

24th International Conference of the World Association for the Advancement of Veterinary Parasitology
Hosted by the Australian Society for Parasitology Inc.
CONFERENCE PROGRAMME

MONDAY 26 AUGUST

8.15-10.00

OPENING SESSION
Official Welcome to Country

Premier's Address and other VIPs

Chair: **Andrew Thompson**
WAAVP: The 50th anniversary in 2013 - history, achievements and future perspectives
Johannes Eckert
University of Zurich

Veterinary parasitology in Australia – a short history
Brown Besier
Department of Agriculture and Food Western Australia

Veterinary parasitology in Australia – a short history
Ian Beveridge
University of Melbourne

10.00-10.30

Morning tea

10.30-11.45

PLENARY SESSION: ONE HEALTH
Chair: Alan Lymbery
One world health: socioeconomic burden and parasitic disease control priorities
Paul Torgerson
University of Zurich

One world health: whose world, whose health?
Yaowalark Sukthana
Mahidol University

11.45-13.00	COMMERCIAL LIVESTOCK - GENERAL Room: Riverside Theatre Chair: Peter Rolf	IWAAP5 - FIFTH INTERNATIONAL WORKSHOP ON ARCTIC AND ANTARCTIC PARASITES Room: Meeting Room 1 Chair: Emily Jenkins	CONSERVATION AND WILDLIFE ECOLOGY Room: Meeting Room 2 Chair Stephanie Godfrey	HOST PARASITE RELATIONSHIPS 1 Room: Meeting Room 3 Chair: Michael Smout	FUNCTIONAL GENOMICS 1 Room: Meeting Room 5 Chair: Bernd Kalinna	DRUG TARGETED SELECTIVE TREATMENT Room: Meeting Room 6 Chair: Robert Dobson	HORSE PARASITES Room: Meeting Room 7 Chair: Gerald Coles	ONE HEALTH 1 Room: Meeting Room 8 Chair: Calum MacPherson
11.45-12.00	Achieving veterinary guided parasite control for sustainable veterinary practice. Rob Churchill Crookwell Veterinary Hospital	Echinococcus spp. in northern North America Emily Jenkins University of Saskatchewan	Age-related patterns of infection for an invasive fluke in free-ranging wapiti (Cervus canadensis) in Alberta, Canada Melissa Beck University of Lethbridge	Something's happenin' here: Apparent precocious excystation of Dicrocoelium dendriticum metacercariae in their ant intermediate host Doug Colwell Agriculture and Agri-Food Canada	HelmDB - getting more out of helminth transcriptomes Stefano Mangiola The University of Melbourne	The repeatability of FEC of horses and the implications for targeted selectivetreatment. Miriam Scheuerle Ludwig-Maximilians-Universität	Prevalent gastrointestinal parasites and most efficient deworming protocols in horses under hot dry climates Ghanem Al-Ghamdi Al Baha University	Investigating the suitability of dogs and pigs as animal models forblastocystosis Wenqi Wang The University of Queensland
12.00-12.15	Gastrointestinal nematodes and the technical efficiency of dairy farms Mariska Van Der Voort Institute for Agricultural and Fisheries Research	Lungworms in muskoxen in Norway - a potential threat with warmer climate? Inger Hammes Norwegian Veterinary Institute	Of macropods and nematodes: A novel technique for investigating host-parasite population dynamics Matthew Lott Macquarie University	The Angiostrongylus vasorum transcriptome provides deep insights into theparasite's biology and immunobiology, and prospects for new interventions Brendan Ansell University of Melbourne	The draft Trichuris suis genome Aaron Jex The University of Melbourne	Genetic evaluation of lambs subjected to a targeted selective treatmentanthelmintic regime Andrew Greer Lincoln University	Treatment of equine gastric habronemosis with moxidectin Rolf K. Schuster Central Veterinary Research Laboratory	Parasite contamination of sandpits in public parks and playgrounds in Korea Hee-Jeong Youn Seoul National University
12.15-12.30	An investigation into the current transmission pathway of Taenia ovis in Australia David Jenkins Charles Sturt University	Exploiting parallels between livestock and wildlife systems Hannah Rose University of Bristol	Behaviour, bettings and blood-suckers: using social network models to understand parasite transmission in wildlife populations Stephanie Godfrey Murdoch University	Cytokine expression in the placenta of cattle following inoculation withNeospora caninum throughout gestation Germán Cantón Moredun Research Institute	Organisation of cathepsin cysteine proteases within the Fasciola hepatica genome Krystyna Cwiklinski University of Liverpool	Different exposure indicators to pasture-borne nematodes as tools for selectiveanthelmintic treatment in adult dairy cattle Nadine Ravinet IDELE, French Livestock Institute	Efficacy of ivermectin, pyrantel and fenbendazole treatments against Parascaris equorum infection in foals in southern Australia Kristopher Hughes Charles Sturt University	Zoonotic Enterocytozoon in Thailand: surveillance in humans, domestic animals, and wildlife Hirotake Mori Mahidol University
12.30-12.45	Helminth neurobiology: Identifying the moving targets of cholinergic anthelmintics Richard Martin Iowa State University	Toxoplasma gondii in Scandinavian brown bears Krista Jones Hedmark University College	Trypanosomes and their ectoparasitic vectors on a translocated population of Australian marsupials Judy Dunlop Murdoch University	How does galectin-11 mediate gastrointestinal nematode resistance in sheep? Sarah Preston Monash University	Proteomics of the moulting process in Oesophagostomum dentatum Martina Ondrovics University of Veterinary Medicine Vienna	Can easy-to-measure indicators predict production responses to anthelmintictreatment in dairy cattle? Johannes Charlier Ghent University	Macrocyclic lactone resistance in cyathostomins and Parascaris equorum on Australian horse farms Anne Beasley University of Queensland	Echinococcus control requires dog population management David Heath DNA Investments Ltd
12.45-13.00	Gastrointestinal helminths of camels (Camelus dromedarius) in center of Iran Aiireza Sazmand Institute of Applied-Scientific Education of Jihad-E-Agriculture, MolaSadra Cent	(IWAAP Session) Accounting for detection probability improves Toxoplasma gondiiseroprevalence estimates in arctic foxes Emily Jenkins University of Saskatchewan	Blastocystis in West Australian Wildlife Unaiza Parkar Murdoch University	Neonatal porcine isosporosis does humoral immune response confer protection Anja Joachim Vetmeduni Vienna	RIO kinases of parasitic nematodes Bert Breugelmanns The University of Melbourne	A performance-based targeted selective anthelmintic treatment regime for grazingdairy calves Robin McAnulty Lincoln University	Equine strongylid egg re-appearance period after ivermectin or moxidectin treatment in Italy, the Netherlands and Belgium Donato Traversa University of Teramo	A cryptosporidiosis swimming pool associated outbreak in Kimberley, WesternAustralia Josephine Ng-Hublin Murdoch University
1300-1315					Functional characterisation of S. mansoni egg-secreted proteins usinglentivirus-delivered microRNAs Bernd Kalinna The University of Melbourne	Use of a persistent anthelmintic injection to promote stimulation of a host response to intestinal nematodes in calves Peter Pulford Virbac New Zealand Ltd	Equine parasites commonly anthelmintic resistant in Finland Antti Oksanen Finnish Food Safety Authority Evira	Differences in in vitro sensitivity and accumulation of anthelmintics in Trichuris suis and Oesophagostomum dentatum A/Prof Peter Nejsum University of Copenhagen

Lunch Sponsored by Bayer Healthcare								
13.00-14.00								
14.00-15.15	ACIAR - PARASITE CONTROL AND LIVESTOCK PRODUCTION IN SE ASIA Room: Riverside Theatre Chair: Douglas Gray	PARASITES AND CLIMATE CHANGE Room: Meeting Room 1 Chair: Tommy Leung	ONE HEALTH - CRYPTOSPORIDIUM AND GIARDIA Room: Meeting Room 2 Chair: Una Ryan	ECOLOGY AND EPIDEMIOLOGY - LIVESTOCK Room: Meeting Room 3 Chair: David Emery	PARASITE ZOOSES AND TROPICAL MEDICINE Room: Meeting Room 5 Chair: Santiago Mas-Coma	SCYNEXIS - THE INNOVATIVE SOLUTIONS FOR PARASITICIDE DRUG DISCOVERY Room: Meeting Room 6 Chair: Kerrie Powell	COMMERCIAL LIVESTOCK - CATTLE Room: Meeting Room 7 Chair: Brenda Ralston	INTERNATIONAL COMMISSION ON TRICHINELLOSIS Room: Meeting Room 8 Chair: Alvin Gajadhar
14.00-14.15	Epidemiology, impact and benefits of control, and vectors of surra affecting livestock in Mindanao, Philippines Alan Dargantes Central Mindanao University	More rapid and severe disease outbreaks for aquaculture at the tropics: implications for food security Tommy Leung University of New England	Exploring the variome of human giardial parasites Aaron Jex The University of Melbourne	Application of a Geographical Information System to assess the spatial distribution of Fasciola hepatica infection in dairy cattle herds in Ireland Nikolaos Selemetas University College Dublin	Dogs, Zoonoses and Tropical Beaches Calum Macperhson St. George's University	Carbonic Anhydrase inhibitors as Antimalarials Gillian Fisher Griffith University	Dictyocaulus viviparus infection in adult dairy cows in France: abattoir survey and monitoring of faecal larval excretion and individual/tank milk MSP-ELISA in a high risk dairy farm Christophe Chartier ONIRIS	Assessment of freezing and other sample conditions on the performance of digestion assay for the recovery of Trichinella larvae Alvin Gajadhar Canadian Food Inspection Agency
14.15-14.30	Helminth control in Malaysia: Dealing with anthelmintic resistance Chandrawathani Panchadcharam IIPH Malaysia	Effects of climate change regarding survival and selection pressure of cattle parasites on pasture Friederike Knapp-Lawitzke Freie Universität Berlin	Assessing calves as carriers of Cryptosporidium and Giardia with zoonotic potential on dairy and beef farms within a water catchment area by mutation scanning Harshanie Abeywardena University of Melbourne	Assessing risk: Spatial trends and environmental risk factors for an emerging liver fluke of sympatric host species in Alberta, Canada Melissa Beck University of Lethbridge	Climate and Global Change Impacts on Vector-Borne Zoonotic Diseases in Europe Santiago Mas-Coma Universidad De Valencia	In vitro effects of novel ruthenium complexes in Neospora caninum and Toxoplasma gondii tachyzoites Andrew Hemphill University of Bern	Evaluating the presence of an emerging parasite, Toxocara vitulorum, in bison in western Canada Brent Wagner University of Saskatchewan	Distribution patterns and predilection muscles of Trichinella zimbabwensis larvae in experimentally infected Nile crocodiles (Crocodylus niloticus) Samson Mukaratirwa University of KwaZulu-Natal
14.30-14.45	Epidemiology of strongyle infections in small ruminants in three management systems in Malaysia Rehana Sani Universiti of Malaysia	Reduction in greenhouse gas emissions associated with sustainable worm control in lambs Philip Skuce Moredun Research Institute	One Health, wildlife and parasites Una Ryan Murdoch University	Prevalence and transmission of Theileria species in dairy cattle in Gippsland, Australia. Elizabeth Read LaTrobe University	Polyparasitism - the ecological complexities and impact of mixed infections RC Andrew Thompson Murdoch University	The effect of genetic and phenotypic diversity on the control of T. cruzi infection using drug interventions Catherine Perez Murdoch University	Epidemiology of Babesia ovata and clinical significance of coinfection with Theileria orientalis in cattle Thillaiampalam Sivakumar National Research Center for Protozoan Diseases	Evaluation of ELISA coupled with confirmatory testing as a surveillance tool for Trichinella infection in Australian wild boar Leigh Cuttell The University of Queensland
14.45-15.00	Trichinellosis in pigs and humans in northern Laos James Conlan Murdoch University	Review of geo-spatial sampling methods for parasite ecology and epidemiology studies Guy Hendrickx Avia-GIS	Molecular prevalence of Cryptosporidium infection in Graded Murrah buffalocalves in Andhra Pradesh state, India Ravipati Venu S. V. Veterinary University	The occurrence of Haemonchus placei in cattle in southern Western Australia – an unexpected finding Abdul Jabbar The University of Melbourne	Zoonotic Primate Malaria in Peninsular Malaysia: Identifying Hotspots of Infection Reuben Sharma University Putra Malaysia	Innovative solutions for parasiticide drug discovery Kerrie Powell SCYNEXIS	A hitherto undetected biosecurity breach leads to a Taenia saginata 'cysticercosis storm' in a New South Wales feedlot David Jenkins Charles Sturt University	Detection of Trichinella murrelli in an imported horse in Canada during routine certified testing of meat for export Brad Scandrett Canadian Food Inspection Agency
15.00-15.15	Zoonotic parasite transmission within a remote northern Laos village – implications for control and the one health concept Amanda Ash Murdoch University	Integrating host, parasite, climate, and management: global change and gastrointestinal nematodes Hannah Rose University of Bristol	Presence and molecular characterization of Giardia and Cryptosporidium in sheep, goats and horses in Greece Nikolaos Tzanidakis Veterinary Research Institute, Hellenic Agricultural Organization Demeter	The Importance of Soil as a Reservoir of Gastrointestinal Nematode Larvae of Sheep Sarah Groat University of New England	Iron Metabolism in Schistosomes: Insights for novel methods for diagnosis Malcolm Jones University of Queensland		The challenge of achieving Toxocara vitulorum and Fasciola gigantica control in developing tropical smallholder large ruminant farming systems: a case study from Laos Luzia Rast University of Sydney	Study on the prevalence of Trichinella spp. in the red fox population in Germany, 2011 Karsten Noeckler Federal Institute for Risk Assessment
15.15-15.45	Afternoon tea							

15.45-17.00	AQUACULTURE ANIMAL HEALTH - Novartis session Room: Riverside Theatre Chair: Barry Hosking	DIAGNOSTICS - FLUKES Room: Meeting Room 1 Chair: Terry Spithill	DRUGS AND DRUG RESISTANCE - CATTLE Room: Meeting Room 2 Chair: Jozef Vercruyse	DRUG EFFICACY - GENERAL Room: Meeting Room 3 Chair: Tom Kennedy	ONE HEALTH 2 Room: Meeting Room 5 Chair: Yaowalark Sukthana	VACCINES - GENERAL 1 Room: Meeting Room 6 Chair: Marshall Lightowers	VECTOR BORNE DISEASES - PIROPLASMS Room: Meeting Room 7 Chair: Banie Penzhorn	APICOMPLEXAN BIOLOGY 1 Room: Meeting Room 8 Chair: Nicholas Smith
15.45-16.00	Introduction and Overview Ronald Kaminsky <i>Novartis</i>	Development of recombinant antigen-based serological diagnosis for the detection of Schistosoma japonicum infection in water buffaloes Jose Ma. Angeles <i>Obihiro University of Agriculture</i>	Farmers' Dilemma - Which Expert to Believe Concerning Drug Resistance Jan Van Wyk <i>University of Pretoria</i>	Considerable heterogeneity of the Ca ²⁺ -activated and voltage-gated K ⁺ -channel SLO-1 between different clades of nematodes and the potential impact on the interaction of SLO-1 and emodepside Daniel Kulke <i>Freie Universität Berlin</i>	Novel and zoonotic Cryptosporidium species/genotypes identified in fish and goats Papua New Guinea Melanie Koinari <i>Murdoch University</i>	Is antigenicity of bovine lungworm vaccine candidates predictable by in vitro immune cell assays? Deborah Joekel <i>University of Veterinary Medicine Hannover</i>	Investigating the possible presence of Theileria parva carrier cattle in Mnisi area Chimwele Namantala Choopa <i>University of Pretoria</i>	Role of T Regulatory and Th17 Cell during Lethal Plasmodium berghei ANKA and Non-Lethal Plasmodium yoelii infection Tarun Keswani <i>University of Calcutta</i>
16.00-16.15	Parasitic Diseases in South East Asian Aquaculture Supraee Chinabut <i>Department of Fisheries</i>	Characterisation of IgE antibody responses to Anoplocephala perfoliata infection in horses. Gerald Coles <i>University of Bristol</i>	Anthelmintic resistance of cattle gastrointestinal nematodes in 4 European countries David Bartram <i>Zoetis</i>	Xenobiotic-metabolizing system in flukes with focus on phase 1 in Opisthorchis felinus (Trematoda, Platyhelminthes). Mariya Pakharukova <i>Institute of Cytology and Genetics SB RAS</i>	Blastocystis subtype distribution from a variety of animals including Australian native animals Tamalee Roberts <i>Sydney Path</i>	A proposed in silico vaccine discovery pipeline for Neospora caninum Stephen Goodswen <i>University of Technology Sydney</i>	Epidemiological survey of Theileria orientalis in cattle following theileriosis outbreaks in Victoria Piyumali Perera <i>University of Melbourne</i>	Plasmodium falciparum gametocytes: hiding out and growing up Katharine Trenholme <i>Queensland Institute of Medical Research</i>
16.15-16.30	The potential impact of alien invasive parasites on economically important freshwater fish species in the Eastern Cape, South Africa Kyle McHugh <i>North West University</i>	The identification of the rumen fluke, Calicophoron daubneyi, in livestock from the British Isles: Implications for epidemiology and diagnosis of liver fluke Philip Skuce <i>Moredun Research Institute</i>	Anthelmintic resistance in nematodes of beef cattle - results from a survey of Western Australian farms Jenny Cotter <i>Department of Agriculture and Food WA</i>	The Varroa Gate - a novel approach to protect honeybee colonies from Varroa destructor Klemens Krieger <i>Bayer Health Care</i>	Lethal Encephalitozoon cuniculi (genotype III) infection in Steppe lemmings (Lagurus lagurus) Lada Hofmannová <i>University of Veterinary and Pharmaceutical Science</i>	Investigations into cestode development and antigens that form the basis of recombinant vaccines in animal hosts Charles Gauci <i>University of Melbourne</i>	Genetic diversity and host specificity of Theileria equi and Babesia caballi in rural areas of eastern Romania Martina Gallusova <i>University of Veterinary and Pharmaceutical Sciences</i>	Plasmodium falciparum and Plasmodium vivax gametocyte clearance in Melanesian children determined by magnetic fractionation illustrates species-specific differences in malaria transmission Stephan Karl <i>University of Western Australia</i>
16.30-16.45	Comparison study of Clinostomum complanatum (Digenea: Clinostomatidae) in freshwater fish from Riau and Yogyakarta, Indonesia Kurniasih S. Tato <i>Gadjah Mada University</i>	Development of a quantitative DNA diagnostic test for liver fluke in sheep Jody McNally <i>CSIRO</i>	Effects of Ivermectin Long-acting Injection (IVOMEQ® GOLD) on Nematode Parasitism and Weight Gain in First-season Grazing Cattle in Bavaria, Germany Steffen Rehbein <i>Merial GmbH</i>	Efficacy of dinotefuran, permethrin and pyriproxyfen combination spot-on on dogs against Culex pipiens. Michel Franc <i>Ecole Nationale Vétérinaire</i>	One health in action: parasites transmitted among people, pets, wildlife, and the environment in remote and rural communities in Saskatchewan, Canada Emily Jenkins <i>University of Saskatchewan</i>	Vaccination of pigs and lambs against Toxoplasma gondii reduces tissue cyst formation; safer meat for human consumption. Alison Burrells <i>Moredun Research Institute</i>	Babesia lengau possibly incriminated in causing feline babesiosis in South Africa Banie Penzhorn <i>University of Pretoria</i>	Iron deposits in spleens and livers of malaria and schistosoma infected mice Tim St Pierre <i>The University of Western Australia</i>
16.45-17.00	Recent investigations into the aetiology of winter mortality disease in Sydney rock oysters (Saccostrea glomerata) Zoe Spiers <i>NSW Department of Primary Industries State Veterinary Diagnostic Laboratory</i>	Liver fluke: Evaluating coprological diagnostics in sheep Danielle Gordon <i>Moredun Research Institute</i>		Efficacy of a 10% imidacloprid / 4.5% flumethrin collar for preventing the transmission of Cytauxzoon felis by Amblyomma americanum to domestic cats Bob Arther <i>Bayer HealthCare, Animal Health</i>	Endoparasites in Eastern European stray dogs imported to Norway Inger Hamnes <i>Norwegian Veterinary Institute</i>	Neutrophil extracellular traps as innate immune reaction against the emerging apicomplexan parasite Besnoitia besnoiti Carlos Hermosilla <i>Justus Liebig University Giessen</i>	Detection of vector-borne pathogens by molecular methods in ticks and fleas infesting dogs in Albania Cornelia Silaghi <i>LMU Munich</i>	It's easy being green: carbon utilization in a photosynthetic sister of the apicomplexan parasites Christie Foster <i>The University of Sydney</i>
17.00-18.00	<p style="text-align: center;">PLATINUM SPONSOR SESSION: BAYER</p> <p style="text-align: center;">Long-term efficacy of an imidacloprid 10 % / flumethrin 4.5 % polymer matrix collar (Seresto®, Bayer) in dogs and its potential to prevent canine leishmaniasis in a hyper-endemic Domenico Otranto <i>University of Bari</i></p> <p style="text-align: center;">Prevention of tick-borne diseases in dogs using an imidacloprid / flumethrin collar Filipe Dantas-Torres <i>Aggeu Magalhães Research Centre (Fiocruz-PE)</i></p>							
1800 - 1930	Happy Hour (POSTER VIEWING)							

TUESDAY 27 AUGUST								
8.30-9.45	PLENARY SESSION: COMPANION ANIMALS - CHALLENGES FOR THE FUTURE Chair: Robin Gasser Future challenges for parasitology: vector control and one health in the Americas Susan Little <i>Oklahoma State University</i> Future challenges for parasitology: vector control and one health in Europe Norbert Mencke <i>Bayer - Germany</i>							
9.45-10.15	Morning tea							
10.15-11.30	GENETIC IMMUNITY Room: Riverside Theatre Chair: Dieter Palmer	VECTOR BORNE DISEASE - TRYPANOSOMES Room: Meeting Room 1 Chair: Annette Dougall	PARASITES IN THE TROPICS 1 Room: Meeting Room 2 Chair: James Conlan	DRUG DISCOVERY NATURAL PRODUCTS Room: Meeting Room 3 Chair: Peter Holdsworth	PARASITES OF AQUATIC WILDLIFE 1 Room: Meeting Room 5 Chair: Robert Adlard	COMPANION ANIMAL ZOOSES Room: Meeting Room 6 Chair: Peter Deplazes	DRUG RESISTANCE - ECTOPARASITES Room: Meeting Room 7 Chair: Andrew Kotze	VACCINES - NEMATODES Room: Meeting Room 8 Chair: David Smith
10.15-10.30	Gastro-Intestinal parasite species change in response to selection in the Rylington Merino Flock John Karlsson <i>Dep. Agric. & Food WA</i>	The Resilience of the African Grasscutter (<i>Thryonomys swinderianus</i>) to <i>Trypanosoma</i> organisms Maxwell Opara <i>Federal University of Technology</i>	Prevalence of Gastro-Intestinal helminthes and <i>Coccidia</i> in Indigenous Chickens from different agro-climatic zones in Kenya Lydia Helen Kutima <i>Jomo Kenyatta University of Agriculture and Technology</i>	Direct anthelmintic effects of purified chicory extract against <i>Cattlenematodes</i> : preliminary results with <i>Cooperia oncophora</i> Andrew Williams <i>University of Copenhagen</i>	Dicyemid parasites as biological tags to assess the population structure of <i>Sepia apama</i> (giant Australian cuttlefish) in southern Australian waters Sarah Catalano <i>The University of Adelaide</i>	<i>Onchocerca lupi</i> : a neglected canine vector-borne helminth of zoonotic concern Domenico Otranto <i>University of Bari</i>	Cross-Resistance between Fipronil and Lindane in <i>Rhipicephalus (Boophilus) Microplus</i> Eleonor Castro-Janer <i>UDELAR</i>	RNA interference (RNAi) in the parasitic nematode <i>Teladorsagia circumcincta</i> and the search for potential marker genes that indicate the activation or not of the RNAi pathway in <i>Caenorhabditis elegans</i> Thomas Tzelos <i>Moredun Research Institute</i>
10.30-10.45	Variation and High Linkage Disequilibrium among OVAR-DRB1, DQA1 and DQB1 loci in Scottish Blackface Nur Mahiza Md Isa <i>University of Glasgow</i>	Trypanosome diversity in cattle and tsetse and their implication for zoonotic diseases in Tanzania Imna Malele <i>Tsetse & Trypanosomiasis Research Institute</i>	Ecto and Endo parasites in free range chickens in rainy season in Mbeere District in Kenya Wambui Hannah Chege <i>Department of Veterinary Pathology</i>	Acaricidal activity of extracts from <i>Caesalpinia gaumeri</i> (Fabaceae) and <i>Havardia albicans</i> (Leguminosae) against the cattle tick, <i>Rhipicephalus microplus</i> resistant to acaricides José Alberto Rosado-Aguilar <i>Universidad Autónoma De Yucatán</i>	Gastrointestinal infections of free-living Indo-Pacific bottlenose dolphins (<i>Turlops aduncus</i>) from the Northern Red Sea, Egypt Carlos Hermosilla <i>Justus Liebig University Giessen</i>	The Prevalence, clinical impact and zoonotic significance of <i>Giardia</i> species in dogs and cats in urban areas of southern Germany Louise Pallant <i>Murdoch University</i>	Investigation into the variability of response to the insect growth regulator compounds, dicyclanil and triflumuron in field strains of <i>Lucilia</i> spp blowflies in New Zealand. Ben Brown <i>Novartis Animal Health Australia</i>	Generation of a recombinant <i>Teladorsagia circumcincta</i> antigen using <i>Caenorhabditis elegans</i> Cassandra Longhi <i>Moredun Research Institute</i>
10.45-11.00	Functional investigation of a QTL region affecting resistance to <i>Haemonchus contortus</i> in sheep Philippe Jacquet <i>Veterinary School of Toulouse, France</i>	Identification of the tick (<i>Ixodes australiensis</i>) as the vector for <i>Trypanosoma copemani</i> Jill Austen <i>Murdoch University</i>	Evaluation of Dry Season Supplementary Feed Ration on Productivity and Parasitic Diseases of Fulani White Cattle in Nigeria Ayodele Majekodunmi <i>University of Edinburgh</i>	Effect of condensed tannins in gastrointestinal nematodes of sheep under grazing conditions in Uruguay America Mederos <i>National Research Institute For Agriculture (INIA)</i>	Morphological and molecular characterisation of cardiovascular flukes (Digenea: Spirorchidae) from marine turtles in Moreton Bay, Queensland. Phoebe Chapman <i>University of Queensland</i>	Prevalence of <i>Cheyletiella</i> parasitovorax and <i>Trichophyton mentagrophytes</i> in rabbits and guinea pigs in Dutch pet shops Paul Overgaauw <i>Utrecht University, Faculty Of Veterinary Medicine, IRAS, Div. Veterinary Public</i>	Investigations of a suspected cyromazine resistant strain of <i>Lucilia cuprina</i> , the Australian sheep blowfly, and the implications for fly strike control Ben Brown <i>Novartis Animal Health Australia</i>	Mitigating the impact of infection by desensitising sheep to nematode antigens Andrew Greer <i>Lincoln University</i>
11.00-11.15	Comparison of tick resistance of cross-breed Senepol x Limousin with pure-breed Limousin Thomas Hüe <i>Institut Agronomique Néo-Calédonien</i>	Morphological polymorphism of <i>Trypanosoma copemani</i> and description of the genetically diverse <i>T. vegrandis</i> from the critically endangered Australian potoroid, the brush-tailed bettong (<i>Bettongia penicillata</i> (Gray, 1837)) Craig Thompson <i>Murdoch University</i>	Prevalence of gastrointestinal parasites in humans, dogs and pigs living in a village in Cambodia Tawin Inpankaew <i>Department of Veterinary Disease Biology</i>	BioWorm@ for control of nematode parasites of livestock. Malcolm Knox <i>CSIRO Animal, Food And Health Sciences</i>	Parasites of introduced freshwater fish species in Murrumbidgee Basin Margriet van Keulen <i>Utrecht University</i>	Emphasising the importance of travel history and clinical awareness: Cases of canine leishmaniasis in Australia Peter Irwin <i>Murdoch University</i>	Determination of Acaricide Resistance in <i>Rhipicephalus (Boophilus) microplus</i> (Acari: Ixodidae) Field Populations of Argentina, South Africa and Australia with the novel Larval Tarsal Test Heinz Sager <i>Novartis</i>	Vaccination with double-domain ASP confers significant protection against <i>Cooperia oncophora</i> challenge infection Edwin Claerebout <i>Ghent University</i>
11.15-11.30	Breeding for breech strike resistance in Merino sheep Johan Greeff <i>Department of Agriculture and Food WA</i>	Infection kinetics and drug susceptibility of the Australian <i>Trypanosoma copemani</i> : a comparative in vitro study with the pathogenic <i>Trypanosoma cruzi</i> Adriana Botero <i>Murdoch University</i>	Zoonotic parasite research in the Caribbean Rosina Krecek <i>Ross University School of Veterinary Medicine</i>	Nematocidal activity of medicinal plants of northern areas against <i>Haemonchus contortus</i> in sheep Farhana Chaudhry <i>University</i>	Host specificity of digenean parasites of nassariid gastropods Leonie Barnett <i>Central Queensland University</i>	Fasciolosis of donkeys and their epidemiological and zoonotic role in Ethiopia Mulugeta Getachew Adako <i>Donkey Sanctuary</i>	Structural and functional studies with H-gal-GP, a major antigenic component of "Barbervax". George Newlands <i>Moredun Research Institute</i>	
11.40-12.40	ORAL POSTER SESSION A walk on the wild side Chair: Susan Kutz	ORAL POSTER SESSION All about tapeworms Chair: David Jenkins	ORAL POSTER SESSION Bite me! - ectos as parasites Chair: Dwight Bowman	ORAL POSTER SESSION Divide and Conquer Chair: Emily Jenkins	ORAL POSTER SESSION The Joe Boray Session – What's new and wonderful in Parasitology Chair: John Dalton	ORAL POSTER SESSION Resistance is futile! Chair: Nick Sangster	ORAL POSTER SESSION Ticked Off! Chair: Domenico Otranto	ORAL POSTER SESSION Who and How Many? Chair: Julie Fitzpatrick

Lunch Sponsored by Novartis Animal Health								
12.40-13.30	DRUG RESISTANCE SMALL - RUMINANTS 1 Room: Riverside Theatre Chair: Roger Pritchard	DIAGNOSTICS - APICOMPLEXA Room: Meeting Room 1 Chair: Rebecca Traub	DOG AND CAT PARASITES 1 Room: Meeting Room 2 Chair: Anja Joachim	DRUG DISCOVERY Room: Meeting Room 3 Chair: Christian Epe	TEACHING WORKSHOP Room: Meeting Room 5 Chair: Ryan O'Handley	FUNCTIONAL GENOMICS 2 Room: Meeting Room 6 Chair: Aaron Jex	IMMUNOLOGY GENERAL Room: Meeting Room 7 Chair: Edwin Clarebout	ONE HEALTH 3 Room: Meeting Room 8 Chair: Susan Kutz
13.30-13.45	Can combination anthelmintics be used once resistance to multiple actives has developed? Tania Waghorn AgResearch	Results of a nationwide coccidiosis survey using a simple, one-tube assay for the simultaneous detection and diagnosis of the ten Australian Eimeria of chicken. Rosamond Godwin DAFF, QLD Government	Recent Dirofilaria Spp. distribution information in northern Europe Antti Oksanen Finnish Food Safety Authority Evira	Haem uptake in Schistosoma mansoni Toh Shu Qin Queensland Institute of Medical Research	The ParSCo (Parasitology Summer Course): an EVPC residential-practical course in the heart of the Mediterranean Sea Andreas Chrystosafidis University College Dublin	The genome and transcriptome of Haemonchus contortus: a key model parasite for drug and vaccine discovery Roz Laing University of Glasgow	Gene expression in abomasal lymph node of Scottish Blackface lambs challenged with Teladorsagia circumcincta. Kathryn McRae Teagasc	Update of current knowledge of toxoplasmosis in Australia James Conlan Food Standards Australia New Zealand
13.45-14.00	Lack of efficacy of monepantel against Teladorsagia circumcincta and Trichostrongylus colubriformis Ian Scott Massey University	Advanced studies on coccidian parasites of cattle Mahmoud A. El-Seify Kafrelsheikh University	New insights into diagnosis and epidemiology of Angiostrongylus vasorum in European countries Manuela Schnyder University of Zurich	In vitro and in vivo activities of dicationic diguanidino-compounds against Echinococcus multilocularis metacystodes Andrew Hemphill University of Bern	Progress in developing a "downunder" parasitology e-text David Emery University of Sydney	Haemonchus contortus genome and developmental transcriptome Pasi Korhonen University of Melbourne	Immune responses of sheep against Oestrus ovis (Diptera: Oestridae) associated to gastrointestinal nematode infection Bruna Silva Universidade Do Planalto Catarinense	Four cases of fatal toxoplasmosis in three species of endemic New Zealand birds. Laryssa Howe Massey University
14.00-14.15	First evidence for on-farm multi-drug resistance in sheep parasites in Northern Ireland Stewart Blair Queens University Belfast	Immuno-PCR for detection of Giardia lamblia cysts in water Mingjun Deng Shandong Entry-Exit Inspection and Quarantine Bureau	The efficacy of a topically applied imidacloprid 10% / moxidectin 2.5% formulation (Advocate®, Advantage Multi® Bayer) against immature and adult Spirocerca lupi worms in experimentally infected dogs. Clinton Austin Bayer Animal Health South Africa	Investigation and validation of a potential new drug target for parasitic nematodes Carolyn Behm Australian National University	So, if the only teaching aid in the budget is an old shoebox Dwight Bowman Cornell University	Development of RNA interference in the human hookworm Necator americanus Annette Dougall James Cook University	Predominant natural killer cell proliferation in Belgian Blue cattle with aggravating Psoroptes ovis mange. Charlotte Sarre Ghent University	An Atypical Genotype of Toxoplasma Gondii as a Cause of Mortality in Hector's Dolphins (Cephalorhynchus Hectori) Laryssa Howe Massey University
14.15-14.30	Resistance to monepantel in two nematode species in goats David Leathwick AgResearch	A comparison of sequencing technologies for the screening of Cryptosporidium infections in biological samples Andrea Paporini Murdoch University	Host-parasite proteome from canine faecal samples Francesca Jones Murdoch University	In vitro efficacy of Toltrazuril against Besnoitia besnoiti infection in Vero and HFF cells Bruno Gottstein Institute of Parasitology	Core competencies in veterinary parasitology practicals – A LOGical approach Ryan O'Handley University of Adelaide	Functional analysis of the bovine immunological response against in silico predicted B and T cell epitopes in Rhipicephalus microplus lipocalins (LRMs). Ala Lew-Tabo QAAFI	Semi maturation of bovine monocyte-derived dendritic cells after incubation with Giardia duodenalis Edwin Clarebout Ghent University	Predilection sites of Toxoplasma gondii in goats, sheep and pigs determined by magnetic capture and real-time PCR Jana Jurankova University of Veterinary and Pharmaceutical Sciences
14.30-14.45	A survey investigating gastro-intestinal nematode egg output of sheep following treatment with long acting anthelmintics on farms in New Zealand and Australia Ben Brown Novartis Animal Health	Phylogenetic analysis of Trypanosoma congolense and Trypanosoma vivax detected in naturally infected Nigerian cattle breeds Michael Takeet Federal University of Agriculture		Metaphylactic toltrazuril treatment of dairy calves at risk of coccidiosis - short and long term effects on weight gain Heidi Larsen Enemark Technical University Of Denmark		Functional study of a genetic marker allele associated with resistance to Ascaris suum in pigs Per Skallerup University of Copenhagen	Leishmania australiensis infection in BALB/c nude mice Calia Santos The University of Western Australia	Evidence of the three main clonal Toxoplasma gondii lineages in British wild carnivores. Alison Burrells Moredun Research Institute
14.45-15.15	Afternoon tea Sponsored by Elanco							

15.15-16.30	ELANCO (GOLD SPONSOR) Room: Riverside Theatre Chair: Paul Riga	CONSERVATION AND WILDLIFE GENERAL Room: Meeting Room 1 Chair: Brent Wagner	PARASITES OF AQUATIC WILDLIFE 2 Room: Meeting Room 2 Chair: Nico Smit	DOG AND CAT PARASITES 2 Room: Meeting Room 3 Chair: Byron Blagburn	VACCINES - HAEMONCHUS Room: Meeting Room 5 Chair: Robert Dobson	MOLECULAR EPIDEMIOLOGY Room: Meeting Room 6 Chair: Andrew Thompson	VECTOR BORNE DISEASES - GENERAL Room: Meeting Room 7 Chair: Norbert Mencke
15.15-15.30	The Spinosyns: Discovery and Development of a Novel Parasiticide Daniel Snyder Elanco Animal Health	Christmas Island's parasitic plight Narelle Dybing Murdoch University	Global diversity of parasitic isopods of the Family Cymothoidae Nico Smit North West University	Molecular characterization and PCR detection of Gurltia paralyzans. Marcelo Gomez Universidad Austral De Chile	Barbervax', a potential commercial vaccine for Haemonchus contortus: background, mechanism of action and efficacy studies with housed lambs Julie Fitzpatrick Moredu Research Institute	Molecular characterization and phylogenetic analysis of Fasciola hepatica from Cajamarca, Peru Madoka Ichikawa-Seki Iwate University	MALDI-TOF mass spectrometry for the identification of insect vectors Alexander Mathis University of Zurich
15.30-15.45	The Efficacy of Spinosad for the Control of Pests Infesting Poultry Richard Hack Elanco Animal Health	The susceptibility of native and introduced freshwater fish species to the exotic parasite Lernaea cyprinacea Alan Lybery Murdoch University	Review of the fish tongue biter Cymothoa Fabricius, 1793 (Crustacea: Isopoda: Cymothoidae) in Australian waters Melissa Beata Martin University of Tasmania	Survey of Aelurostrongylus in cats in the UK a comparison with Angiostrongylus in dogs Mark Fox Royal Veterinary College	Barbervax' a potential commercial vaccine for Haemonchus contortus: manufacture and field efficacy trials in Western Australia Brown Besier Department of Agriculture and Food Western Australia	Mitochondrial genome of Angiostrongylus vasorum: comparison with congeners and implications for studying the population genetics and epidemiology of this parasite Namitha Mohandas University of Melbourne	Sugar feeding behaviour and longevity of European Culicoides biting midges Alexander Mathis University of Zurich
15.45-16.00	Spinosad: Development and field use for flea control Daniel Snyder Elanco Animal Health	Centrocestus armatus metacercariae (Digenea: Heterophyidae) induced changes in fish host behavior and susceptibility to predation Vachel Gay Paller University of the Philippines	Revision of taxonomy and biology of anisakid nematodes in Australia Shokoofeh Shamsi Charles Sturt University	Characterisation of cytokine alterations during experimental Babesia gibsoni infection in dogs Alexa Brown Murdoch University	Barbervax', a potential commercial vaccine for Haemonchus contortus: field efficacy trials with sheep in a high risk region of Australia David Smith Moredu Research Institute	Quantitative proteomics in Giardia duodenalis: investigating host origin, assemblage and isolate variation Samantha Emery Macquarie University	*Trypanosoma cruzi* infectivity in triatomines from Brazil may be higher than expected Larissa Reifur Federal University of Paraná
16.00-16.15	Broadening the spectrum - the combination of spinosad with milbemycin oxime Beate Schnitzler Elanco Animal Health	Reappearance of Taenia ovis krabbei muscle cysts in a roe deer (Capreolus capreolus) in Denmark after 60+ years, with a possible role of a grey wolf (Canis lupus) as definitive host Heidi Larsen Enemark Technical University of Denmark	Larval anisakid nematodes from teleost fishes from Lizard Island, Queensland, Australia Abdul Jabbar University of Melbourne	New insights on the biology of Troglstrongylus brevior (Strongylida: Crenosomatidae) Rafael Antonio Do Nascimento Ramos University of Bari	Field test of MRI Haemonchus vaccine efficacy in Merino lambs Malcolm Knox CSIRO Animal, Food And Health Sciences	Molecular Epidemiology of Blastocystis isolates from pre-school children and their own domestic animals Ngyuen Lan National Institute of Hygiene And Epidemiology	Control of Ixodes holocyclus and Ixodes tasmani on the northern brown bandicoot, Isodon macrourus Greta Busch Queensland Alliance For Agriculture and Food Innovation
16.15-16.30		Why history matters? A tale of lungworms and their hosts Guilherme Verocai University of Calgary	Trematodes of New Zealand rocky shore littorinid snails and desiccation stress Katie O'Dwyer University of Otago	Treatment of Dirofilaria repens microfilariaemia with a combination of doxycycline hyclate and ivermectin Alessio Giannelli University of Bari	Simulation study to estimate the minimum vaccine protection required to control Haemonchus contortus in a high risk zone for haemonchosis Robert Dobson Murdoch University	Characterizing population structure and diversity of Australian Eimeria Jess Morgan QAAFI	Preliminary result of a large-scale field trial to evaluate the efficacy of Waterbuck repellent blend (Kobus ellipsiprymnus) in controlling bovine trypanosomosis in Eastern Africa Norber Mbahin International Centre of Insect Physiology and Ecology (Icipe) - Insect Science
16.30-17.30	<p>NOVARTIS SPONSORED SESSION Chair: Arthur Redpath Cestode zoonoses: a one health perspective Susan Little Oklahoma State University</p> <p>Cestode zoonoses: a one health perspective Calum Macpherson St. George's University</p>						
17.30 - 18.30	Happy Hour (POSTER VIEWING) Sponsored by SCYNEXIS						

WEDNESDAY 28 AUGUST	
8.30-9.45	PLENARY SESSION: PROPHYLACTICS AND THERAPEUTICS - NEW APPROACHES Chair: Peter Holdsworth Immunomodulatory molecules of <i>F. hepatica</i> : candidates for both vaccine and immunotherapeutic development John Dalton <i>McGill University</i> Worms - a "license to kill" Ronald Kaminsky <i>Novartis - Switzerland</i>
9.45-10.15	Morning tea
10.15-11.15	WAAVP PRIZES SESSION
11.15-13.15	ASP/ELSEVIER SESSION Filling the gaps: expression profiling of zoonotic Apicomplexa in definitive hosts Adrian Hehl <i>University of Zurich</i> Specific and/or unspecific mechanisms of anthelmintic resistance: how could we tackle this conundrum? Georg von Samson-Himmelstjerna <i>Freie Universität Berlin</i> Wildlife parasitism in a changing climate: shifting boundaries, barriers, and paradigms Susan Kutz <i>University of Calgary</i> Presidential address Denise Doolan <i>President of the ASP</i>
13.15-14.15	Lunch
14.15 - 16.30	ASP AGM Venue: Perth Zoo

THURSDAY 29 AUGUST								
8.30-10.00	<p>PLENARY SESSION: ANIMAL PRODUCTION AND FOOD SECURITY Chair: Brown Besier</p> <p>Parasitology for the hungrier, warmer, riskier world Doug Gray ACIAR</p> <p>Global food security – the impact of veterinary parasites and parasitologists Julie Fitzpatrick Moreun Research Institute</p> <p>WAAVP 2015 Lord Trees University of Liverpool</p>							
10.00-10.15	Morning tea							
10.15-11.30	GLOWORM – Impact of global change on ruminant helminths Room: Riverside Theatre Chair: Brown Besier	RUMINANTS PROTOZOA Room: Meeting Room 1 Chair: Ryan O'Handley	GENETIC IMMUNITY NATIVE BREEDS: WHATS OLD IS NEW Room: Meeting Room 2 Chair: Mark Sandeman	ECHINOCOCCUS Room: Meeting Room 3 Chair: Johannes Eckert	VACCINES - GENERAL 2 Room: Meeting Room 5 Chair: David Heath	DRUG RESISTANCE - SMALL RUMINANTS 2 Room: Meeting Room 6 Chair: Roger Pritchard	VECTORS BORNE DISEASES - TICKS Room: Meeting Room 7 Chair: Peter Irwin	PARASITES IN THE TROPICS 2 Room: Meeting Room 8 Chair: Chandrawathani Panchadcharam
10.15-10.30	Innovative and sustainable strategies to mitigate the impact of global change on helminth infections in ruminants (GLOWORM) Jozef Vercrusye <i>Ghent University</i>	Evaluation of factors contributing to the course of natural cryptosporidiosis in calves in Germany Arwid Dausgies <i>University Leipzig</i>	Red Maasai x Dorper resistance to gastrointestinal parasite infections associated to a panel of SNPs Magda Benavides <i>Embrapa</i>	In vitro and in vivo investigations to develop functional imaging by Positron Emission Tomography (PET) for murine and human alveolar echinococcosis Bruno Gottstein <i>Institute of Parasitology</i>	Immunization studies in rabbits using gut membrane-bound proteins derived from <i>Rhipicephalus appendiculatus</i> , <i>R. evertsi evertsi</i> and <i>Amblyomma variegatum</i> female ticks Lydia Helen Kutima <i>Jomo Kenyatta University of Agriculture and Technology</i>	UK guidelines for worm control - evaluating production, infection and resistance development with use on commercial farms Jane Learmount <i>AHVLA</i>	Morphological and genetic diversity of <i>Rhipicephalus sanguineus</i> Filipe Dantas-Torres <i>Aggeu Magalhães Research Centre (Fiocruz-PE)</i>	Helminths epidemiology and prevalence of gastrointestinal nematodes in cattle of Kirinyaga County, Kenya Francis Njunge <i>Jomo Kenyatta University for Agriculture and Technology</i>
10.30-10.45	GLOWORM - Novel approaches to improve diagnosis of helminth infection and detection of anthelmintic resistance Janina Demeler <i>Freie Universität Berlin</i>	The prevalence and productivity consequences of <i>Cryptosporidium</i> in sheep in Australia Rongchang Yang <i>Murdoch University</i>	Immune responses associated with resistance to adult stages of <i>Haemonchus contortus</i> in sheep Jorge Francisco Gonzalez <i>University of Las Palmas De Gran Canaria</i>	Molecular detection of <i>E. granulosus</i> sheep strain (G1) infections in naturally infected dogs in Punjab (India) Balbir Bagicha Singh Dhaliwal <i>Guru Angad Dev Veterinary & Animal Sciences University</i>	Evaluation of in silico predicted and expressed anti- <i>Rhipicephalus microplus</i> antigens and their elicited immune responses in rabbits Sabine Richards <i>University of Pretoria</i>	Implementation of resistance management practices on commercial sheep and cattle farms in New Zealand Tony Rhodes <i>PGG Wrightson Consulting</i>	Identification of ticks (Acari: Ixodidae) and their bacterial communities by PCR-single-strand conformation polymorphism (SSCP) and DNA sequencing. Clare Anstead <i>University of Saskatchewan</i>	Cattle ticks and tick-borne pathogens, central Nigeria Vincenzo Lorusso <i>The University of Edinburgh</i>
10.45-11.00	GLOWORM: Predicting and combating future helminth threats and infection patterns in livestock in Europe Hannah Rose <i>University of Bristol</i>	The effects of the abortifacient parasite, <i>Neospora caninum</i> on bovine foetuses in early and late gestation Patrick Craig <i>University of Liverpool</i>	Breaking the mould - can resistant animals also be productive Andrew Greer <i>Lincoln University</i>	Emergence of <i>Echinococcus multilocularis</i> in dogs in Canada? Andrew Peregrine <i>University of Guelph</i>	Antigenic diversity in <i>Theileria parva</i> in vaccine stable and African buffalo Johanneke Dinie Hemmink <i>University of Edinburgh</i>	Efficacy of monepantel against multi-resistant gastro-intestinal nematodes in sheep Justin Bailey <i>Novartis Animal Health</i>	Molecular detection of tick-borne pathogens in ticks infesting dogs in south-eastern Romania Mariana Ionita <i>University of Agronomic Sciences and Veterinary Medicine of Bucharest</i>	High prevalence of <i>Schistosoma japonicum</i> in humans and bovines from Northern Samar, the Philippines Catherine Gordon <i>Queensland Institute of Medical Research</i>
11.00-11.15	Spatio-temporal modeling of helminth infections in livestock in Europe Guy Hendrickx <i>Avia-GIS</i>	Detection and characterisation of <i>Giardia</i> spp. in diarrheic calves in Southern Germany Miriam Scheuerle <i>Ludwig-Maximilians-Universität</i>	Sustainable animal production using natural immunity David Piedrafita <i>Monash University</i>	Development of a rat model for the study of alveolar echinococcosis and the different factors that influence the success of the infection Maria Teresa Armua-Fernandez <i>University of Zurich</i>	Characterisation of a new <i>Babesia bovis</i> thrombospondin-related anonymous protein as a novel blood-stage vaccine candidate Ikuo Igarashi <i>Obihiro University of Agriculture</i>	Combination anthelmintics are not magic bullets - they require knowledge and wise use Barry Hosking <i>Novartis Animal Health</i>	Insight into success of tick control and prevalence of transmitted pathogens in urban dogs in Berlin, Germany Georg Von Samson-Himmelstjerna <i>Freie Universität Berlin</i>	Trypanosomiasis vs. Tick-borne Diseases: Production constraints in traditionally managed Fulani White Cattle in Nigeria Ayodele Majekodunmi <i>University of Edinburgh</i>
11.15-11.30	Novel targeted treatment and targeted selective treatment approaches in sheep and cattle Johannes Charlier <i>Ghent University</i>	Histologic Lesions in Bubaline and Bovine Foetuses Infected with <i>Different Neospora caninum</i> Strains Andreas Chryssafidis <i>University College Dublin</i>	Open Forum discussion: Which approach is right?	Echinococcosis in Khyber Pakhtunkhwa, Pakistan Tayyab Rehman <i>Khyber Medical University</i>	In vitro feeding model for cattle tick vaccine candidate and gene function screening Ala Lew-Tabor <i>The University of Queensland</i>	Anthelmintic resistance of sheep gastro-intestinal nematodes in 3 continental European countries David Bartram <i>Zoetis</i>	Troublesome Ticks: Emerging and Potentially Zoonotic Vector-Borne Diseases in Australia Peter Irwin <i>Murdoch University</i>	
1130-1240	ORAL POSTER SESSION All about Crypto: Chair: Una Ryan	ORAL POSTER SESSION All about Flukes Chair: Santiago Mas-Coma	ORAL POSTER SESSION All about sheep Chair: Brown Besier	ORAL POSTER SESSION Cause and Effect Chair: David Leathwick	ORAL POSTER SESSION Drugs - do they REALLY work? Chair: David Smith	ORAL POSTER SESSION Parasites in my blood! Chair: Paul Torgerson	ORAL POSTER SESSION Pets, Pits and People Chair: Peter Deplazes	ORAL POSTER SESSION Size really doesn't matter - enteric protozoa Chair: Jan Slapeta

12.40-13.30	Lunch (WAAVP AGM) Sponsored by Zoetis							
13.30-14.45	MSD (GOLD SPONSOR) Room: Riverside Theatre Chair: Griff Dalglish	VACCINES - FLUKES Room: Meeting Room 1 Chair: David Piedrafita	CONSERVATION AND WILDLIFE TAXONOMY Room: Meeting Room 2 Chair: Ian Beveridge	DIAGNOSTICS - MOLECULAR Room: Meeting Room 3 Chair: Mark Fox	HOST PARASITE INTERACTIONS Room: Meeting Room 5 Chair: Mal Jones	DRUG RESISTANCE - MOLECULAR Room: Meeting Room 6 Chair: Jim Rothwell	DRUG EFFICACY - SHEEP Room: Meeting Room 7 Chair: Goerg von Samson-Himmelstjerna	ONE HEALTH - ANIMAL PRODUCTION Room: Meeting Room 8 Chair: Matthew Playford
13.30-13.45	<p>Research experience on the practical approach to parasite control in livestock in parts of Southern Africa, a changing scenario</p> <p>Dr Tom Strydom Director, MSD Research Unit, Malelane, South Africa</p>	Biochemical characterisation of serine protease inhibitors from <i>Schistosoma japonicum</i> Adebayo Molehin Queensland Institute of Medical Research	Morphological features and molecular characteristics of piroplasm infecting the Platypus (<i>Ornithorhynchus anatinus</i>) Andrea Papparini Murdoch University	A high-throughput diagnostic platform for gastrointestinal nematode infections in small ruminants Florian Roeber AusDiagnostics Pty Ltd	Effect of repeated antigen administration on hypersensitivity and faecal moisture content in sheep following infection with <i>Trichostrongylus</i> spp Ryan O'Handley University of Adelaide	Ivermectin-aglycone: A novel P-gp inhibitor to reverse macrocyclic lactone resistance Anne Lespine INRA	Production responses in ewes treated pre-lambing with controlled release capsules containing both anthelmintic and minerals Chris Miller AgResearch Limited	The microbiome of scabies mite infected porcine skin. Katja Fischer Queensland Institute of Medical Research
13.45-14.00		RNAi-Based Screening for Vaccine Targets Identification of <i>Schistosoma mansoni</i> Tegument Proteins Yee Leow Queensland Institute of Medical Research	Novel parabasalid flagellates endosymbiotic in native Australian subterranean termites Linda Ly University of Queensland	Molecular diagnosis and therapeutic trials on fasciolosis in sheep Khalid Mehmood Slamia University of Baha	Do gastro-intestinal nematode infections induce pain in their sheep hosts? Caroline Chylinski INRA	Using next generation sequencing to identify ivermectin resistance loci in <i>Haemonchus contortus</i> . Peter Hunt CSIRO	Effects Of Protein Supplementation On Gastrointestinal Nematode Infestation In Lambs Farhana Chaudhry University	<i>Echinococcus canadensis</i> in slaughtered farmed elk in Southern Alberta, Canada Brenda Ralston Alberta Agriculture and Rural Development
14.00-14.15		Immunomics-based identification of schistosomiasis vaccine antigens: an integrated discovery and validation approach Mark Pearson James Cook University	The micromorphological specializations of the sucking louse <i>Linognathus setosus</i> from the Springbok <i>Antidorcas marsupialis</i> . Edward Green University of Limpopo	High prevalence of <i>Taenia saginata</i> cysticercosis infection in slaughtered dairy cows in Central Europe: a multi-test analysis Ramon Marc Eichenberger University of Zurich	Molecular characterisation of host-pathogen immune mechanisms - Lectin Pathway inhibition by parasitic scabies mites. Simone Reynolds Queensland Institute of Medical Research	Macrocyclic lactone resistance in nematodes: Molecular marker for resistance detection Roger Prichard McGill University	Efficacy of a combination of monepantel and abamectin against naturally acquired gastrointestinal parasites in sheep Peter Rolfe Novartis Animal Health	Migratory pattern of <i>Toxocara cati</i> and <i>Toxocara canis</i> in pigs Peter Nejsum University of Copenhagen
14.15-14.30		Molecular Characterization of Annexin (Anx) and Tetraspanin (TSP) Gene Families from <i>Fasciola hepatica</i> Vignesh Rathinasamy Latrobe University	A novel <i>Babesia</i> spp. associated with morbidity and mortality in eastern grey kangaroos. Christopher Peacock University of Western Australia	Genetic characterization of selected parasites from people with histories of gastrointestinal disorders Anson Koehler University of Melbourne	Scabies mites give bacteria a helping hand - <i>Staphylococcus aureus</i> co-infections of mite infected skin are promoted by mite complement inhibitors Pearl Swe Queensland Institute of Medical Research	Whole genome analysis for macrocyclic lactone resistance markers in <i>Dirofilaria immitis</i> Catherine Bourguinat McGill University	Assessment of monepantel and abamectin sulphone gastrointestinal concentration profiles in sheep: relevance of the kinetics/efficacy relationship Adrian Lifschitz Centro de Estudios Veterinarios (CONICET) Facultad Cs. Veterinaria	Oxfendazole treatment trial to control porcine cysticercosis in Angónia District, Mozambique Stig Milan Thamsborg University of Copenhagen
14.30-14.45		Field Trial in Commercial Irish Farms with Experimental Vaccine Using Recombinant Mutant <i>Fasciola hepatica</i> Cathepsin L1 in Cattle Andreas Chryssafidis University College Dublin	Presence of cryptic species within the nematode genus <i>Cloacina</i> Mary Shuttleworth The University of Melbourne	No more confusion: it is <i>Tritrichomonas foetus</i> based on comparative analysis of <i>Tritrichomonas foetus</i> cat and cattle genotype, and <i>Tritrichomonas suis</i> at ten DNA loci Jan Slapeta University of Sydney	<i>Eimeria bovis</i> modulates endothelial host cell cholesterol metabolism Carlos Hermosilla Justus Liebig University Giessen	Drug-efflux and target-site gene expression patterns in levamisole-resistant <i>Haemonchus contortus</i> . Ranbir Sarai CSIRO Animal, Food and Health Sciences	Ewe but not lamb worm control increases weaning weight of prime lambs Michelle Dever University of New England	Control of <i>Taenia solium</i> : calculation of the minimum number of vaccination/chemotherapy interventions required in pigs per year to achieve control Marshall Lightowers University of Melbourne
14.45-15.15	Afternoon tea Sponsored by MSD							

15.15-16.30	COMMERCIAL LIVESTOCK - SHEEP Room: Riverside Theatre Chair: Andrew Greer	HOST PARASITE RELATIONSHIPS 2 Room: Meeting Room 1 Chair: Adrian Hehl	DIAGNOSTICS - NEMATODES Room: Meeting Room 2 Chair: Bill Pomroy	DRUG EFFICACY - ECTOPARASITES Room: Meeting Room 3 Chair: Douglas Colwell	FUNCTIONAL GENOMICS 3 Room: Meeting Room 5 Chair: Alexander Mathis	DRUG RESISTANCE - SMALL RUMINANTS 3 Room: Meeting Room 6 Chair: Carol Behm	APICOMPLEXAN BIOLOGY 2 Room: Meeting Room 7 Chair: Katherine Trenholme
15.15-15.30	Total tract digestibility is reduced in anorexic parasitized ewes Jos Houdijk SRUC	Opisthorchis viverrini exosomes, a molecular mechanism for host-parasite interactions Javier Sotillo Gallego QTHA - James Cook University	Surprising results for the distribution of and short term variation in cattle faecal worm egg counts Andrew Van Burgel Department of Agriculture and Food Western Australia	Tea tree (Melaleuca alternifolia) oil for the control of sheep lice and myiasis Peter James University of Queensland	Sequencing and characterization of Leishmania australiensis. Christopher Peacock University of Western Australia	A population genetics approach to ivermectin resistance in the parasitic nematode Haemonchus contortus Roz Laing University of Glasgow	Next-generation anti-parasitic agents from Nature Tina Skinner-Adams Griffith University
15.30-15.45	Lower worm egg counts associated with higher ewe body condition score Lewis Kahn University of New England	A granulysin growth factor secreted by the carcinogenic liver fluke, 'Opisthorchis viverrini', and its role in carcinogenesis Michael Smout James Cook University (Cairns)	Prevalence of Strongyloides stercoralis infection in a remote Indigenous community as determined by ELISA testing from dried blood spot for antibodies to the recombinant antigen NIE Kate Mounsey University of The Sunshine Coast	Acaricidal effect of extracts of fruits of Piper tuberculatum against the cattle tick Rhipicephalus microplus Livio Costa-Junior Federal University of Maranhão, Brazil	Transcriptional and functional characterization of cysteine proteases of the bovine lungworm Dictyocaulus viviparus Christina Strube University of Veterinary Medicine Hannover	The in vitro and in vivo response of Haemonchus contortus to benzimidazole treatment: sheep versus goats Marian Varady Institute of Parasitology SAS	Targeting post-translational modification enzymes for malaria therapy Kathy Andrews Griffith University
15.45-16.00	Effect of lambing season on the periparturient egg rise of gastrointestinal nematodes Andrew Peregrine University of Guelph	Membrane biogenesis and renewal of the Schistosoma mansoni tegument Leigh Schulte Queensland Institute of Medical Research	P-Glycoproteins in macrocyclic lactone resistance of equine parasitic nematodes: Functional analysis of putative resistance markers using a yeast expression system Jurgen Krucken Freie Universität Berlin	A multi-site randomised controlled trial to evaluate the efficacy of plastic clips to prevent flystrike in Australian sheep Matthew Playford Dawbuts Pty Ltd	Transcriptome of Cryptosporidium parvum (bovine genotype) in vitro and in vivo stages: New insights into the biology of an intestinal parasite Christoph Lippuner University of Zurich	The use of a stochastic model to predict the role of monepantel in combination anthelmintics Barry Hosking Novartis Animal Health	A Humanized Mouse Model for Transmission Blocking Antimalarial Assessment and Discovery. Alice Butterworth Queensland Institute of Medical Research
16.00-16.15	Gastrointestinal nematode control in sheep under three grazing management systems and factors influencing faecal worm egg count Stephen Walkden-Brown University of New England	To serve or to protect? Functional analysis of Fasciola hepatica type 2cystatin. Sasa Stefanic Institute of Parasitology	Evaluation of resistance in a selected field strain of Haemonchus contortus to ivermectin and moxidectin using the Larval Migration on Agar Test Marcelo Molento Universidade Federal Do Parana	Treatment and control of bovine mange infestation with ivermectin long-acting injection (IVOMECS® GOLD) Dietmar Hamel Merial GmbH	In silico analysis of Dermansyssus gallinae transmembrane and excretory/secretory proteins Sabine Schicht University of Veterinary Medicine Hannover	Monepantel resistance selection studies in Teladorsagia circumcincta David Bartley Moredun Research Institute	In vitro and in vivo studies of fenofibric acid-based drug combinations for treatment of malaria Rina Wong University of Western Australia
16.15-16.30	The influence of farmer autonomy on gastrointestinal nematode infection in semi-extensive meat sheep farms Jacques Cabaret INRA	Expression and functional characterization of the R. microplus serpin (RMS-4), a specific Thrombin inhibitor Tao Xu The University of Queensland	Coprophyagy interferes with coproscopical diagnosis of helminth infections in dogs. Rolf Nijse Utrecht University	Canine generalized demodicosis treated with varying doses of Advocate® (moxidectin 2.5% + imidacloprid 10%) (Bayer Animal Health) and oral ivermectin: parasitocidal effects and long-term treatment outcomes Tara Paterson St. George's University	Proteins of the Toxoplasma secretome influence the host epigenome: an in-silico approach Genevieve Syn Telethon Institute for Child Health Research	Molecular genetic analysis of interspecies hybridization between Haemonchus contortus and Haemonchus placei and its implications for the spread of benzimidazole resistance mutations Umer Chaudhry University of Calgary	Potent ex vivo activity of pyronaridine, naphthoquinone and methylene blue against chloroquine resistant field isolates of Plasmodium falciparum and P. vivax Jutta Marfurt Menzies School of Health Research
16.30-17.30	<p>PLATINUM SPONSOR SESSION: ZOETIS Pesticide Resistance: From Theory to Practice Chair: Patrick Meeus Zoetis</p> <p>The Evolutionary Biology of Pesticide Resistance Jeff Scott Cornell University, Ithaca, NY USA</p> <p>Lessons from agriculture on adaptive resistance management Tom Walsh CSIRO</p> <p>Discussion</p>						
19.00 - 23.30	<p>CONFERENCE DINNER Sponsored by Merial</p>						

*Please note the program is a draft and subject to change without notice