

Monday 4 September



Time	Abstract Number	Title	Chair/Presenter	Organisation/Institution	Country
8:00 Registration Opens Location: Strathblane Hall					
10:00 - 13:00 Workshop Location: Fintry Auditorium					
10:00 - 13:00		Post-mortem examination of poultry and diagnostic gross pathology of poultry diseases	Tahseen Aziz	Rollins Animal Disease Diagnostic Laboratory	United States
10:30 - 12:30 Workshop Location: Sidlaw Auditorium					
10:30 - 12:30		Regional Forum - North Africa - Enzootic avian influenza	Mohammed El Houafi (Co-chair) Khaled Hussein (Co-chair)	Veterinary Institute ECO Animal Health	Morocco UK
14:30 - 16:30 Workshop Location: Fintry Auditorium					
14:30 - 16:30		Genome engineering and wider applications	Lonneke Vervelde	The Roslin Institute	United Kingdom
15:00 - 16:00 Workshop Location: Sidlaw Auditorium					
15:00 - 16:00		Publishing in academic journals: tips to help you succeed	Jennifer Stokes	Taylor & Francis Group	United Kingdom
17:00 - 19:00 WVPA 2017 Exhibition Opening Reception Location: Lennox Suite					
19:00 - 21:00 WVPA 2017 Welcome Party Location: Edinburgh Castle <i>Please note this is a ticketed event</i>					

Tuesday 5 September



Time	Abstract Number	Title	Presenting Author	Organisation/Institution	Country
7:00 Registration Opens Location: Strathblane Hall					
08:00 - 09:45 Keynote Chairs: David Swayne, Michael Alcorn & Michael Hess Location: Pentland Auditorium					
08:00 - 08:30		Avian influenza	Ian Brown	APHA	United Kingdom
08:30 - 09:00		Understanding how nutrition and metabolism influence poultry health and immunity	Michael Kogut	USDA-ARS	United States
09:00 - 09:30		Parasitic diseases: old and new challenges for the poultry industry	Fiona Tomley	Royal Veterinary College	United Kingdom
09:45 - 10:15 Morning Coffee Break / Exhibition Location: Lennox Suite					
10:15 - 11:00 Opening Ceremony & Awards Location: Pentland Auditorium					
10:15 - 11:00		Congress Opening & Awards	Alan Pearson Philip Hammond Frank Ross Nigel Horrox	WVPA 2017 WVPA 2017 Lord Provost, Edinburgh WVPA Global	United Kingdom United Kingdom United Kingdom United Kingdom
11:00 - 11:15 Comfort Break <i>All delegates must vacate Pentland Auditorium in order for the room revolving to take place</i>					
11:15 - 13:00 Parallel Session: Avian Influenza Chairs: Ian Brown & David Swayne Location: Pentland Auditorium					
11:15 - 11:30	PS1-01	H9N2 avian influenza transmission and antigenicity	David Suarez	USDA	United States
11:30 - 11:45	PS1-02	Expression of hemagglutinin gene of avian influenza virus subtype H9 in <i>Leishmania tarentolae</i>	Jahan Ara Begum	Institute of Virology	Germany
11:45 - 12:00	PS1-03	Molecular evolution and pathogenicity of H9N2 avian influenza viruses in Eastern China from 1998-2016	Xiaoquan Wang	Yangzhou University	China
12:00 - 12:15	PS1-04	Single amino acid mutation at site 160 in hemagglutinin contributes to dual receptor binding property of clade 2.3.4.4 H5 subtype avian influenza viruses	Min Gu	Yangzhou University	China
12:15 - 12:30	PS1-05	Highly pathogenic avian influenza H5N8 in Poland, 2016-2017: epidemiological situation and preliminary assessment of pathogenicity in chickens and ducks	Krzysztof Smietanka	National Veterinary Research Institute	Poland
12:30 - 12:45	PS1-06	Antigenic drift of clade 2.3.4.4 H5 subtype avian influenza viruses	Xiufan Liu	Yangzhou University	China
12:45 - 13:00	PS1-07	Protective efficacy of a bivalent H5N1 inactivated vaccine against challenge with different H5N1 clades and H5N8 avian influenza viruses in chickens	Walid Kilany	Animal Health Research Institute	Egypt
11:15 - 13:00 Parallel Session: Nutrition Chairs: Michael Kogut & Michael Alcorn Location: Fintry Auditorium					
11:15 - 11:30	PS2-01	Host and environmental factors affecting the intestinal microbiota in chickens	Jannigje Kers	Utrecht University	The Netherlands
11:30 - 11:45	PS2-02	Ameliorative effects of distillery sludge (DS) upon different immunopathological alterations induced by ochratoxin A (OTA) in broiler chicks	Aisha Khatoon	University of Agriculture Faisalabad Pakistan	Pakistan
11:45 - 12:00	PS2-03	Modification of ochratoxin A induced immunotoxicity by trichosporon mycotoxinivorans; in-vivo study in broiler chicks	Sheraz Ahmed Bhatti	Bahuddin Zakariya University Multan	Pakistan
12:00 - 12:15	PS2-04	Impacts of brown macro algae on broiler performance and gut microflora	Sarah Haberecht	University of New England	Australia
12:15 - 12:30	PS2-05	L-Carnitine supplementation improves broiler performance in tropics	Umar Farooq	University of Agriculture Faisalabad	Pakistan
12:30 - 12:45	PS2-06	The impact of diets supplemented with medium chain fatty acids on the performance of broilers challenged with <i>Clostridium perfringens</i>	David Hermans	Nuscience	Belgium
12:45 - 13:00	PS2-07	Influencing insulin and glucagon signaling of broiler chicken by maize- or wheat-based diets	Gábor Mátis	University of Veterinary Medicine	Hungary
11:15 - 13:00 Parallel Session: Parasites Chairs: Fiona Tomley & Michael Hess Location: Sidlaw Auditorium					
11:15 - 11:30	PS3-01	Prevalence of selected pathogens in layers kept in alternative housing systems revealed by a longitudinal study – Part I: parasites	Angelika Zloch	University of Veterinary Medicine Vienna	Austria
11:30 - 11:45	PS3-02	Morphological and molecular characterization of heterakis species in reproductive geese flocks	Kamila Bobrek	Wroclaw University of Life Sciences	Poland
11:45 - 12:00	PS3-03	Different kinetics of B cells and T cell subsets (CD3+CD4+CD8-, CD3+CD4-CD8+) are characteristic following vaccination of turkeys and chickens against histomonosis	Dieter Liebhart	University of Veterinary Medicine	Austria
12:00 - 12:15	PS3-04	Efficacy and safety of a new fluralaner systemic treatment against poultry red mite (<i>Dermanyssus gallinae</i>) infestation in layer farms housed in enriched cages	Emmanuel Thomas	Merck Animal Health	United States
12:15 - 12:30	PS3-05	The anarchy in chemical control of <i>dermanyssus gallinae</i> , and the need to establish specific EU regulations: the efforts of a COST action	Olivier Sparagano	Coventry University	United Kingdom
12:30 - 12:45	PS3-06	Comparison of the efficacy of different anticoccidial products in controlling coccidiosis in broilers under experimental conditions	Monita Vereecken	Huvepharma NV	Belgium
12:45 - 13:00	PS3-07	Using genome sequencing and oocyst morphology to decipher cryptic eimeria	Damer Blake	Royal Veterinary College	United Kingdom

11:15 - 13:00					
Parallel Session: Antibiotics					
Chairs: Alessandra Piccirillo & Hafez Hafez					
Location: Lomond Suite					
11:15 - 11:30	PS4-01	The potential of egg shell membrane as antibiotic alternative to improve immunity and health in poultry	Narayan Rath	USDA	United States
11:30 - 11:45	PS4-02	Pharmacokinetics of tilmovet® in chicken: tissue and plasma concentrations	Wouter Depondt	Huvepharma	Belgium
11:45 - 12:00	PS4-03	Prevalence of antimicrobial resistant and pathogenic e. coli as a predictor for microbiological chick quality	Louise Ladefoged Poulsen	University of Copenhagen	Denmark
12:00 - 12:15	PS4-04	Molecular biological identification of methicillin-resistant staphylococcus aureus based on microarray assay in turkey and broiler flocks in Germany	Hafez Mohamed Hafez	Free University Berlin	Germany
12:15 - 12:30	PS4-05	Surveillance of salmonella, escherichia coli and campylobacter prevalence and antimicrobial resistance in sentinel turkey farms in Canada	Agnes Agunos	Public Health Agency of Canada	Canada
12:30 - 12:45	PS4-06	Study on molecular determinants for colistin resistance in avian pathogenic escherichia coli (APEC) from commercial poultry in Italy	Ilias Apostolakos	University of Padova	Italy
12:45 - 13:00	PS4-07	Monitoring of antimicrobial susceptibility of poultry pathogens in The Netherlands, 2015-2016	Jeanine Wiegel	GD Animal Health	The Netherlands
13:00 - 14:00					
Lunch Break / Exhibition					
Location: Lennox Suite					

14:00 - 15:15					
Keynote					
Chairs: Mohammed Munir & Richard Jennison					
Location: Pentland Auditorium					
14:00 - 14:30		Challenges in vaccination against Newcastle disease	Vilmos Palya	Ceva	Hungary
14:30 - 15:00		Technology in the management of poultry health and welfare	Marian Dawkins	Oxford University	United Kingdom

15:15 - 15:45					
Afternoon Coffee Break / Exhibition					
Location: Lennox Suite					

15:45 - 17:15					
Parallel Session: Newcastle Disease					
Chairs: Vilmos Palya & Mohammed Munir					
Location: Pentland Auditorium					
15:45 - 16:00	PS5-01	Host response to Newcastle disease virus challenge in the hardier gland transcriptome	Melissa Deist	Iowa State University	United States
16:00 - 16:15	PS5-02	Expressional analysis of cytokines and chemokines in coloured synthetic female line (CSDL) broilers during virulent Newcastle disease (vND) pathogenesis	Gautham Kolluri	ICAR-Central Avian Research Institute	India
16:15 - 16:30	PS5-03	Phylogenetic characterization of virulent Newcastle disease viruses isolated from commercial poultry in north-western Iran in 2010	Elham Ahmadi	Islaic Azad University	Iran, Islamic Republic Of
16:30 - 16:45	PS5-04	Comparing onset of immunity against NDV challenge of a herpes virus of turkey-double recombinant vaccine containing inserts for Newcastle disease (ND) and infectious bursal disease (IBD) control	Rik Koopman	MSD Animal Health	The Netherlands
16:45 - 17:00	PS5-05	Phylogenetic analysis of Newcastle disease viruses from Bangladesh suggests continuing evolution of genotype XIII	Mohammad Rafiqul Islam	Bangladesh Agricultural University	Bangladesh
17:00 - 17:15	PS5-06	Tracing the origins of Newcastle disease genotype VIIh in Africa	Celia Abolnik	University of Pretoria	South Africa

15:45 - 17:15					
Parallel Session: Enteric Diseases					
Chairs: Robert Moore & Damer Blake					
Location: Finty Auditorium					
15:45 - 16:00	PS6-01	Frequent variation of Brachyspira spp during the life cycle of layers kept in alternative husbandry systems	Claudia Hess	University of Veterinary Medicine	Austria
16:00 - 16:15	PS6-02	Efficacy of Bacillus licheniformis administered in the feed for the control of necrotic enteritis caused by Clostridium perfringens in broiler chickens	Wouter Depondt	Huvepharma	Belgium
16:15 - 16:30	PS6-03	Antimicrobials used for the therapy of necrotic enteritis and coccidiosis in broiler chickens and turkeys in Canada: farm-level results	Agnes Agunos	Public Health Agency of Canada	Canada
16:30 - 16:45	PS6-04	Long-Term Performance of Coccidiosis Control Programs: anticoccidial and vaccine	Linnea Newman	MSD Animal Health	United States
16:45 - 17:00	PS6-05	Investigating the poultry enteric virome: longitudinal sampling of flocks from placement to market	Michael Dav	USDA/ARS	United States
17:00 - 17:15	PS6-06	Comparison of eimeria infection dynamics between broiler flocks with a conventional or on-farm hatching system	Francisca Velkers	Utrecht University, Faculty of Veterinary Medicine	The Netherlands

15:45 - 17:15					
Parallel Session: Management/Poultry Welfare					
Chairs: Marian Dawkins & Richard Jennison					
Location: Lomond Suite					
15:45 - 16:00	PS7-01	Improvement of welfare, health and immunity by using a dual-purpose chicken in an integrated farming concept	Silke Rautenschlein	University of Veterinary Medicine	Germany
16:00 - 16:15	PS7-02	Influence of perches and elevated platforms on broiler walking ability and footpad condition	Eija Kaukonen	University of Helsinki	Finland
16:15 - 16:30	PS7-03	Environmental enrichment influences behaviour as well as immune parameters in turkeys	Rebecca Lindenwald	University of Veterinary Medicine	Germany
16:30 - 16:45	PS7-04	Prevalence of selected pathogens in layers kept in alternative housing systems revealed by a longitudinal study – part II: microorganisms	Angelika Zloch	University of Veterinary Medicine	Austria
16:45 - 17:00	PS7-05	Road transport-related stress in turkeys and its effect on physiological and immunological parameters	Yossi Wein	The Hebrew University of Jerusalem	Israel
17:00 - 17:15	PS7-06	Impact of hatchery sanitation in an antibiotic-free environment	Sue Ann Hubbard	Merck Animal Health	United States

15:45 - 17:15					
Parallel Session: Pathology/Diagnostics					
Chairs: Joan Smyth & Guillermo Zavala					
Location: Sidlaw Auditorium					
15:45 - 16:00	PS8-01	Use of a novel combination of enrichment and semi-quantitative microbiology to improve understanding of pre-placement farm microflora and intestinal flora in poultry	Paul McMullin	Poultry Health Services	United Kingdom
16:00 - 16:15	PS8-02	Comparative pathomorphological studies on the incidence of fractures associated with leg skeletal pathology in commercial broiler chickens	Ivan Dinev	Trakia University	Bulgaria
16:15 - 16:30	PS8-03	Integrating qualitative and quantitative data to enhance veterinary scanning surveillance in poultry in Great Britain	Richard M Irvine	Animal and Plant Health Agency Weybridge	United Kingdom
16:30 - 16:45	PS8-04	Cloacal swabs: an alternative to PCR monitoring and sequencing of infectious bursal disease vaccination	Nadine Cariou	MSD Santé Animale	France
16:45 - 17:00	PS8-05	Subclinical disease in Danish layers - prevalence and aetiology	Ida Thoefner	University of Copenhagen	Denmark
17:00 - 17:15	PS8-06	Re-evaluation of the half-life for two slower growing genetic broiler lines for infectious bursal disease	Rob Vriens	BioChek B.V.	The Netherlands

17:15 - 17:30					
Comfort Break					
<i>All delegates must vacate Pentland Auditorium in order for the room revolving to take place</i>					

17:30 - 19:00					
Boehringer Ingelheim Symposium					
Location: Pentland Auditorium					

Wednesday 6 September



Time	Abstract Number	Title	Presenting Author	Organisation/Institution	Country
7:00 Registration Opens Location: Strathblane Hall					
08:00 - 09:45 Keynote Chairs: Susan Francis, Sjaak de Wit & Aris Malo Location: Pentland Auditorium					
08:00 - 08:30		Avian tumour viruses: their contribution to our understanding of cancer	Venugopal Nair	Pirbright Institute	United Kingdom
08:30 - 09:00		Present and future of poultry vaccines	Michel Bublôt	Boehringer Ingelheim	France
09:00 - 09:30		Virus-induced immunosuppression in poultry	Abdul Rahman Omar	Universiti Putra	Malaysia
09:45 - 10:15 Morning Coffee Break / Exhibition Location: Lennox Suite					
10:15 - 11:15 Keynote Chair: Richard Jones Location: Pentland Auditorium					
10:15 - 11:15		The Avian Pathology Lecture - Genetic analysis of salmonella, e. coli and campylobacter infections in poultry	Mark Stevens	The Roslin Institute	United Kingdom
11:15 - 12:45 CEVA Symposium Location: Pentland Auditorium					
12:45 - 13:45 Lunch Break / Exhibition Location: Lennox Suite					
13:45 - 14:15 Keynote Chair: Janet Bradbury Location: Pentland Auditorium					
13:45 - 14:15		Past, present and future of avian Mycoplasmas in commercial poultry	Anneke Feberwee	GD Animal Health	The Netherlands
14:15 - 14:30 Comfort Break All delegates must vacate Pentland Auditorium in order for the room revolving to take place					
14:30 - 15:30 Parallel Session: Public Health/E.coli/Salmonella/Campylobacter Chairs: Mark Stevens & David Welchman Location: Pentland Auditorium					
14:30 - 14:45	PS9-01	Salmonella spp. contamination of table eggs: Does the age of the hen matter?	Helen Crabb	University of Melbourne	Australia
14:45 - 15:00	PS9-02	Successful use of the "Food Safety Program" by Elanco to support a poultry producer in South-East Asia to control salmonella in its broiler operation	Alexis Kiers	Elanco	Thailand
15:00 - 15:15	PS9-03	In vitro and in vivo pathogenicity of avian pathogenic escherichia coli (APEC) in comparison with human uropathogenic escherichia coli (UREC)	Maciej Kuczkowski	Wroclaw University of Environmental and Life Sciences	Poland
15:15 - 15:30	PS9-04	Comparative genomic analysis of avian pathogenic e. coli and human extra-intestinal pathogenic e. coli belonging to sequence type 95	Steffen Lynge Jorgensen	University of Copenhagen	Denmark
14:30 - 15:30 Parallel Session: Tumour Viruses Chairs: Venugopal Nair & Susan Francis Location: Fintroy Auditorium					
14:30 - 14:45	PS10-01	Lithium chloride inhibits avian leukosis virus subgroup J by suppressing inflammatory responses	Kun Qian	Yangzhou University	China
14:45 - 15:00	PS10-02	Development of a new safe and efficacious serotype 1 Marek's disease vaccine containing a REV LTR insert in its genome	Michel Bublôt	Meriel	France
15:00 - 15:15	PS10-03	Molecular characterization of Marek's disease virus detected in backyard chickens affected by classical nervous form	Giulia Mescolini	University of Bologna	Italy
15:15 - 15:30	PS10-04	The clinical studies on safety and efficacy tests of the meq gene deleted Marek's disease virus vaccines (SC9-1 Strain)	Youchang Liu	Zhongchong Sino Bio-Tech Taizhou Co., Ltd.	China
14:30 - 15:30 Parallel Session: Mycoplasma/other bacterial diseases Chairs: Anneke Feberwee & Janet Bradbury Location: Sidlaw Auditorium					
14:30 - 14:45	PS11-01	Investigations of the virulence of Mycoplasma synoviae	Naola Ferguson-Noel	University of Georgia	United States
14:45 - 15:00	PS11-02	Improved detection of Mycoplasma synoviae antibodies using an enzyme-linked immunosorbent assay	Brenda Glidewell	Georgia Poultry Laboratory Network	United States
15:00 - 15:15	PS11-03	Field evaluation of the efficacy of a Mycoplasma synoviae live vaccine in layers	Xavier Dubord	Laboratoire LCV	France
15:15 - 15:30	PS11-04	Complementation of MS-H vaccine strain with wild-type obg influencing its growth characteristics	Muhammad Shahid	The University of Melbourne	Australia
14:30 - 15:30 Parallel Session: Vaccines Chairs: Michel Bublôt & Sjaak de Wit Location: Lomond Suite					
14:30 - 14:45	PS12-01	HVT-ND-IBD, a double recombinant HVT- vaccine for simultaneous protection against Newcastle disease, infectious bursal disease and Marek's disease	Gerdy ten Dam	MSD Animal Health	The Netherlands
14:45 - 15:00	PS12-02	Efficacy of different vaccination programs of recombinant HVT-NDV vaccine against genotype VII NDV challenge in broiler chickens	Nataya Charoenvisal	Chulalongkorn University Agricultural Research Service,	Thailand
15:00 - 15:15	PS12-03	Evaluation of three vaccine technologies to protect white leghorn chickens from H5N2 clade 2.3.4.4 Gs/GD high pathogenicity avian influenza	David Swayne	United States Department of Agriculture	United States
15:15 - 15:30	PS12-04	Preparation of mucosal nanoparticles and polymer - based inactivated vaccine for ND and H9N2 AI viruses	Ahmed Hussein	Cairo University	Egypt
15:30 - 16:15 Afternoon Coffee Break / Exhibition Location: Lennox Suite					

16:15 - 17:15					
Parallel Session: Public Health/E.coli/Salmonella/Campylobacter					
Chairs: Xavier Dominguez & Francesco Prandini					
Location: Pentland Auditorium					
16:15 - 16:30	PS13-01	Real time colonization characteristics and genomic characterization of campylobacter coli strain OR12	Peter O'Kane	Slate Hall Veterinary Practice	United Kingdom
16:30 - 16:45	PS13-02	Campylobacter jejuni colonization induces gut leakage and permits the translocation of escherichia coli to extra-intestinal organs in chickens	Claudia Hess	University of Veterinary Medicine	Austria
16:45 - 17:00	PS13-03	Changes in the prevalence of salmonella, nonspecific escherichia coli and campylobacter isolates and their resistance to antimicrobials following industry-led interventions in the Canadian poultry industry	Agnes Agunos	Public Health Agency of Canada	Canada
17:00 - 17:15	PS13-04	Early detection of diseases in the field by monitoring volatile organic compounds	Tim Gibson	Robscientific Ltd	United Kingdom
16:15 - 17:15					
Parallel Session: Immunosuppressive Diseases					
Chairs: Abdul Rahman Omar & Aris Malo					
Location: Fintry Auditorium					
16:15 - 16:30	PS14-01	Bursa, thymus and spleen development in broiler breeder pullets vaccinated with a recombinant HVT+IBD vaccine and reared under two feeding programs on new or re-used litter	Enrique Rodolfo Montiel Nava	Meril Select Inc	United States
16:30 - 16:45	PS14-02	Molecular epidemiology of infectious bursal disease virus in Algeria reveals the existence of new reassortant viruses	Mouna Abed	National veterinary School of Algeria	Algeria
16:45 - 17:00	PS14-03	Pathogenicity of a new Italian genotype of infectious bursal disease virus in SPF chickens	Caterina Lupini	University of Bologna	Italy
17:00 - 17:15	PS14-04	Application of MSSCP for genetic characterization and differentiation of infectious bursal disease virus	Anna Pikula	National Veterinary Research Institute	Poland
16:15 - 17:15					
Parallel Session: Mycoplasma/other bacterial diseases					
Chairs: Naola Ferguson-Noel & Christopher Morrow					
Location: Sidlaw Auditorium					
16:15 - 16:30	PS15-01	Development of a multiple-locus variable-number tandem repeat analysis (MLVA) method and the comparative genetic characterization of Mycoplasma synoviae isolates from Central and Eastern-Europe	Miklós Gyuranecz	Centre for Agricultural Research	Hungary
16:30 - 16:45	PS15-02	Quantification and tissue distribution of Mycoplasma gallisepticum and infectious bronchitis virus in experimentally co-infected specific pathogen-free chickens	Dauda Bwala	University of Pretoria	South Africa
16:45 - 17:00	PS15-03	Development and experience with live Mycoplasma vaccines for turkeys	Chris Morrow	Bioproperties	Australia
17:00 - 17:15	PS15-04	Infectious coryza outbreaks in Dutch commercial layer flocks	Remco Dijkman	GD Animal Health	The Netherlands
16:15 - 17:15					
Parallel Session: Vaccines					
Chairs: Elena Catelli & Helen Houghton					
Location: Lomond Suite					
16:15 - 16:30	PS16-01	Analysis of the tropism of recombinant infectious bronchitis viruses and their ability to confer protection against homologous challenge	Lonneke Vervelde	The Roslin Institute and R(D)SVS	United Kingdom
16:30 - 16:45	PS16-02	Changing the vaccination strategies has an impact on IBV QX population dynamics and clinical outbreaks	Giovanni Franzo	Padua University	Italy
16:45 - 17:00	PS16-03	Compatibility and interactions of Poulvac IBMM+Ark with Poulvac NDW, Poulvac Bursa Plus and Poulvac E. coli	Harm Geerligs	Zoetis	Belgium
17:00 - 17:15	PS16-04	Development and efficacy of an attenuated TW-1 like infectious bronchitis virus strain as a candidate live vaccine for chickens in China	Xiaorong Zhang	Yangzhou University	China
17:15 - 17:30					
Comfort Break					
All delegates must vacate Pentland Auditorium in order for the room revolving to take place					
17:30 - 19:00					
MSD Animal Health Symposium					
Location: Pentland Auditorium					

Thursday 7 September



Time	Abstract Number	Title	Presenting Author	Organisation/Institution	Country
7:00 Registration Opens Location: Strathblane Hall					
08:00 - 09:45 Keynote Chairs: Jane Cook, Keith Warner & Damer Blake Location: Pentland Auditorium					
08:00 - 08:30		Infectious bronchitis virus: Genetic diversity and challenges for control	Mark Jackwood	University of Georgia	United States
08:30 - 09:00		The challenges of FLAWSS in poultry veterinary practice	Hannes Swart	Avimune	RSA
09:00 - 09:30		Necrotic enteritis in broilers: an understanding of pathogenesis leads to successful experimental vaccine development	Robert Moore	RMT University	Australia
09:45 - 10:15 Morning Coffee Break / Exhibition Location: Lennox Suite					
10:15 - 11:30 Parallel Session: Infectious Bronchitis Chairs: Mark Jackwood & Jane Cook Location: Pentland Auditorium					
10:15 - 10:30	PS17-01	Report of the proficiency testing scheme (PTS) organized in the framework of WG1 & 4 within the COST Action FA1207: Towards control of avian coronaviruses strategies for diagnosis, surveillance and vaccination 2016	Siamak Zohari	National Veterinary Institute	Sweden
10:30 - 10:45	PS17-02	Increased population homogeneity in ArkDPI vaccine precludes emergence of subpopulations after challenge	Haroldo Toro	Auburn University	United States
10:45 - 11:00	PS17-03	New findings on the genetic correlation between Q1 and 6241 genotypes of infectious bronchitis virus	Andrea Laconi	University of Liverpool	Italy
11:00 - 11:15	PS17-04	Phylogeny and evolution of infectious bronchitis virus in Chile	Miguel Guzmán	Universidad de Chile	Chile
11:15 - 11:30	PS17-05	Identification and characterization of a Middle-East GI-23 lineage of infectious bronchitis virus in Poland	Kasia Domanska-Blicharz	National Veterinary Research Institute	Poland
10:15 - 11:30 Parallel Session: Bacterial Diseases Chairs: Wil Landman & Charles Hofacre Location: Fintry Auditorium					
10:15 - 10:30	PS18-01	An insight into the evolution of gallibacterium species associated poultry	Anders Miki Bojesen	University of Copenhagen	Denmark
10:30 - 10:45	PS18-02	The use of various "omics" for the understanding of avibacterium paragallinarum	Robert Bragg	University of the Free State	South Africa
10:45 - 11:00	PS18-03	Genotypes of escherichia coli strains isolated from bone marrow of broilers do	Sunya Paudel	University of Veterinary	Austria
11:00 - 11:15	PS18-04	Absence of chlamydiae in Swiss fattening turkey farms	Sarah Albini	University of Zurich	Switzerland
11:15 - 11:30	PS18-05	Variants of ornithobacterium rhinotracheale in chicken and turkey	Martin Metzner	Ripac-Labor	Germany
10:15 - 11:30 Parallel Session: Immunosuppressive Diseases Chairs: Enrique Montiel & Silke Rautenschlein Location: Sidlaw Auditorium					
10:15 - 10:30	PS19-01	Comparative study of four IBD intermediate plus vaccines in broiler chickens	Marc Castells Ripoll	Elanco	Spain
10:30 - 10:45	PS19-02	Sequence analyses and comparison of VP2 gene of Infectious bursal disease virus isolates and vaccine strains used in Ukraine	Anna Pastyria	Center of Veterinary Diagnostics	Ukraine
10:45 - 11:00	PS19-03	High viral load of Marek's disease virus in bone marrow tissue of chickens	Zeljko Gottstein	University of Zagreb	Croatia
11:00 - 11:15	PS19-04	Identification of critical residues of chNHE1 binding with ALV-J envelope protein	Yulong Gao	Harbin Veterinary Research Institute, Chinese Academy of Agricultural Sciences	China
11:15 - 11:30	PS19-05	Effects of avian reovirus infection on expression of innate immune genes in peripheral blood lymphocytes of SPF chickens	Zhixun Xie	Guangxi Veterinary Research Institute	China
10:15 - 11:30 Parallel Session: Other Virus Diseases Chairs: Joanna Devlin & Guillermo Zavala Location: Lomond Suite					
10:15 - 10:30	PS20-01	Spread of the newly emerging infectious laryngotracheitis viruses in Australia	Amir Noormohammadi	The University of Melbourne	Australia
10:30 - 10:45	PS20-02	Presence of DNA extracellular traps but not MUC5AC and MUC5B mucin in mucoid plugs/casts of infectious laryngotracheitis virus (ILTV) infected tracheas of chickens	Vishwanatha Reddy Avalakuppa Papi Reddy	The Pirbright Institute	United Kingdom
10:45 - 11:00	PS20-03	Comparison of serological results from 3 different vaccination programmes with inactivated vaccine against avian metapneumovirus (aMPV) in Colombia	Javier Sanz Corella	Hipra	Spain
11:00 - 11:15	PS20-04	Utilization of a commercial chicken astrovirus group B ELISA to investigate the seroprevalence of chicken astrovirus in broiler breeders associated with "White Chick" disease in the US and Canada	Gwenlyan Slacum	Biochek USA Corp	United States
11:15 - 11:30	PS20-05	Emergence of new avian reovirus variants from clinical cases of tenosynovitis	Holly Sellers	University of Georgia	United States
11:30 - 11:45 Comfort Break All delegates must vacate Pentland Auditorium in order for the room revolving to take place					
11:45 - 12:45 Keynote Chair: Philip Hammond Location: Pentland Auditorium					
11:45 - 12:45		Keith Gooderham Waterfowl Lecture - Breeding history of the pekin duck industry with emphasis on the last 25 years	William Lee	Maple Leaf Farms	United States
12:45 - 13:45 Lunch Break / Exhibition Location: Lennox Suite					
13:45 - 14:45 Keynote Chairs: Daniel Pearson & Eva Nagy Location: Pentland Auditorium					
13:45 - 14:15		Breeding for genetic resistance	Susan Lamont	Iowa State University	United States
14:15 - 14:45		The role of vaccines in ILTV recombination and evolution	Joanne Devlin	University of Melbourne	Australia
14:45 - 15:15 Afternoon Coffee Break / Exhibition Location: Lennox Suite					

15:15 - 16:45				
Parallel Session: Infectious Bronchitis Chairs: Kannan Ganapathy & Haroldo Toro Location: Pentland Auditorium				
15:15 - 15:30	PS21-01	Detection of a novel recombinant (QX - 793/B) variant of infectious bronchitis virus, related to the xindadi (XDN) type, from a layer flock in Austria	Ivana Bilic	University of Veterinary Medicine Austria
15:30 - 15:45	PS21-02	Differential immunopathogenesis of virulent infectious bronchitis viruses in SPF chicks	Rajesh Chhabra	Lala Lajpat Rai University of Veterinary and Animal Sciences India
15:45 - 16:00	PS21-03	Efficacy of combination of infectious bronchitis vaccines including different Mass and 793B genotypes products against a D388 (QX) or Q1 challenge in commercial broilers and SPF layers	Jacobus De Wit	GD Animal Health The Netherlands
16:00 - 16:15	PS21-04	Protection conferred by heterologous live IBV vaccination is associated with local and cell-mediated immunity	Kannan Ganapathy	University of Liverpool United Kingdom
16:15 - 16:30	PS21-05	The efficacy of boosting volvac mass MLV (D0) and 793B (D14) vaccinated SPF pullets with a single of double application of the IB component of the multivalent inactivated vaccine volvac ND + IB + EDS KV (B1) against a M41, 793B, D388 (QX), Q1 and variant 2 challenge	Jacobus De Wit	GD Animal Health The Netherlands
16:30 - 16:45	PS21-06	Recombinant IBV detection and vaccination efficacy. A case report	Elisa Russo	MSD Animal Health Italy

15:15 - 16:45				
Parallel Session: Bacterial Diseases Chairs: Robert Bragg & Jens Christensen Location: Fintry Auditorium				
15:15 - 15:30	PS22-01	Scanning surveillance of enterococcus sp infections in British broilers: a pathology study of carcass submissions to Animal and Plant Health Agency	Alex Schock	APHA Lasswade United Kingdom
15:30 - 15:45	PS22-02	Differences in susceptibility to experimental enterococcus cecorum infections in broilers and adult broiler breeders	Ida Thoenner	University of Copenhagen Denmark
15:45 - 16:00	PS22-03	Increased severity of infectious coryza following co-infection of chickens with avibacterium paragallinarum and gallibacterium anatis can be minimized by vaccination	Surya Paudel	University of Veterinary Medicine Vienna Austria
16:00 - 16:15	PS22-04	A novel plasmid-encoded virulence gene cluster contributes to virulence of avian pathogenic escherichia coli	Charles Martin Dozois	INRS Canada
16:15 - 16:30	PS22-05	Identification of avian pathogenic e. coli based on latent class analysis of virulence associated genes	Olga Zorman Rojs	University of Ljubljana Slovenia
16:30 - 16:45	PS22-06	Coligranuloma (Hjärre and Wramby's disease) reconsidered	Wil Landman	GD Animal Health The Netherlands

15:15 - 16:45				
Parallel Session: Other Avian Species, Clinical Case Reports & Key Studies Chairs: Hannes Swart & Khaled Hussein Location: Sidlaw Auditorium				
15:15 - 15:30	PS23-01	Impact of field viral circulation on turkey performances in France	Guillaume Perreul	Meriel France
15:30 - 15:45	PS23-02	An European Union ostrich farming welfare assurance scheme	Clive Madeiros	West Bar Veterinary Hospital United Kingdom
15:45 - 16:00	PS23-03	A field outbreak of coccidiosis/tyzzeria in point of lay backyard ducks	Cristina Garcia-Rueda	APHA-Lasswade United Kingdom
16:00 - 16:15	PS23-04	A veterinary practitioners case report on an outbreak of fowl typhoid (salmonella gallinarum) on a very large colony cage laying unit based in Northern Ireland during 2012. The report outlines the clinical signs, diagnosis and how the outbreak was contained on this farm, including C&D	Ian Stewart	Parklands Veterinary Group United Kingdom
16:15 - 16:30	PS23-05	PCR-monitoring of histomonosis outbreaks in commercial meat turkey flocks treated with paromomycin	Tarik Sulejmanovic	Clinic for Poultry and Fish Medicine Austria
16:30 - 16:45	PS23-06	Atypical case of dermatophytosis in commercial layer breeders in Canada	Elise Myers	Merck Animal Health Canada Canada

15:15 - 16:45				
Parallel Session: Vaccines Chairs: Brian Jordan & Holly Sellers Location: Lomond Suite				
15:15 - 15:30	PS24-01	Marek's disease: focus on the practical aspects of vaccination	Wil J. M. Landman	GD Animal Health The Netherlands
15:30 - 15:45	PS24-02	Fowl avian adenovirus 4 (FAdV-4) based infectious clone as a tool for viral gene function studies and a platform for vaccine development	Eva Nagy	University of Guelph Canada
15:45 - 16:00	PS24-03	Yeast cell wall fractions as immune modulators: The adjuvant effect of β -1,3/1,6 glucans extracted from saccharomyces cerevisiae yeast in chickens vaccinated against viral diseases	Tadele Kiros	Phileo-Lesaffre Animal Care Canada
16:00 - 16:15	PS24-04	SG9R for fowl typhoid prevention: suggestion of a suitable vaccination program	Jacqueline Boldrin De Paiva	BioCamp Laboratórios Ltda Brazil
16:15 - 16:30	PS24-05	Immunogenicity evaluation of full-length and truncated transmembrane virulence protein <i>iss</i> from avian pathogenic escherichia coli (APEC)	Wouter Van Der Westhuizen	University of the Free State South Africa
16:30 - 16:45	PS24-06	E. coli vaccination, a successful tool to reduce the use of antibiotics for colibacillosis treatment in broiler production	Charles Facon	Labovet Conseil - Reseau Cristal France

16:45 - 17:00	Comfort Break <i>All delegates must vacate Pentland Auditorium in order for the room revolving to take place</i>			
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17:00 - 17:30	WVPA Open Forum Location: Pentland Auditorium			
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17:30 - 18:15	General Business Meeting Location: Pentland Auditorium			
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19:00 - 00:00	WVPA 2017 Gala Dinner Location: National Museum of Scotland <i>Please note this is a ticketed event</i>			
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Friday 8 September



Time	Abstract Number	Title	Presenting Author	Organisation/Institution	Country
7:00 Registration Opens Location: Strathblane Hall					
08:00 - 09:00 Keynote Chairs: Hafez Hafez & Paul McMullin Location: Pentland Auditorium					
08:00 - 08:30		Use of antimicrobials and antimicrobial resistance in the poultry industry	Alessandra Piccirillo	University of Padua	Italy
08:30 - 09:00		The importance of pathology in diagnostics of poultry diseases	Joan Smyth	University of Connecticut	United States
09:00 - 09:15 Comfort Break All delegates must vacate Pentland Auditorium in order for the room revolving to take place					
09:15 - 10:15 Parallel Session: Avian Influenza Chairs: David Suarez & Munir Iqbal Location: Pentland Auditorium					
09:15 - 09:30	PS25-01	Co-circulation of zoonotic avian influenza H5N1 and H9N2 in Egypt: Evolutionary dynamics, diagnostic challenges and pathogenetic implications	Mahmoud Naquib	Friedrich Loeffler Institute	Germany
09:30 - 09:45	PS25-02	Comparison of the pathogenesis of recent US H5N2 and H7N8 highly pathogenic avian influenza virus isolates in turkeys	Erica Spackman	SepriL, USDA-ARS	United States
09:45 - 10:00	PS25-03	Virulence potential of German low pathogenic H7 avian influenza viruses from 2001 to 2015 in chickens after acquisition of hemagglutinin multibasic cleavage site	El-Sayed Abdelwhab	Federal Research Institute for Animal Health	Germany
10:00 - 10:15	PS25-04	Simultaneous detection of eight subtypes of avian influenza A viruses by multiplex reverse transcription-PCR using a GeXP analyser	Zhixun Xie	Guangxi Veterinary Research Institute	China
09:15 - 10:15 Parallel Session: Clinical Case Reports & Key Studies Chairs: Keith Warner & Alan Pearson Location: Sidlaw Auditorium					
09:15 - 09:30	PS26-01	Hepatic and intestinal abnormalities of undefined origin in layer breeders and commercial layers	Guillermo Zavala	Avian Health International, LLC	United States
09:30 - 09:45	PS26-02	Increased liver tissue iron content in turkeys suffering from hepatic lipidosis syndrome as a result of infection?	Dmytro Radko	Elanco Animal Health GmbH	Germany
09:45 - 10:00	PS26-03	Cases study of peripheral neuropathy in commercial layers	László Kőrösi	Rhone Vet Kft	Hungary
10:00 - 10:15	PS26-04	Salmonella arizonae natural case and experimental infection in commercial broiler chicks in United States	Tina Yun-Ting Wang	Huvepharma Inc	United States
09:15 - 10:15 Parallel Session: Management/Poultry Welfare Chairs: Ben Huntington & Claire Knott Location: Fintry Auditorium					
09:15 - 09:30	PS27-01	Keel bone fractures in laying hens in Denmark - prevalence and aspects of the pathogenesis	Jens Peter Christensen	University of Copenhagen	Denmark
09:30 - 09:45	PS27-02	In ovo sex determination in the domestic chicken by near-infrared raman spectroscopy	M-E Krautwald-Junghanns	University Leipzig	Germany
09:45 - 10:00	PS27-03	Scoring biosecurity in European conventional broiler production	Tommy Van Limbergen	Ghent University	Belgium
10:00 - 10:15	PS27-04	A descriptive study of biosecurity practices in foie-gras duck farms in South West of France	Mattias Delpont	National Veterinary College of Toulouse (ENVT)	France
09:15 - 10:15 Parallel Session: Vaccines Chairs: Vicky Van Santen & Jane Cook Location: Lomond Suite					
09:15 - 09:30	PS28-01	A toolbox for veterinarians to win the commitment of broiler growers for vaccination against escherichia coli	Jocelyn Marguerie	Reseau Cristal	France
09:30 - 09:45	PS28-02	In ovo vaccines based on recombinant NetB toxin and montanide IMS adjuvants induced protective immunity against necrotic enteritis in chickens	Heloise Imbault	Seppic SA	France
09:45 - 10:00	PS28-03	Vaccination of broilers with a live escherichia (e.) coli vaccine leads to a reduction of antibiotic treatments	Stephani Fischer	Zoetis	Germany
10:00 - 10:15	PS28-04	Comparison of gel and spray application of coccidia vaccines	Brian Jordan	The University of Georgia	United States
10:15 - 11:00 Morning Coffee Break / Exhibition Location: Lennox Suite					
11:00 - 12:00 Parallel Session: Avian Influenza Chairs: Erica Spackman & Ruth Bouwstra Location: Pentland Auditorium					
11:00 - 11:15	PS29-01	Effective reporting thresholds for early detection of avian influenza outbreaks in layer chickens	Jose L Gonzales	Wageningen Bioveterinary Research	The Netherlands
11:15 - 11:30	PS29-02	Spatial-environmental risk analysis of low pathogenic avian influenza virus infections in different Dutch poultry sectors	Ruth Bouwstra	GD Animal Health	The Netherlands
11:30 - 11:45	PS29-03	Heat inactivation of avian influenza virus in chicken litter as a means to decontaminate poultry houses	Chris Stephens	SEPRL, USDA-ARS	United States
11:45 - 12:00	PS29-04	Nature and quantification of visits of wild (bird) fauna to the free-range facility of a commercial poultry layer farm in The Netherlands in the framework of avian influenza risk	Armin Eibers	Wageningen Bioveterinary Research	The Netherlands
11:00 - 12:00 Parallel Session: Nutrition Chairs: Stephen Pritchard & Kenny Nutting Location: Fintry Auditorium					
11:00 - 11:15	PS30-01	Effect of dietary supplementation of herbal products on broiler growth performance, gut health and meat quality	Ilias Giannenas	Aristotle University of Thessaloniki	Greece
11:15 - 11:30	PS30-02	Productive performance, immune response and egg quality traits of laying turkeys fed diet incorporated with selenium	Avishek Biswas	ICAR- Central Avian Research Institute	India
11:30 - 11:45	PS30-03	Long term evaluation of performance and carcass composition of coccidiosis vaccinated broilers fed commercial diets with and without salinomycin	Ivan Alvarado	MERCK	United States
11:45 - 12:00	PS30-04	Comparative glomerular filtration rate in five different poultry species by determining the plasma endo- and exo-iohexol clearance	Gunther Antonissen	Ghent University	Belgium

11:00 - 12:00					
Parallel Session: Pathology/Diagnostics					
Chairs: Paul McMullin & Alex Schock					
Location: Sidlaw Auditorium					
11:00 - 11:15	PS31-01	Recombinant fiber proteins enable sensitive and species-specific detection of antibodies against clinically relevant fowl aviadenoviruses (FAdVs) in chickens	Franziska Feichtner	University of Veterinary Medicine	Austria
11:15 - 11:30	PS31-02	Retrospective survey of proventriculitis cases through histopathology surveillance in Great Britain: 2000-2015	Cristina Garcia-Rueda	APHA-Lasswade	United Kingdom
11:30 - 11:45	PS31-03	Clinical and pathological pictures of H5 HPAI in galliforms and waterfowl, France, 2015-2017: a comparative study	Jean-Luc Guerin	National Veterinary College of Toulouse	France
11:45 - 12:00	PS31-04	The development of a respiratory panel qPCR assay combining ILT, ART and IBV or NDV plus AI	Luuk Stoker	BioChek B.V.	The Netherlands
11:00 - 12:00					
Parallel Session: Other Viruses					
Chairs: Mattia Ceccinato & Amir Noormohammadi					
Location: Lomond Suite					
11:00 - 11:15	PS32-01	Avian encephalomyelitis cases in 2015 - 2016 in Poland	Kasia Domanska-Blicharz	National Veterinary Research Institute	Poland
11:15 - 11:30	PS32-02	In vivo studies confirm FAdV-1 as the etiological agent of adenoviral gizzard erosions seen in replacement pullets and layer flocks in the UK	Beatrice Grafl	University for Veterinary Medicine Vienna	Austria
11:30 - 11:45	PS32-03	Gizzard erosions in broiler chickens in Sweden 2016 caused by fowl adenovirus, species A (FAdV-A)	Ylva Lindgren	National Veterinary Institute	Sweden
11:45 - 12:00	PS32-04	Fowl aviadenovirus-induced pancreatitis leads to dysmetabolic conditions in broilers	Miguel Matos	University of Veterinary Medicine Vienna	Austria
12:00 - 12:30					
WVPA 2017 Closing Ceremony					
Location: Pentland Auditorium					