterinary Medicine, United Arab Emirates |
| 15:45 – 16:00 | OA 05.04 <i>Amblyomma</i> Infestation in Kinixys Belliana And Kinixys Homeana and its possible role in the transmission of haemogregarine parasites in Ibadan, Oyo State, Nigeria Dr. Veronica Adetunji , University of Ibadan, Nigeria |
| 16:00 – 16:15 | OA 05.05 Molecular Detection of Bovine Theileriosis in Dairy Cattle of Bangladesh using Multiplex PCR Dr. MD TALUKDER , Bangladesh Agricultural University, Bangladesh |
| 16:15 – 16:30 | OA 05.06 Development of an immunochromatographic test for serodetection of <i>Anaplasma marginale</i> infection in cattle Dr. Rajat Garg , ICAR-Indian Veterinary Research Institute, India |
| 15:00 - 16:45 | Breakout Sessions |
| Meeting Room - 1 | Breakout 3: OA06 Host responses against helminths Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. Marcelo Molento, Universidade Federal do Parana, Brazil • Dr. Swaid Abdullah, The University of Queensland, Australia |
| 15:00 – 15:15 | OA 06.01 Fatal Haemonchosis in Australian Beef Heifers Dr. Matthew Ball , Virbac Animal Health, Australia |
| 15:15 – 15:30 | OA 06.02 Comparative genomics of <i>Dipylidium caninum</i>: host association and praziquantel resistance Dr. Jeba Jesudoss Chelladurai , Kansas State University College of Veterinary Medicine, USA |
| 15:30 – 15:45 | OA 06.03 Treatment of early immature <i>Fasciola hepatica</i> in growing cattle: effect on weight gain and liver weight Dr. Dietmar Hamel , Boehringer Ingelheim Vetmedica GmbH, Germany |
| 15:45 – 16:00 | OA 06.04 The impact of breeding for resistance to gastrointestinal nematode parasites: 25 years of WormFEC in the New Zealand sheep industry Dr. Kathryn McRae , Agresearch, New Zealand |
| 16:00 – 16:15 | OA 06.05 Study of the early invasion mechanisms of <i>Fasciola hepatica</i> juveniles by quantitative proteomics in an in vivo mouse model Ms. Marta López-García , Institute of Natural Resources and Agrobiology of Salamanca (IRNASA-CSIC), Spain |

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| 16:15 – 16:30 | <p>OA 06.06 <i>Fasciola hepatica</i> juveniles interact with the host fibrinolytic system as a potential early-stage invasion mechanism Ms. Judit Serrat, Institute of Natural Resources and Agrobiology of Sala, Spain</p> |
| 16:30 – 16:45 | <p>OA 06.07 Insight to <i>Platynosomum fastosum</i> infection in definitive host cats and intermediate host lizard in Malaysia Dr. Nor Azina Abdul Aziz, Universiti Putra Malaysia</p> |
| 15:00 - 16:30 Meeting Room - 2 | <p>Breakout Sessions Breakout 4: OA07 Diagnosis of GI nematodes of ruminants Session Chair/Co Chair:</p> <ul style="list-style-type: none"> • Dr. Reuben Sharma, Universiti Putra Malaysia • Dr. Ketsarin Kamyangkird, Kasetsart University, Thailand |
| 15:00 – 15:15 | <p>OA 07.01 Efficacy of fenbendazole against gastrointestinal nematodes in naturally infected goats, in Mozambique Ms. Edna Guinda, Eduardo Mondlane University, Freie Universität Berlin, Germany</p> |
| 15:15 – 15:30 | <p>OA 07.02 Online tools to supplement the upcoming WAAVP guidelines for calculating prospective sample sizes and classifying efficacy results for faecal egg count reduction tests in ruminants, horses and swine Prof. Matthew Denwood, University of Copenhagen, Denmark</p> |
| 15:30 – 15:45 | <p>OA 07.03 Phenotypical characterization of eprinomectin-resistant <i>Haemonchus contortus</i> isolates assessing motility with WormMicroTracker®. Ms. Julie Petermann, National Veterinary School of Toulouse, France</p> |
| 15:45 – 16:00 | <p>OA 07.04 Selective treatment of dairy sheep based on parity and body condition has a limited impact on milk productivity – Lessons learned from five dairy sheep flocks in France Ms. Sophie Jouffroy, Ecole Nationale Vétérinaire De Toulouse/ceva/inrae, France</p> |
| 16:00 – 16:15 | <p>OA 07.05 Anthelmintic action of <i>Butea frondosa</i> extract against adult <i>Haemonchus contortus</i>: in-vitro studies Dr. Neelakshi Deka, Assam Agricultural University, India</p> |
| 16:30 – 17:00 | <p>Coffee Break</p> |

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| 17:00 – 18:15 Grand Ball Room | Breakout Sessions Breakout 1: OA08 Molecular Tools Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. Nichola Calvani, University of Sydney, Australia • Dr. Biswa Ranjan Maharana, LUVAS, India |
| 17:00 – 17:15 | OA 08.01 Metabolome of canine saliva in dogs with <i>Babesia canis</i>: a targeted metabolomics study Prof. Vladimir Mrljak , University of Zagreb, Croatia |
| 17:15 – 17:30 | OA 08.02 Detection of <i>Tritrichomonas foetus</i> and <i>Simplicimonas</i> from bovine reproductive disorders cases in India: Implications for Diagnostic Strategies Bahekar, Dr. Vijay Shriram , National Dairy Development Board, Anand, India |
| 17:30 – 17:45 | OA 08.03 Molecular phylogeny of <i>Culicoides</i> midges in Telangana State, South India Dr. Dasmabai Banothu , PV Narasimha Rao Telangana Veterinary University, India |
| 17:45 – 18:00 | OA 08.04 Meta-analysis of Cryptosporidiosis in domestic animals in and around Udaipur region Dr. Sanweer Khatoon , Rajasthan University of Veterinary and Animal Sciences, India |
| 18:00 – 18:15 | OA 08.05 Transcriptomic variations between mild and severe reactions due to <i>Theileria parva</i> infection Prof. Kgomotso Sibeko-Matjila , University of Pretoria, South Africa |
| 18:15 – 18:30 | OA 08.06 Characterization of non-exposed and hidden antigens from the liver fluke <i>Fasciola hepatica</i> Dr. Ramon M. Eichenberger , Zurich University of Applied Sciences, Switzerland |
| 17:00 – 18:30 Ball Room-1 | Breakout Sessions Breakout 2: OA09 Tropical Parasites Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. Georgiana Deak, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania • Dr. Ruth Scimeca, Oklahoma State University, USA |
| 17:00 – 17:15 | OA 09.01 Animal schistosomes research in Chennai- Camera lucida to Phylogeny Prof. Jeyathilakan Narayanaperumal , Tamil Nadu Veterinary and Animal Sciences University, India |

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| 17:15 – 17:30 | OA 09.02 Progress on Sustainable Control of Goat Warble Fly Infestation in Union Territory of Jammu and Kashmir, North India Prof. Anish Yadav , Sher-e-kashmir University of Agricultural Sciences and Technology of Jammu, India |
| 17:30 – 17:45 | OA 09.03 Molecular identification, associated risk factors and phylogenetic genetic characterization of tick borne haemoparasites amongst naturally infected sheep in North India: A first comprehensive report Dr. Biswa Ranjan Maharana , Lala Lajpat Rai University of Veterinary and Animal Sciences, India |
| 17:45 – 18:00 | OA 09.04 Identification of <i>Hepatozoon</i> and <i>Cercopithifilaria</i> in ticks infesting dogs of different regions of Iran Ms. Zahra Bahiraei , Bu-ali Sina University, Iran |
| 18:00 – 18:15 | OA 09.05 Diagnosis of canine and feline endo- and ectoparasites in the tropics: the new Standard Operating Procedures developed by TroCCAP Prof. Andrei Daniel Mihalca , Usamv Cluj-napoca, Romania |
| 18:15 – 18:30 | OA 09.06 Molecular detection of food-borne parasitic contamination in fresh vegetables from fresh markets in Eastern Thailand Dr. Chadaporn Nuchjangreed Gordon , Burapha Medical University, Thailand |
| 17:00 – 18:00 | Breakout Sessions |
| Meeting Room -2 | Breakout 3: OA10 Swine Parasites Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. Sam Mohan Arputham, MSPTM, Malaysia • Dr. Cristina Daniela Pop, USAMV Cluj-Napoca, Romania |
| 17:00 – 17:15 | OA 10.01 African Swine Fever Virus load in hematophagous dipterans collected in outbreaks from Romania: risk factors and implications Ms. Oana-Maria Balmoș , University of Agricultural Sciences and Veterinary Medicine, Romania |
| 17:15 – 17:30 | OA 10.02 Parasite infections in organic free-ranging pigs in Danish agroforestry systems Ms. Amalie Pedersen , University of Copenhagen, Denmark |
| 17:30 – 17:45 | OA 10.03 Monitoring of ivermectin residues in bovine and pork tissues Prof. Luis Alvarez , CIVETAN, Argentina |

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| 17:45 – 18:00 | <p>OA 10.04 Spatio-temporal patterns in the sero-prevalence of <i>Taenia solium</i> cysticercosis of pigs in the southern highlands of Tanzania</p> <p>Dr. Mwemezi Kabululu, Tanzania Livestock Research Institute (TALIRI), Tanzania</p> |
| 18:00 – 19:00 Grand Ball Room | <p>Session Chair:</p> <ul style="list-style-type: none"> • Dr. Bettina Schunack, Elango Animal Health, Germany <p>Speaker:</p> <p>IL 01.01 Changing the Paradigm: GI Helminth Efficacy Evaluation Through Non-Terminal Trials</p> <p>Dwight D. Bowman, Cornell University, Ithaca</p> |
| 19:00 – 20:00 Grand Ball Room | <p>MERCK Animal Health - Dinner Symposium</p> <p>Speaker</p> <p>Is yearly, injectable flea and tick protection possible?</p> <ul style="list-style-type: none"> • Jason Drake, MERCK, USA |

Scientific Programme

Tuesday, August 22, 2023

KL = Keynote Lecture

OA = Oral Abstract

PS = Poster Session

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| 09:00 – 11:00 Grand Ball Room | Session Chair: • Prof. Edwin Claerebout , Ghent University, Belgium |
| 09:00 – 10:00 | Speakers: KL 03.01 Tissue cyst forming coccidia-the prevailing scenario Prof. K. Devada , KVASU, India |
| 10:00 – 11:00 | KL 03.02 Trends and challenges in detecting endoparasites of veterinary significance Dr. Manigandan Lejeune , Cornell University, USA |
| 11:00 – 11:30 | Coffee Break |
| 11:30 – 13:15 Grand Ball Room | Breakout Sessions Breakout 1: OA11 Vector Borne Infections in companion animals Session Chair/Co Chair: • Dr. Prof. Alicia Rojas , University of Costa Rica, San Jose • Dr. Gopal P Bharkad , MAFSU, India |
| 11:30 – 11:45 | OA 11.01 Exploring the prevalence and genetic diversity of multiple zoonotic vector-borne diseases in pet dogs and cats of Hong Kong SAR; First molecular confirmation Prof. Olivier Sparagano , City University of Hong Kong |
| 11:45 – 12:00 | OA 11.02 Efficacy of a sarolaner/moxidectin/pyrantel (Simparica Trio®) for the prevention of <i>Thelazia callipaeda</i> eyeworm infection in dogs from endemic areas Dr. Marcos Antônio Bezerra Santos , University of Bari, Italy |
| 12:00 – 12:15 | OA 11.03 A report of canine testicular filarirosis caused by <i>Dirofilaria repens</i>-like species from Georgia, USA Dr. Manigandan Lejeune , Cornell University, USA |
| 12:15 – 12:30 | OA 11.04 <i>R. sanguineus</i> at its northern distribution edge: identification of ticks and detection of tick-borne pathogens in Hungarian dogs Prof. David Modry , Biology Centre of CAS, Czech Republic |
| 12:30 – 12:45 | OA 11.05 Prevention of heartworm infection in dogs using a combination of moxidectin, imidacloprid and praziquantel: a longitudinal field study Dr. Filipe Dantas-Torres , Fiocruz, Brazil |

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| 12:45 – 13:00 | <p>OA 11.06 Efficacy and safety of Felpreva, a spot-on formulation for cats containing Emodepside, Preziquantel and Tigolaner against experimental infestation with the Australian paralysis tick (<i>Ixodes holocyclus</i>) Norbert Mencke, Vetoquinol, Australia</p> |
| 13:00 – 13:15 | <p>OA 11.07 Efficacy and speed-of-kill of Simparica Trio® against global ticks in dogs, and the relevance to tick-borne diseases Dr. Thomas Geurden, Zoetis, USA</p> |
| 11:30 – 13:00 Ball Room-1 | <p>Breakout Sessions Breakout 2: OA12 Flea and Tick control Session Chair/Co Chair: <ul style="list-style-type: none"> • Prof. Rebecca Traub, University of Melbourne, Australia • Dr. Bojan Gajic, United Arab Emirates University, UAE </p> |
| 11:30 – 11:45 | <p>OA 12.01 Flea population growth by the numbers Dr. Robert Armstrong, Merck Animal Health, USA</p> |
| 11:45 – 12:00 | <p>OA 12.02 Ticks identification and Resistance of <i>Rhipicephalus microplus</i> to amitraz and ivermectin on livestock in Ecuadorian subtropical farms. Ms. Ximena Pérez-Otáñez, Université Catholique de Louvain, Belgium</p> |
| 12:00 – 12:15 | <p>OA 12.03 Functional and genetic comparison of <i>Ctenocephalides felis</i> and <i>Rhipicephalus sanguineus</i> isolates from different geographic regions Dr. Lea Heuer, MSD Animal Health Innovation GmbH, Germany</p> |
| 12:15 – 12:30 | <p>OA 12.04 Baiting Stray Dogs in Extraurban Area: Innovative Tools for an Integrated Control Dr. Elena Ciccone, University of Napoli Federico II, Italy</p> |
| 12:30 – 12:45 | <p>OA 12.05 In vitro and in vivo characterization of resistance to commercial acaricides in field isolates of economically important ticks from East and West Africa Mr. Alec Evans, Clinglobal, Mauritius</p> |
| 12:45 – 13:00 | <p>OA 12.06 The comparative efficacy of single active macrocyclic lactone (ML) drenches with a novel dual active ML plus levamisole injectable drench assessed through the use of faecal egg count reduction tests in cattle from Australia Dr. Sally Oswin, Zoetis, Australia</p> |

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| 11:30 – 13:00 Meeting Room -1 | Breakout Sessions Breakout 3: OA13 Molecular Tools to detect resistance against nematodes Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. Patric Vudricko, Makerere University, Uganda • Dr. Candela Canton, CIVETAN, Argentina |
| 11:30 – 11:45 | OA 13.01 Role of nematode ABCB transporters and their regulation in anthelmintic resistance Prof. Anne Lespine , INRAe, France |
| 11:45 – 12:00 | OA 13.02 In silico approach to screen phytochemicals active against 24 kDa excretory and secretory protein of Haemonchus contortus Dr. Muthu Sankar , Indian Veterinary Research Institute, India |
| 12:00 – 12:15 | OA 13.03 Pyrantel resistance in hookworms infecting dogs in Queensland, Australia Dr. Swaid Abdullah , The University of Queensland, Australia |
| 12:15 – 12:30 | OA 13.04 Comparison of ovine faecal Strongyle egg counts from an accredited laboratory and a rapid, on-site parasite diagnostic system utilising a smartphone app and machine learning Ms. Christiane O'Brien , Micron Agritech, Ireland |
| 12:30 – 12:45 | OA 13.05 Widespread multi-drug resistance of strongyle nematodes in German sheep but not cattle as revealed by faecal egg count reduction tests and nemabiome deep sequencing data Dr. Jürgen Krücken , Freie Universität Berlin, Germany |
| 12:45 – 13:00 | OA 13.06 ABC Transporters in Toxocara canis: identification, expression and anthelmintic efflux activity Dr. Jeba Jesudoss Chelladurai , Kansas State University-CVM, USA |
| 11:30 – 13:00 Meeting Room -2 | Breakout Sessions Breakout 4: OA14 Alternative treatment for parasites of ruminants Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. Carlos Lanusse, CONICET, Argentina • Dr. Ranju Manoj, Cornell University, USA |
| 11:30 – 11:45 | OA 14.01 First guide for the responsible and prudent use of anthelmintic chemicals to help control anthelmintic resistance in grazing livestock species by the World Organisation for Animal Health (founded as OIE) Dr. Andres Garcia Campos , World Organisation for Animal Health, France |

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| 11:45 – 12:00 | <p>OA 14.02 The Migration Trap Assay: A high-throughput screening and diagnostic tool that can detect early resistance in <i>Haemonchus contortus</i></p> <p>Dr. Thomas Duguet, Invenesis, Switzerland</p> |
| 12:00 – 12:15 | <p>OA 14.03 Microfluidic encapsulation of potent anthelmintic essential oil components for post-ruminal delivery to combat sheep haemonchosis</p> <p>Dr. Mohamed Abdelmoghny Ramadan Helal, National Research Centre, Egypt</p> |
| 12:15 – 12:30 | <p>OA 14.04 Investigating the antiparasitic potential of biorefined red clover (<i>Trifolium pratense</i>) and identification of active compound(s)</p> <p>Mr. Geng Pan, University of Copenhagen, Denmark</p> |
| 12:30 – 12:45 | <p>OA 14.05 <i>In vitro</i> anthelmintic effect and phytochemical screening of Piper betel on <i>Haemonchus contortus</i></p> <p>Dr. Manaswini Dehuri, Odisha University of Agriculture & Technology, India</p> |
| 12:45 – 13:00 | <p>OA 14.06 Importance of Nitroxynil for Control of Resistant Liver Fluke and Barbers Pole Worm in Australian Beef Cattle</p> <p>Dr. Luc DUREL, Virbac S.A., France</p> |
| 13:00 – 14:30 | Lunch Break |
| 14:30 – 15:30 Grand Ball Room | <p>Session Chair</p> <ul style="list-style-type: none"> Dr. Manigandan Lejuene, Cornell University, USA <p>Speaker</p> <p>KL 03.03 Dromedaries' (<i>Camelus dromedarius</i>) ticks. A one-health perspective</p> <p>Prof. Mohamed Gharbi, National School of Veterinary Medicine of Sidi Thabet, Tunisia</p> |
| 15:30 – 16:00 | Coffee Break |
| 16:00 - 17:30 Grand Ball Room | <p>Breakout Sessions</p> <p>Breakout 1: OA15 Ruminant Parasites</p> <p>Session Chair/Co Chair:</p> <ul style="list-style-type: none"> Prof. Banie Penzhorn, University of Pretoria, South Africa Dr. Roxanne Charles, The University of the West Indies |
| 16:00 – 16:15 | <p>OA 15.01 Application of quantitative proteomics to discover biomarkers for tick resistance in cattle</p> <p>Dr. Ali Razi, The University of Queensland, Australia</p> |

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| 16:15 – 16:30 | <p>OA 15.02 Efficacy of injectable eprinomectin (Eprecis® 20 mg/mL) for the treatment of larval <i>Oestrus ovis</i> infestation in naturally infected sheep Dr. Smaragda Sotiraki, Veterinary Research Institute Hellenic Agricultural Organisation (elgo-dimitra), Greece</p> |
| 16:30 – 16:45 | <p>OA 15.03 Control of <i>Amblyomma sculptum</i> with <i>Metarhizium anisopliae</i> IBCB425 in the Roberto Burle Marx Park, São José dos Campos, São Paulo, Brazil – Into the Third Parasitic Cycle. Dr. Paulo Henrique Selbmann Sampaio, Instituto Biológico, Brazil</p> |
| 16:45 – 17:00 | <p>OA 15.04 World Association for the Advancement of Veterinary Parasitology (WAAVP) guidelines for diagnosing anthelmintic resistance using the fecal egg count reduction test in ruminants, horses and swine Dr. Martin Nielsen, University of Kentucky, USA</p> |
| 17:00 – 17:15 | <p>OA 15.05 Immune responses of first grazing season heifers naturally exposed to <i>Dictyocaulus viviparus</i>. Ms. Grisial Roberts, University of Liverpool, UK</p> |
| 17:15 – 17:30 | <p>OA 15.06 Is <i>Chorioptes texanus</i> to displace <i>Chorioptes bovis</i>? A note on the mites causing bovine chorioptic mange in central Europe Dr. Steffen Rehbein, Boehringer Ingelheim Vetmedica GmbH, Germany</p> |
| 17:30 – 17:45 | <p>OA 15.07 Specific levels of IgA as biomarker for gastrointestinal nematode infections under natural conditions in different sheep breeds Ms. Veronica Castilla Gomez de Agüero, en Instituto de Ganadería de Montaña, Spain</p> |
| 16:00 - 17:30 Ball Room - 1 | <p>Breakout Sessions Breakout 2: OA16 Trematodes Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. Rajat Garg, ICAR – IVRI, India • Ms. Lucia Anettová, Masaryk University, Czechia </p> |
| 16:00 – 16:15 | <p>OA 16.01 The use of Cathepsin L1 (FhCL1) blood-tests ELISA in sentinel screening for liver fluke on sheep farms Ms. Amanda Mc Evoy, Teagasc, Ireland</p> |
| 16:15 – 16:30 | <p>OA 16.02 Evaluation of a recombinant <i>Fasciola hepatica</i> cathepsin L1 ELISA for Swiss horses Dr. Ramon M. Eichenberger, Zurich University of Applied Sciences, Switzerland</p> |

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| 16:30 – 16:45 | <p>OA 16.03 Development and Evaluation of a Colloidal Gold Immunofiltration Assay for Diagnosis of Visceral Schistosomiasis in Cattle Dr. Shivani Mamane, TANUVAS, India</p> |
| 16:45 – 17:00 | <p>OA 16.04 Geographical expansion of <i>Fasciola hepatica</i> (Linnaeus, 1758) in Brazil driven by changes in land use and cover: a disturbing One Health picture Dr. Marcelo Molento, Universidade Federal do Parana, Brazil</p> |
| 17:00 – 17:15 | <p>OA 16.05 Comparison of Mini-FLOTAC, Flukefinder and sedimentation techniques for detection and quantification of <i>Fasciola hepatica</i> and <i>Calicophoron daubneyi</i> eggs using spiked and naturally infected bovine faecal samples Dr. Lavinia Ciuca, University of Naples Federico II, Italy</p> |
| 17:15 – 17:30 | <p>OA 16.06 Co-culture with HepG2 spheroids spurs in vitro growth and development of the infective stages of the helminth pathogen <i>Fasciola hepatica</i> Dr. Nichola Calvani, University of Galway, Ireland</p> |
| 16:00 - 17:30 Meeting Room-1 | <p>Breakout Sessions Breakout 3: OA17 Parasite Vaccines Session Chair/Co Chair:</p> <ul style="list-style-type: none"> • Prof. Alicja Tabor, The University of Queensland, Australia • Dr. Suresh Jadhao, MAFSU, India |
| 16:00 – 16:15 | <p>OA 17.01 Interactions between gut microbiome and nematode parasites in sheep Dr. Carlos Lanusse, Conicet, Argentina</p> |
| 16:15 – 16:30 | <p>OA 17.02 The development of an Australian <i>Tritrichomonas foetus</i> inactivated vaccine. Prof. Alicja Tabor, The University of Queensland, Australia</p> |
| 16:30 – 16:45 | <p>OA 17.03 Development and validation of a <i>Rhipicephalus microplus</i> challenge model specifically for use to evaluate anti-tick vaccines in cattle. Mr. Julian Liebenberg, Clinvet, South Africa</p> |
| 16:45 – 17:00 | <p>OA 17.04 The translationally controlled tumor protein (TCTP) of <i>Babesia bovis</i> participates in the establishment of an acute infection and contains B-cell epitopes that induce neutralizing antibodies Prof. Juan Mosqueda, Autonomous University of Queretaro, Mexico</p> |

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| 17:00 – 17:15 | OA 17.05 Assessing vaccine candidates for <i>Onchocerca volvulus</i> and their associated immune responses using a bovine – <i>Onchocerca ochengi</i> natural infection model Dr. John Graham-Brown , University of Liverpool, UK |
| 17:15 – 17:30 | OA 17.06 Reduced faecal egg output after vaccination with a recombinant <i>Ostertagia ostertagi</i> glycoprotein in cattle Prof. Edwin Claerebout , Ghent University, Belgium |
| 16:00 - 17:30 Meeting Room-2 | Breakout Sessions Breakout 4: OA18 Novel Diagnostics I Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. Nor Azlina, UPM, Malaysia • Dr. Gajanan M Chigure, MAFSU, India |
| 16:00 – 16:15 | OA 18.01 Eprinomectin-resistant <i>H. contortus</i> in collective summer pastures: spread the word, not the worm. Ms. Sophie Jouffroy , Ecole Nationale Vétérinaire De Toulouse/ceva/inrae, France |
| 16:15 – 16:30 | OA 18.02 Detection and culling of superspreaders can help to control bovine besnoitiosis Ms. Julie Petermann , National Veterinary School of Toulouse, France |
| 16:30 – 16:45 | OA 18.03 Comparing 18s rDNA, COI and ITS1 metabarcoding for bovine <i>Eimeria</i> species diversity. Dr. Venkateswara Rao Parimiseti , University of Calgary, Canada |
| 16:45 – 17:00 | OA 18.04 Identification and phylogenetic analysis of forensically significant <i>Chrysomya bezziana</i> and <i>C. megaacephala</i> based on cytochrome oxidase I and II genes in Tamil Nadu, India Dr. Chinnaiyan Soundararajan , TANUVAS, India |
| 17:00 – 17:15 | OA 18.05 A novel system for anti-parasitic drug delivery Prof. Alexander G. Maier , Australian National University, Australia |
| 17:15 – 17:30 | OA 18.06 Quantitative detection of <i>Theileria haneyi</i> infections in South Africa Dr. Raksha Bhoora , University of Pretoria, South Africa |
| 18:00 – 19:00 | WAAVP AFRICAN NETWORK SYMPOSIUM Grand Ball Room |
| 19:00 – 20:30 | WAAVP AFRICAN NETWORK – Dinner |

Scientific Programme

Wednesday, August 23, 2023

KL = Keynote Lecture

OA = Oral Abstract

PS = Poster Session

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| 09:30 – 11:30 Grand Ball Room | Session Chair: • Prof. Jan Slapeta, University of Sydney, Australia |
| 09:30 – 10:30 | Speakers: KL 04.01 Spread of Multi Acaricide resistant ticks- a global problem Dr. Srikant Ghosh, Indian Veterinary Research Institute, India |
| 10:30 – 11:30 | KL 04.02 Barcoding of parasites: microscopic vs. genetic identification Prof. Alicia Rojas, University of Costa Rica, San Jose |
| 11:30 – 12:00 | Coffee Break |
| 12:00 – 13:30 Grand Ball Room | Breakout Sessions Breakout 1: OA19 Flies and fly control Session Chair/Co Chair: • Dr. Norbert Mencke, Vetoquinol, Australia • Ms. Orla Byrne, University College Dublin, Ireland |
| 12:00 – 12:15 | OA 19.01 A novel clade of bat-associated Bartonella detected in the bat fly <i>Leptocyclopodia ferrari</i> (Diptera: Nycteribiidae) parasitizing <i>Cynopterus brachyotis</i> (Chiroptera: Pteropodidae) Dr. Van Lun Low, Universiti Malaya, Malaysia |
| 12:15 – 12:30 | OA 19.02 Providing Better Understanding of Climate and Environmental Drivers of Sand Fly Borne Diseases – The Climos Project Prof. Eduardo Berriatua, University of Murcia, Spain |
| 12:30 – 12:45 | OA 19.03 Updates on the blood source preferences and pathogen load in two sand fly species (Diptera: Psychodidae) in Romania Dr. Cristina Daniela Pop, USAMV Cluj-Napoca, Romania |
| 12:45 – 13:00 | OA 19.04 Potential distribution of <i>Chrysomya</i> flies in India based on bioclimatic variables through a MaxEnt modeling approach Dr. Gajendra Bhangale, Maharashtra Animal and Fishery Sciences University, India |

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| 13:00 – 13:15 | <p>OA 19.05 Molecular identification of <i>Culicoides</i> species and host preference blood meal in the African horse sickness outbreak-affected area in Hua Hin district, Prachuap Khiri Khan province, Thailand Dr. Ketsarin Kamyengkird, Kasetsart University, Thailand</p> |
| 13:15 – 13:30 | <p>OA 19.06 Pyrethroid resistance in stable flies (<i>Stomoxys calcitrans</i>) in Germany: Phenotypic characterization and genotype quantification using deep amplicon sequencing Ms. Ricarda Daher, Federal Office of Consumer Protection and Food Safety (BVL), Germany</p> |
| 12:00 – 13:30 Ball Room-1 | <p>Breakout Sessions Breakout 2: OA20 Zoonoses & One Health I Session Chair/Co Chair:</p> <ul style="list-style-type: none"> • Dr. MD Talukder, Bangladesh Agricultural University • Ms. Judit Serrat, Institute of Natural Resources and Agrobiology of Sala, Spain |
| 12:00 – 12:15 | <p>OA 20.01 Reptiles as paratenic host and sentinel for <i>Angiostrongylus cantonensis</i> in Macaronesian island Tenerife. Ms. Lucia Anettová, Masaryk University, Czech Republic</p> |
| 12:15 – 12:30 | <p>OA 20.02 Epidemiology of <i>Leptospira</i> like spp. from environment and animal reservoirs in Peninsular Malaysia Prof. Siti Nursheena Mohd Zain, Universiti Malaya, Malaysia</p> |
| 12:30 – 12:45 | <p>OA 20.03 Tracing the origins of <i>Echinococcus multilocularis</i> in Hokkaido, Japan: genetic validation of a historical hypothesis Mr. Naoki Hayashi, Hokkaido University, Japan</p> |
| 12:45 – 13:00 | <p>OA 20.04 Alternative drugs for the control of the strongyloidiasis in humans and animals Dr. María Martínez-Valladares, University of Leon, Spain</p> |
| 13:00 – 13:15 | <p>OA 20.05 Zoonotic microorganisms and parasites associated to reptiles in the markets of Marrakech, Morocco Dr. Jairo Alfonso Mendoza Roldan, University of Bari, Italy</p> |
| 13:15 – 13:30 | <p>OA 20.06 Practices Facilitating the Spread of Zoonotic Soil-Transmitted Helminths: Perspective from the Pet owners Prof. (Dr.) V. Chengalva Rayulu, Sri Venkateswara Veterinary University, India</p> |

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| 12:00 – 13:30 Meeting Room-1 | Breakout Sessions Breakout 3: OA21 Wildlife & Aquatic Parasites Session Chair/Co Chair: <ul style="list-style-type: none"> • Prof. Luis Alvarez, CIVETAN, Argentina • Dr. Jeba Jesudoss Chelladurai, Kansas State University, USA |
| 12:00 – 12:15 | OA 21.01 Respiratory and cardio-vascular parasites infecting carnivores in Algeria: preliminary results Dr. Georgiana Deak , University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania |
| 12:15 – 12:30 | OA 21.02 Into the large ears: nematodes, mites, and bacteria associated with otitis externa in Asian elephants (<i>Elephas maximus</i>) Dr. Marcos Antônio Bezerra Santos , University of Bari, Italy |
| 12:30 – 12:45 | OA 21.03 Morphological and molecular detection of <i>Mansonella</i> sp. and associated <i>Wolbachia</i> endosymbionts in ring-tailed coatis (<i>Nasua nasua</i>) in urban areas from Midwestern Brazil Dr. Livia Perles , Unesp, Brazil |
| 12:45 – 13:00 | OA 21.04 Helminth community of loggerhead sea turtles <i>Caretta caretta</i> in a neritic feeding ground in the mediterranean sea Dr. Erica Marchiori , University of Padua, Italy |
| 13:00 – 13:15 | OA 21.05 Gastrointestinal parasites in non-human primates in zoological gardens in Northern Italy Dr. Erica Marchiori , University of Padua, Italy |
| 12:00 – 13:30 Meeting Room-2 | Breakout Sessions Breakout 4: OA22 Zoonoses & One Health II Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. Ayodele O. Majekodunmi, FAO ECTAD, Nigeria • Dr. J.B. Solanki, Kamdhenu University, India |
| 12:00 – 12:15 | OA 22.01 Occurrence of commensal intestinal protista, <i>Blastocystis</i> sp., in a Gut-Healthy Human Population and Their Animals in the Czech Republic Ms. Zuzana Lhotská , The Czech Academy of Sciences, České Budějovice, Czechia |
| 12:15 – 12:30 | OA 22.02 A Survey of the Occurrence of <i>Giardia Intestinalis</i> in the Gut-Healthy human population Ms. Kristýna Brožová , The Czech Academy of Sciences, České Budějovice, Czechia |

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| 12:30 – 12:45 | OA 22.03 "<i>Taenia solium</i> cysticercosis and taeniosis reporting challenges in the current medical and veterinary disease reporting systems in Tanzania." Dr. Fredy Mlowe , Illeje District Council, Tanzania |
| 12:45 – 13:00 | OA 22.04 Diagnosis of cystic echinococcosis in buffaloes using lateral flow through (LFT) assay Prof. Sangaran Arumugam , TANUVAS, India |
| 13:00 – 13:15 | OA 22.05 Bacterial Microbiota associated with <i>Rhipicephalus sanguineus sensu lato</i> (Acari: Ixodidae) ticks from Tamil Nadu Dr.A. Aruljothi , TANUVAS, India |
| 13:30 – 14:30 | Lunch Break |
| 14:30 – 16:00 | WAAVP General Business Meeting & Award Ceremonies Grand Ball Room |
| 16:00 – 16:30 | Coffee Break |
| 16:30 – 17:30 Grand Ball Room | Session Chair • Prof. Andrei Mihalca , USAMV – Cluj - Napoca, Romania Speaker: KL 04.03 Back to the future: brown dog ticks as we know it Prof. Jan Slapeta , University of Sydney ID, Australia |
| 17:30 – 19:00 Grand Ball Room | Satellite Symposium by VIRBAC |
| 17:30 – 18:15 | Introduction to the bovine tropical theileriosis Prof. Mohamed Gharbi , National School of Veterinary Medicine of Sidi Thabet, Tunisia |
| 18:15 – 19:15 | Diagnosis of bovine tropical theileriosis Dr. Sunil W. Kolte , Maharashtra Animal and Fishery Sciences University, India |
| 19:00 – 20:30 | Dinner |

Scientific Programme

Thursday, August 24, 2023

KL = Keynote Lecture

OA = Oral Abstract

PS = Poster Session

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| 09:00 – 11:00 Grand Ball Room | Session Chair • Dr Filipe Dantas-Torres , Aggeu Magalhaes Institute, Brazil |
| 09:00 – 10:00 | Speakers KL 05.01 Direct and indirect effects of climate change on parasite transmission Prof. Eric Morgan , Queen's University, Belfast, UK |
| 10:00 – 11:00 | KL 05.02 Parasite diversity in marine mammals: between pathogens and indicators of aquatic environment health Prof. Federica Marcer , University of Padua, Italy |
| 11:00 – 11:30 | Coffee Break |
| 11:30 – 12:45 Grand Ball Room | Breakout Sessions Breakout 1: OA23 Protozoan Parasites Session Chair/Co Chair: • Prof. Arve Lee Willingham , United Arab Emirates, UAE • Dr. Livia Perles , UNESP, Brazil |
| 11:30 – 11:45 | OA 23.01 The Key Molecular Biological Characteristics between <i>Trypanosoma musculi</i> and <i>Trypanosoma lewisi</i> Prof. Zhao-Rong Lun , Sun Yat-Sen University, China |
| 11:45 – 12:00 | OA 23.02 Identification of a novel host-parasite interaction in <i>Theileria annulata</i> Dr. Anand Srivastava , National Institute of Animal Biotechnology, India |
| 12:00 – 12:15 | OA 23.03 <i>Tritrichomonas foetus</i> long read genome sequencing methods Prof. Alicja Tabor , The University of Queensland, Australia |
| 12:15 – 12:30 | OA 23.04 The potential of <i>Rhipicephalus microplus</i> as a vector of <i>Ehrlichia ruminantium</i> in West Africa Dr. Abel Biguezoton , Centre International De Recherche-d' developpement Sur L'elevage En Zone Subhumide (cirdes), Tunisia |
| 12:30 – 12:45 | OA 23.05 Improving the Purification Methodology of the <i>Eimeria tenella</i> Oocyst for Sporulation Recovery Dr. Juriah Kamaludeen , Universiti Putra Malaysia, Malaysia |

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| 11:30 – 12:45 Ball Room-1 | Breakout Sessions Breakout 2: OA24 Education in Veterinary Parasitology Session Chair/Co Chair: <ul style="list-style-type: none"> • Dr. Grace Mulcahy, University College Dublin, Ireland • Dr. Martin Nielsen, University of Kentucky, USA |
| 11:30 – 11:45 | OA 24.01 Adoption of Virtual Reality as an Intrinsically Motivating Learning Tool in Parasitology Dr. Sarah Preston , Federation University, Australia |
| 11:45 – 12:00 | OA 24.02 Are Australian Veterinarians Prepared to Diagnose and Treat Canine Monocytic Ehrlichiosis? Dr. Charlotte Oskam , Murdoch University, Australia |
| 12:00 – 12:15 | OA 24.03 Isolation of endo- and ectoparasites from zoological gardens for a forty year period in Peninsular Malaysia. Prof. Vellayan Subramaniam , Universiti Teknologi Mara, Malaysia |
| 12:15 – 12:30 | OA 24.04 WAAVP Education Sub-Committee: challenges and opportunities in Veterinary Parasitology Dr. Georgiana Deak , University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania |
| 12:30 – 12:45 | OA 24.05 26 Years of WAAVP African Foundation Scholarships (1997-2023): Next-Generation Veterinary Parasitologists are Unstoppable! Prof. Rosina Krecek , Independent Scholar, USA |
| 11:30 – 13:00 Meeting Room-1 | Breakout Sessions Breakout 3: OA25 Miscellaneous Parasites Session Chair/Co Chair: <ul style="list-style-type: none"> • Prof. Olivier Sparagano, City University of Hong Kong • Dr. Jurgen Krucken, Freie Universitat Berlin, Germany |
| 11:30 – 11:45 | OA 25.01 <i>In-vivo</i> efficacy of chalcones functionalized nanoparticles on <i>Plasmodium berghei</i> ANKA infected mice model and their mode of action. Dr. Shweta Sinha , Postgraduate Institute of Medical Education and Research, India |
| 11:45 – 12:00 | OA 25.02 Biosynthesis, Characterization and Anthelmintic Activity of Silver Nanoparticles of <i>Clerodendrum infortunatum</i> isolate Ms. Rima Majumdar , Cooch Behar Panchanan Barma University, West Bengal |

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| 12:00 – 12:15 | OA 25.03 Measuring Electron Transport Chain function for biological and drug discovery against apicomplexan parasites. Mr. SaiShyam Ramesh , Australian National University, Australia |
| 12:15 – 12:30 | OA 25.04 Blood parasites in a sample of wild Finnish moose (<i>Alces alces</i>) Oksanen, Dr. Antti , Finnish Food Authority (FINPAR), Finland |
| 12:30 – 12:45 | OA 25.05 Drug exposure induces gene expression changes in ivermectin-resistant <i>Teladorsagia circumcincta</i> Dr. Orla Keane , Teagasc, Ireland |
| 12:45 – 13:00 | OA 25.06 Epidemiological study of cephalopinosis in the United Arab Emirates Dr. Bojan Gajic , UAE University, UAE |
| 11:30 – 12:45 Meeting Room-2 | Breakout Sessions Breakout 4: OA26 Avian Parasites Session Chair/Co Chair: <ul style="list-style-type: none"> • Prof. Jairo Alfonso Mendoza Roldan, University of Bari, Italy • Ms. Grisial Roberts, University of Liverpool, UK |
| 11:30 – 11:45 | OA 26.01 Long-term efficacy of a drug-loaded polymeric device on lice-infested laying hens Dr. Carlos Lanusse , Conicet, Argentina |
| 11:45 – 12:00 | OA 26.02 In vitro comparative evaluation of occysticidal and sporulation inhibition effect of essential oils of <i>Trachyspermum ammi</i> and <i>Cymbopogon flexuosus</i> against <i>Eimeria tenella</i> Dr. Aditi Kalita , TANUVAS, India |
| 12:00 – 12:15 | OA 26.03 Phytogetic feed additive as an alternative method to control poultry red mites (<i>Dermanyssus gallinae</i>, De Geer, 1778) Dr. Jasna Bosnjak-Neumüller , PATENT CO., Serbia |
| 12:15 – 12:30 | OA 26.04 Assessment of <i>Eimeria</i> oocysts load in production animal fecal samples examined at the Cornell Animal Health Diagnostic Center, Ithaca, NY, USA Dr. Elisha Frye Cornell, Animal Health Diagnostic Center, USA |
| 12:30 – 12:45 | OA 26.05 Prevalence of Duck Parasites in Telangana State, India Prof. M. Udayakumar , PVNRTVU, India |
| 13:00 – 14:00 | Lunch Break |

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| 13:45 – 15:15 Grand Ball Room | Breakout Sessions Breakout 1: OA27 Canine & Feline Parasites Session Chair/Co Chair: <ul style="list-style-type: none"> • Prof. Eric Morgan, Queen's University Belfast, UK • Dr. Maria Martinez, University of Leon, Spain |
| 13:45 – 14:00 | OA 27.01 Molecular survey on non-apicomplexan vector-borne pathogens in domestic and wild felids in Romania Dr. Luciana-Catalina Rus (Panait) , University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania |
| 14:00 – 14:15 | OA 27.02 Prevalence, risk factors and clinical features of <i>Hepatozoon spp.</i> infections in domestic cats from the Mediterranean basin Ms. Mariaelisa Carbonara , University of Bari, Italy |
| 14:15 – 14:30 | OA 27.03 The “Chicão” project: a community-based initiative toward controlling canine vector-borne diseases Dr. Pedro Paulo De Abreu Teles , University of Bari, Italy |
| 14:30 – 14:45 | OA 27.04 Does <i>Hepatozoon canis</i>, which is common in African wild dogs (<i>Lyacon pictus</i>), negatively impact populations of this endangered canid? Penzhorn, Prof. Barend , University of Pretoria, South Africa |
| 14:45 – 15:00 | OA 27.05 Prevalence and risk factors associated with ectoparasites of owned dogs in two Caribbean islands Dr. Roxanne Charles , The University of The West Indies |
| 15:00 – 15:15 | OA 27.06 Do physical attributes of topical formulations impact how cat owners choose antiparasitic treatments? Dr. Andrea Wright , Zoetis, USA |
| 14:00 – 15:30 Ball Room - 1 | Breakout Sessions Breakout 2: OA28 Novel Diagnostics II Session Chair/Co Chair: <ul style="list-style-type: none"> • Prof. Eduardo Berriatua, University of Murcia, Spain • Dr. Raksha Bhoora, University of Pretoria, South Africa |
| 14:00 – 14:15 | OA 28.01 The revised WAAVP anthelmintic efficacy guidelines. Dr. Thomas Geurden , Zoetis, USA |
| 14:15 – 14:30 | OA 28.02 WAAVP Guidelines: Update on Progress and Discussion Dr. Silvina Fernandez , Faculty of Veterinary Sciences - UNCPBA, Argentina |

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| 14:30 – 14:45 | <p>OA 28.03 Characterization of the cytochrome P450 oxidoreductase in <i>Rhipicephalus microplus</i> ticks as a potential drug target Prof. Olivier Sparagano, City University of Hong Kong</p> |
| 14:45 – 15:00 | <p>OA 28.04 Morphological and molecular characterization of <i>Fasciola hepatica</i> and <i>Fasciola gigantica</i> phenotypes from co-endemic localities in Mpumalanga and KwaZulu-Natal provinces of South Africa Dr. Mokgadi Pulane Malatji, University of Kwazulu-natal, South Africa</p> |
| 15:00- 15:15 | <p>OA 28.05 Molecular characterization of the interplay between <i>Fasciola hepatica</i> juveniles and laminin as a mechanism to adhere to and break through the host intestinal wall Dr. Javier González-Miguel, IRNASA-CSIC, Spain</p> |
| 15:15 – 15:30 | <p>OA 28.06 Assessment of antibody response in Balb/c mice experimentally infected with <i>Toxocara canis</i> using two recombinant (rTc-CTL-1 and rTES-120) antigens Dr.K.T. Kavitha, TANUVAS, India</p> |
| 14:00 – 15:30 | Breakout Sessions |
| Meeting Room - 1 | <p>Breakout 3: OA29 Parasite Control Session Chair/Co Chair:</p> <ul style="list-style-type: none"> • Dr. Ramon M. Eichenberger, Zurich University Of Applied Sciences, South Africa • Ms. Julie Petermann, National Veterinary School Of Toulouse, France |
| 14:00 – 14:15 | <p>OA 29.01 Pharmacokinetic and field efficacy evaluations of combined anthelmintic treatments to optimize control of resistant nematodes in cattle Dr. Candela Canton, CIVETAN, Argentina</p> |
| 14:15 – 14:30 | <p>OA 29.02 Albendazole resistance in <i>Fasciola hepatica</i>: surveillance in different areas of Spain and Argentina Prof. Luis Alvarez, CIVETAN, Argentina</p> |
| 14:30 – 14:45 | <p>OA 29.03 Building a community for sustainable management of livestock tick control and acaricide resistance mitigation Dr. Laetitia Lempereur, Food and Agricultural Organization, Italy</p> |
| 14:45– 15:00 | <p>OA 29.04 First occurrence of triclabendazole resistance in <i>Fasciola hepatica</i> on German sheep farms Dr. Jürgen Krücken, Freie Universität Berlin, Germany</p> |

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| 15:00 – 15:15 | OA 29.05 Resistance pattern to avermectins and milbemycins in current strains of Australian cattle nematodes Dr. Matthew Ball , Virbac Animal Health, Australia |
| 15:15 – 15:30 | OA 29.06 Screening of newly synthesized benzimidazole compounds with fasciolicidal properties Dr. Elora Valderas-García , University of Manchester, UK |
| 14:15 – 15:00 Meeting Room - 2 | Breakout Sessions Breakout 4: OA30 Tools for evaluating intestinal parasites of dogs and cats Session Chair/Co Chair: <ul style="list-style-type: none"> • Prof. Alexander G. Maier, Australian National University, Australia • Dr. Glory Enjong Mbah, University of Bamenda, Cameroon |
| 14:15 - 14:30 | OA 30.01 Assessment of voltage-gated calcium channel beta subunit gene of <i>Dipylidium caninum</i> as a diagnostic DNA marker for the early detection of praziquantel resistance in dogs Dr. Ranju Manoj , Cornell University, USA |
| 14:30 – 14:45 | OA 30.02 Clinical safety of a novel antiparasitic product for cats, and effectiveness of this spot on association of fipronil, moxidectin and praziquantel against nematodes, cestodes, fleas, otodectic and notoedric mange, and biting lice Dr. Breno Cayeiro Cruz , Ourofino Saúde Animal Ltda., Brazil |
| 14:45 – 15:00 | OA 30.03 The sublethal concentration of chlorine improves the cytotoxicity of <i>Acanthamoeba castellanii</i> Dr. Somayeh Bahrani , Shahid Chamran University of Ahvaz, Iran |
| 15:30 – 16:30 | Closing Ceremony Grand Ball Room |
| 16:30 – 17:00 | Coffee Break |
| 18:30 – 21:00 | Gala Dinner |

Poster Session 1
Monday, August 21, 2023
 Exhibit Hall, Royal Ball Room

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| Set up Time | 07:30 – 08:30 |
| Takedown Time | 17:00 – 19:00 |
| Display Hours | 10:00 – 19:00 |
| Poster Display with Authors Authors must be standing next to their posters during these times for questions | 16:30 – 19:00 |

Poster Presentation Theme and Track

Subject

Ruminants
 Arthropod borne parasitic diseases
 Antiparasitic drugs
 Alternative control methods
 Parasite epidemiology
 Novel Diagnostics & parasite control
 Host parasite relationship
 Drug resistance and management
 Equines & Swine
 One health/Parasitic zoonoses
 Molecular diagnostics
 Wildlife and exotics animals
 Companion animals
 Asian Parasitic Issues

PS01.01 Field efficacy study of a product containing fluazuron, cypermethrin and imidacloprid against *Rhipicephalus microplus* in Brazil

Dr. Santiago Jose Raggio, Biogénesis Bagó, Argentina

PS01.02 Morphological and Molecular identification of the brown dog tick *Rhipicephalus sanguineus sensu lato* in Tamil Nadu

Dr. A. Aruljothi, TANUVAS, India

PS01.03 Detection of *Cryptosporidium spp.* in cattle and buffalo calves from Central India

Dr. Suresh Jadhao, MAFSU, India

PS01.04 Dynamics of *Eimeria*, *Giardia* and *Cryptosporidium* excretion in faeces of Swiss fattening calves aged 19 to 65 days during the first 28 days after arrival and regrouping at the fattening farm

Dr. Hubertus Hertberg, University of Zurich, Switzerland

PS01.05 Occurrence of Amphotomiasis and fly bite associated skin lesions in Umbalachery cattle breed of Tamilnadu

Dr. Kundave VR, TANUVAS, India

PS01.06 Seroprevalence and molecular detection of bovine anaplasmosis in livestock and dairy farms of Bangladesh

Dr. MD Talukder, Bangladesh Agricultural University, Bangladesh

PS01.07 Bovine anaemia caused by *Theileria orientalis* group (BATOG: Is it a concern in Western Australia?

Dr. Charlotte Oskam, Murdoch University, Australia

PS01.08 myVBDmap, Real Time Mapping of Canine Vector-Borne Diseases

Dr. Damien Achard, Ceva Santé Animale, France

PS01.09 Hepcidin, iron status, and CBC of dogs with acute babesiosis and seropositive dogs

Prof. Vladimir Mrljak, University of Zagreb, Croatia

PS01.10 Assessment of pathogens associated with dog tick *Rhipicephalus sanguineus* of Mumbai region by Metagenomic profiling

Dr. Gopal Bharkad, MAFSU, India

PS01.11 Canine trypanosomiasis in some regions of Iran

Dr. Alireza Sazmand, Bu-Ali Sina University, Iran

PS01.12 First report of *Rickettsia asembonensis* in small ruminants

Dr. Tiong Kai Tan, Universiti Malaya, Malaysia

PS01.13 Adulticide susceptibility status of *Culex quinquefasciatus*, *Culex gelidus* and *Culex tritaeniorhynchus* from cattle farm in East Dagon Township, Yangon, Myanmar
Dr. Chen Chee Dhang, Universiti Malaya, Malaysia

PS01.14 Molecular diagnosis, phylogenetic study and microbiota identification of *Hyalomma* tick species from Saudi Arabia
Prof. Abdullah Alanazi, Shaqra University, Saudi Arabia

PS01.15 Invenesis: Discovering Innovative Solutions for Ectoparasite Control
Dr. Thomas Duguet, Invenesis, Switzerland

PS01.16 Efficacy of afoxolaner or the combination of afoxolaner with milbemycin oxime against *Otodectes cynotis* in naturally infested dogs
Prof. Elias Papadopoulos, Aristotle University of Thessaloniki, Greece

PS01.17 Comparative pharmacokinetics between two different doses of Doramectin (200 micrograms/kg and 220 micrograms/kg) in cattle
Dr. Santiago Jose Raggio, Biogénesis Bagó, Argentina

PS01.18 Screening of drug collections on *Caenorhabditis elegans* using the motility-based system wMicrotracker
Dr. Elora Valderas-García, University of Manchester, UK

PS01.19 Anti-*Theileria equi* activity of *Artemisia scoparia* methanolic extract and its purified lead molecules in in-vitro microaerophilus stationary phase (MASP) culture system
Dr. Sanjay Kumar, ICAR-National Research Centre on Equines, India

PS01.20 Albendazole Resistance in *A Fasciola Hepatica* Naturally Infected Sheep Flock and Alternative Treatments
Dr. María Martínez-Valladares, University of Leon, Spain

PS01.21 Evaluation of the antileishmanial effect of polyclonal antibodies and cationic antimicrobial peptides
Dr. Mahsa Esmailifallah, Isfahan University of Medical Sciences, Iran

PS01.22 Use of injectable ivermectin in treating nematodes parasites in laboratory rodents: experiences at laboratory animal facility and management (Lafam)
Prof. Vellayan Subramaniam, Universiti Teknologi Mara (uitm), Malaysia

PS01.23 Molecular identification of *Eimeria spp.* in Central India and efficacy of essential oil of Thymol as anticoccidial
Dr. Suresh Jadhao, MAFSU, India

PS01.24 In vitro evaluation of efficacy of herbal plant extracts and oils against *Explanatum explanatum*

Prof. Jeyathilakan Narayanaperumal, Tamil Nadu Veterinary and Animal Sciences University, India

PS01.25 Epidemiology of intestinal nematodes in Australian thoroughbred horses

Dr. Ghazanfar Abbas, The University of Melbourne, Australia

PS01.26 Indirect losses caused by ticks, using economic farm systems approach

Ms. Adriana Paucar, University of Liege, Belgium

PS01.27 Predicted distribution of Cattle Ticks *Rhipicephalus microplus* in Ecuador

Ms. Ximena Pérez-Otáñez, Université Catholique de Louvain, Belgium

PS01.28 Anaplasmosis: a widely distributed tick-borne infection in grazing small ruminants

Dr. Smaragda Sotiraki, Veterinary Research Institute Hellenic Agricultural Organisation (elgo-dimitra), Greece

PS01.29 Molecular characterization and phylogenetic analysis of *Theileria* and *Babesia* spp in Ixodid ticks of sheep and goats in Tamil Nadu, India

Prof. Selvarayar Arunkumar, Tamil Nadu Veterinary and Animal Sciences University, India

PS01.30 Prevalence of gastrointestinal nematodes in goat population in Poland

Dr. Marcin Mickiewicz, Warsaw University of Life Sciences, Poland

PS01.31 Repeatability of estimation of the proportion of gastrointestinal nematodes species by counting 100 subsequent larvae

Dr. Marcin Mickiewicz, Warsaw University of Life Sciences, Poland

PS01.32 Isolation of *Acanthamoeba* spp. from the milk used for calf feeding for the first time

Dr. Somayeh Bahrami, Shahid Chamran University of Ahvaz, Iran

PS01.33 Survey of Gastrointestinal Parasites of Cats and Dogs in Barbados and Nassau, Bahamas

Dr. Roxanne Charles, The University of The West Indies, West Indies

Poster Session 2

Tuesday, August 22, 2023

Exhibit Hall, Royal Ball Room

PS02.01 Phytochemical profile and anthelmintic effects of *Laurus nobilis* essential oil against the ovine nematode *Haemonchus contortus* and the murine helminth model *Heligmosomoides polygyrus*

Dr. Essia Sebai, National School of Veterinary Medicine, Tunisia

PS02.02 Assessment of the anthelmintic albendazole sulfoxide (*Ricobendazole*) at 2.5 and 3.75 mg/kg for the control of gastrointestinal parasites in naturally infected cattle in Argentina

Dr. Luis Fazio, FCV UNLP, Argentina

PS02.03 Efficacy of quinapyramine chloride and quinapyramine sulphate (Triquin) against *Trypanosoma equiperdum* infections in horses

Dr. Alireza Sazmand, Bu-Ali Sina University, Iran

PS02.04 Survey of the prevalence and control of parasites on goat farms in Ireland

Prof. Theo De Waal, University College Dublin, Ireland

PS02.05 Tafenoquine is a promising drug candidate for the treatment of canine babesiosis

Prof. Xuenan Xuan, Obihiro University of Agriculture and Veterinary Medicine, Japan

PS02.06 Development and validation of small animal models for onchocerciasis and loiasis microfilaricide discovery

Dr. Glory Enjong Mbah, The University of Bamenda, Cameroon

PS02.07 Economic Analysis of Anthelmintic on Body Weight Gain of Goat in Bangladesh

Dr. Sohag Talukder, Sylhet Agricultural University, Bangladesh

PS02.08 Assessing the performance of diagnostic tests for parasites in the absence of a gold standard: perspectives from a comparison of traditions in medical and veterinary parasitology

Prof. Matthew Denwood, University of Copenhagen, Denmark

PS02.09 Larvicidal activity of filamentous fungi against *Haemonchus contortus* in coprocultures and pasture parcels

Dr. Paulo Henrique Selbmann Sampaio, Instituto Biológico, Brazil

PS02.10 Prevalence and diversity of gastrointestinal parasites associated with diarrhea in buffalo calves under extensive Buffalo farming in Bangladesh

Mr. Khalilur Rahman, Bangladesh Agricultural University, Bangladesh

PS02.11 Non-invasive monitoring of parasite infections in free-range livestock
Ms. Amalie Pedersen, University of Copenhagen, Denmark

PS02.12 Multi-recombinant antigens-based ELISA for diagnosis of surra in equines
Dr. Rajender Kumar, ICAR-National Research Centre on Equines

PS02.13 Comparative study on a multi-parametric serological approach to feline *Leishmania* infection
Dr. Clara Lima, Faculty of Pharmacy, University of Porto, Portugal

PS02.14 Immunoprotection studies against *Fasciola hepatica* in sheep using two leucine aminopeptidases combined with nanoparticles based on saponins from *Quillaja Brasiliensis*.
Ms. Jackeline Checa, Universidad De La República, Uruguay.

PS02.15 Molecular confirmation of the coexistence of *Fasciola gigantica* and hybrid *Fasciola* based on multiplex PCR and PCR-RFLP methods in Bangladesh
Mr. Mohammad Manjurul Hasan, Bangladesh Agricultural University And Department Of Livestock Services, Bangladesh.

PS02.16 Insights into the diversity of tick-borne pathogens in ticks and zebu cattle from coastal Kenya
Mr. Joseph Oundo, International Centre of Insect Physiology and Ecology, Kenya

PS02.17 Phylogenetic relationship and genetic differentiation of *Toxocara vitulorum* in buffaloes (*Bubalus bubalis*) of Bangladesh
Mr. Hiranmoy Biswas, Bangladesh Agricultural University, Bangladesh

PS02.18 Role of hedgehogs in the life cycle of *Angiostrongylus cantonensis*
Ms. Anna Šípková, Faculty of Science Masaryk University

PS02.19 Elucidation of *Dirofilaria immitis* microfilarial development and its regulation using an in vitro model
Ms. Priyal Priyal, McGill University, Czechia

PS02.20 Study of the cross-talk between *Fasciola hepatica* juveniles and the epithelial intestinal cells of the host by transcriptomics in an in vitro model
Dr. Javier González-Miguel, IRNASA-CSIC, Spain

PS02.21 In vitro culture models for the study of the molecular interactions between *Fasciola hepatica* juveniles and the host cells encountered during their life cycle
Ms. Marta López-García, Institute of Natural Resources and Agrobiology of Salamanca IRNASA-CSIC, Spain

PS02.22 Set up of an in vitro platform for the study of the therapeutic potential of helminth molecules against viruses of human and veterinary importance
Ms. Judit Serrat, Laboratory of Helminth Parasites of Zoonotic Importance (ATENEA), Institute of Natural Resources and Agrobiology of Sala, Spain

PS02.23 An in vitro-adapted *Trypanosoma evansi* TEDC 953 strain is still infective in mice: histopathology aspect

Dr. Ketsarin Kamyengkird, Kasetsart University, Thailand

PS02.24 Differential gene expression response to acute and chronic *Cytauxzoon felis* infection in domestic cats (*Felis catus*)

Dr. Ruth Scimeca, Oklahoma State University, USA

PS02.25 Development of a molecular Acaricide Resistance Diagnostic Assay (ARDA) targeting synthetic pyrethroid resistance in *Rhipicephalus microplus*

Prof. Maxime Madder, Clinglobal, Mauritius

PS02.26 Targeted selective treatment at housing with injectable eprinomectin in French dairy cattle using a validated decision support system (TRI)

Dr. Damien Achard, Ceva Santé Animale, France

PS02.27 The relationship between resistance to acaricides and tick infestation in subtropical areas

Ms. Adriana Paucar, University of Liege, Belgium

PS02.28 Detection of acaricide resistance and role of metabolic enzymes in development of resistance in *Rhipicephalus microplus* ticks of Marathwada region, Maharashtra, India

Dr. Gajanan Chigure, MAFSU, India

PS02.29 Screening of benzimidazole resistance in cattle gastrointestinal nematodes using faecal egg count reduction test, nemabiome metabarcoding, and β -tubulin sequencing

Dr. Candela Canton, CIVETAN, Argentina

PS02.30 "Knowledge and practices on consumption of free-range chickens in selected rural communities of KwaZulu-Natal, South Africa, with focus on zoonotic transmission of *Toxoplasma gondii* and *Toxocara spp.*"

Prof. Samson Mukaratirwa, Ross University School Of Veterinary Medicine, West Indies

PS02.31 Study on the efficacy of the crude extract of *Holarrhena pubescens*, against common tapeworm infection of fowl.

Ms. Rachita Saha, Coochbehar Panchanan Barma University, India

PS02.32 Effect of crude ethanolic extract of *Schumannianthus dichotomus* (Roxb.) Gagnep. and its n-butanol fraction on some neuronal enzymes of the cestode *Raillietina sp.* of poultry.

Mr. Manjil Gupta, Coochbehar Panchanan Barma University, India

Poster Session 3

Wednesday, August 23, 2023

Exhibit Hall, Royal Ball Room

PS03.01 Strongyle infection and leukocyte populations in equines with pituitary pars intermedia dysfunction

Ms. Leni Horner, Federation University, Australia

PS03.02 A field study on German free-range and outdoor pig farms reveals no evidence for anthelmintic resistance in strongyle and ascarid gastrointestinal nematodes

Ms. Hannah Fischer Freie, Universität Berlin, Germany

PS03.03 Potential hybridization of *Fasciola hepatica* and *F. gigantica* in Africa – a scoping review

Ms. Sophy Nukeri, University of Kwazulu-natal, South Africa

PS03.04 Assessment of the risk of *Fasciola* and *Schistosoma* spp. cross-infection between livestock and wild mammals in Western Uganda

Ms. Daisy Namirembe, Mbarara university of science and technology, Uganda

PS03.05 Clinical trial of Deltamethrin pour-on (Deltanil®) on ticks of dromedaries (*Camelus dromedaries*)

Prof. Mohamed Gharbi, National School of Veterinary School of Medicine, Tunisia

PS03.06 Molecular identification of helminth parasites of the Heterakidae and Ascarididae families of free-ranging chickens from selected rural communities of KwaZulu-Natal province of South Africa.

Dr. Danisile Tembe, University of Kwazulu-natal, South Africa

PS03.07 Seroprevalence and slaughter house investigation of hydatid disease in cattle in Bangladesh

Mr. Md. Makshuder Zm, Bangladesh Agricultural University

PS03.08 Prevalence of Gastro-intestinal Parasites in and around Udgir city of Maharashtra

Shirale, Dr. Shridhar, Maharashtra Animal and Fishery Sciences University, India

PS03.09 Prevalence of *Amblyomma integrum* on wild elephants (*Elephas maximus*), wild bison (*Bos gaurus*), sloth bears (*Melursus ursinus*) and tiger (*Panthera tigris*) of Tamil Nadu, India

Dr. Chinnaiyan Soundararajan, Tamil Nadu Veterinary and Animal Sciences University, India

PS03.10 Hookworm Infections in a Tribal Village in Southern India – sampling people and animals

Ms. Malathi Manuel, Christian Medical College, India

PS03.11 Zoonotic endoparasites of rodents in Nahavand, West of Iran

Mr. Salman Zafari, Hamadan University of Medical Sciences, Iran

PS03.12 Prevalence and genetic characterization of *Toxoplasma gondii* strains isolated from 31 wild Passeriformes collected in North-Central Oklahoma

Dr. Ruth Scimeca, Oklahoma State University, USA

PS03.13 *Toxoplasma gondii* Seroprevalence in Individuals Occupationally Exposed to Livestock and Raw Meat: A Case-Control Study

Dr. Mahsa Esmailifallah, Isfahan University of Medical Sciences, Iran

PS03.14 Innovative devices and geospatial techniques for a high spatial resolution micro-epidemiology study of cystic echinococcosis in Mediterranean areas

Dr. Nicola Lattero, University Federico II Of Naples, Italy

PS03.15 Molecular identification of *Sarcocystis* from *Chlorocebus aethiops sabaues* in St Kitts

Dr. Mark Freeman, Ross University School of Veterinary Medicine, West Indies

PS03.16 *Angiostrongylus malaysiensis* in Gastropod and Rat Population at Recreational Parks of Kuala Lumpur, Malaysia

Ms. Suey Yee Low, Universiti Putra Malaysia, Malaysia

PS03.17 Limit of Detection (LoD) of a 16S rRNA gene amplicon sequencing assay for identification of tick-borne pathogens in human blood samples

Dr. Amanda Barbosa, Murdoch University, Australia

PS03.18 New Methods in Paleoparasitology and Their Importance

Ms. Negar Bizhani, Tehran University of Medical Sciences, Iran

PS03.19 *Onchocerca cervipedis* in a White-tailed Deer from New York

Dr. Timothy Wu, Cornell University College of Veterinary Medicine, USA

PS03.20 Helminth fauna of reptiles and health risks associated with their predation by pets

Ms. Mariaelisa Carbonara, University of Bari, Italy

PS03.21 *Babesia spp.* and *Rickettsia spp.* detected in *Amblyomma spp.* ticks from coatis (*Nasua nasua*) in midwestern Brazil

Dr. Livia Perles, Universidade Estadual Paulista, Brazil

PS03.22 First case of *Dirofilaria immitis* detected in a European badger (*Meles meles*) in Greece

Prof. Elias Papadopoulos, Aristotle University of Thessaloniki, Greece

PS03.23 Endoparasites of the European brown hare (*Lepus europaeus*) in Denmark

Dr. Helena Mejer, University of Copenhagen, Denmark

PS03.24 Parasitosis in captive wildlife: A study on the occurrence of gastrointestinal parasites

Dr. Jayesh B. Solanki, Kamdhenu University, India

PS03.25 My cat brought me a slithery “gift”: predation, parasites and zoonoses

Prof. Jairo Alfonso Mendoza Roldan, University of Bari, Italy

PS03.26 First report of the ectopic location of a female *Diocotophyme renale* in the vertebral canal of a female cat presented with ambulatory paraparesis, successfully diagnosed and treated by MRI and surgery.

Prof. Gabriela Perez Tort, Virreyes Veterinary Hospital, Argentina

PS03.27 One Health approach in tackling transboundary transmission towards zero human death by 2030

Dr. Vickneshwaran Muthu, Zoonosis Sector Disease Control Division, Malaysia

PS03.28 Prevalence of Blood Pathogens in Dogs in And Around Chennai

Prof. Vairamuthu Subbiah, TANUVAS, India

PS03.29 Current status of ticks in Asian flyway

Prof. Joon-Seok Chae, Seoul National University College of Veterinary Medicine, South Korea

PS03.30 Molecular detection of *babesia bigemna* in *Rhipicephalus (Boophilus)* microplus male ticks of bovines

Dr. Munagala Sree Vidhya, TANUVAS, India

PS03.31 Clinico-pathological evaluation of Babesia gitsoni associated renal failure in dogs

Dr. Munagala Sree Vidhya, TANUVAS, India

PS03.32 The efficacy of Simparica Trio® in the treatment of natural *Sarcoptes scabiei* and *Demodex canis* infestations in dogs

Dr. Pratik Pawar, Zoetis, India

PS03.33 Efficacy of Simparica® and Simparica Trio® in the prevention of transmission of Babesia canis by infected Dermacentor reticulatus ticks

Dr. Pratik Pawar, Zoetis, India

PS03.34 Prevalence of porcine cysticercosis in India appraised through meta-analysis and meta-regression

Dr. Gajendra Bhangale, Maharashtra Animal and Fishery Sciences University, India