

Programme for the Meeting

Wednesday 17th January 2018

8:00-9:00	Registration and Coffee
9:00-9:15	Welcome and Inauguration
Chair	Prof Fiona Tomley, Royal Veterinary College, UK
9:15-40	Prof Venugopal Nair, The Pirbright Institute, UK Global control of avian diseases: Challenges and opportunities
9:40-9:55	Prof Ian Brown, Animal and Plant Health Agency, UK Continued challenges to global food security and veterinary public health from Avian Influenza
9:55-10:10	Dr Michael A. Skinner, Imperial College London, UK Transcriptomic approaches to analysis of avian innate responses and viral immunomodulation
10:10-10:25	Dr Muhammad Munir, The Pirbright Institute, UK Avian functional genomics and innate immunity
10:25-11:00	Coffee Break and Poster Viewing
Chair	Prof Venugopal Nair, The Pirbright Institute, UK
11:00-11:20	Dr David Suarez, USDA-Agricultural Research Service, Athens, GA, USA A standardized transmission model for avian influenza in poultry
11:20-11:40	Prof. Munir Iqbal, The Pirbright Institute, UK H9N2 avian influenza viruses: impact of immune pressure on virus antigenicity, receptor binding and zoonotic potential.
11:40-11:55	Dr Kirill Sharshov, RIECM, Russia Avian Influenza Surveillance: Reassortant Clade 2.3.4.4 Avian Influenza H5N8 virus in Russia (2016-2017)
11:55-12:10	Prof. Chan Ding, Chinese Academy of Agricultural Sciences, China NDV Induced Stress Granules to Boost Viral Replication
12:10-12:25	Prof Hui-Wen Chen, National Taiwan University, Taiwan Assessment of Genetic, Antigenic, and Pathological Features of H6 Avian Influenza Virus in Taiwan
12:25-13:30	Lunch and Poster Viewing
Chair	Prof Jacob Pitcovski, MIGAL – Galilee Technology Center, Israel
13:30-13:55	Prof Dirk Pfeiffer, Royal Veterinary College, UK The interaction between birds, people and avian influenza
13:55-14:10	Ms Harmois, Idvet New qPCR tool for a DIVA strategy to differentiate Mycoplasma synoviae field strain infected birds from MS1 vaccinated birds
14:10-14:25	Dr Ken Inui (Loth) National Center for Veterinary Diagnosis, Vietnam Pen-side PCR; a new tool to combat Avian Influenza in Poultry in Viet Nam
14:25-14:40	Dr Kannan Ganapathy, University of Liverpool, UK Immune kinetics in the turbinate and trachea of vaccinated and unvaccinated broiler chicks following infectious bronchitis virus M41 challenge
14:40-15:05	Dr Suresh Kuchipudi, Pennsylvania State University, United States NLRC5 negatively regulates type 1 interferon response to Influenza A virus infection in chicken cells
15:05-16:00	Coffee Break and Poster Viewing
Chair	Prof. Munir Iqbal, The Pirbright Institute, UK
16:00- 16:20	Prof Jue Liu, Institute of Animal Husbandary & Veterinary Medicine, Beijing Pathogenesis and control of avian metaneumovirus subgroup C infection in poultry
16:25-16:45	Prof Amal A.M.Eid, Zagazig University, Zagazig, Egypt The recent historic perspective of avian paramyxovirus-1 among poultry in Egypt
16:45-17:00	Dr Yongxiu Yao, The Pirbright Institute, UK Genome editing of avian herpesviruses for studying viral pathogenesis and developing recombinant vaccine
17:00-17:15	Prof Yulong Gao, Harbin Veterinary Research Institute, China Genetic variation, Pathogenic mechanism and control of avian leukosis virus subgroup J in China
17:15-17:30	Dr Honglei Sun, China Agricultural University, China Comparison of pathogenic potential of clade 2.3.4.4 highly pathogenic avian influenza H5N2, H5N6 and H5N8 viruses isolated in China
17:30-19:00	Drinks and Poster Viewing

Thursday 18th January 2018

Chair	Prof Abdul Omar, Institute of BioScience, UPM, Malaysia
8:30-8:55	Prof Fiona Tomley, Royal Veterinary College, UK New approaches to the control of coccidial parasites in poultry
8:55-9:15	Prof Jacob Pitcovski, MIGAL – Galilee Technology Center, Israel Is an updated NDV vaccine needed?
9:15-9:30	Dr Helene Verheije, Utrecht University, Netherland Recombinant live attenuated IBV vaccines with deletions in the accessory genes 3ab and/or 5ab protect against infectious bronchitis in chickens
9:30-9:45	Prof. Jae Yong Han, Seoul National University, South Korea Disease control strategies using PGC-mediated genome editing in avian species
9:45-10:00	Dr Diwakar Santhakumar, , The Pirbright Institute, UK Avian IFN kappa: a novel cytokine with antiviral activities
10:00-10:30	Coffee Break and Poster Viewing
Chair	Dr Muhammad Munir, The Pirbright Institute, UK
10:30-10:55	Prof Abdul Omar, Institute of BioScience, UPM, Malaysia Progress and challenges in vaccination against Newcastle disease virus
10:55-11:15	Dr Andrew Broadbent, The Pirbright Institute, UK Differential gene expression in chicken primary B cells infected ex vivo with attenuated and very virulent strains of infectious bursal disease virus (IBDV)
11:15-11:30	Dr Holly Shelton, The Pirbright Institute, UK The Influenza A virus PB1-F2 protein attenuates pathogenicity yet enhances virus transmission in chickens via innate immune dysregulation
11:30-11:45	Dr Mingyang Wang, China Agricultural University, China Cellular immunity and antibodies against NP elicited by H9N2 live influenza attenuated vaccine enables chickens heterogenous protection against H5N2 influenza virus
11:45-12:00	Dr Stephen Dunham, University of Nottingham, UK Harnessing phospholipids to combat influenza A infection
12:00- 13:00	Lunch and Poster Viewing
13:00- 15:00	Round Table Group Discussion Group 1: Developing Countries: Challenges, Priorities and Oppertunities ; Moderator: Prof Abdul Omar Group 2: Academic: Challenges, Priorities, and Oppertunities; Moderator: Dr David Surez Group 3: Industry: Challenge, Priorities, and Oppertunities; Moderator: Dr Zoltan PENZES
15:00-20:00	Visit to Hanoi Old Quarter and Conference Dinner for all participants at Mai Son Sen restaurant: No 61 Tran Hung Dao, Hoan Kiem district, Hanoi. Phone: +84 24 3944 9735

Friday 19th January 2018

Chair	Prof Ian Brown, Animal and Plant Health Agency, UK
8:30-9:00	Prof YOSHIHIRO KAWAOKA, University of Tokyo, Japan A highly pathogenic avian H7N9 influenza virus isolated from a human is lethal in some ferrets infected via respiratory droplets
9:00-9:15	Dr Janet Daly, University of Nottingham, UK Regulation of the phosphatidylinositol-3-kinase (PI3K-Akt) pathway in influenza A virus-infected avian cells
9:15- 9:30	Anabel Clements, The Pirbright Institute, UK Identification of segment 3 sequence polymorphisms which alter shut off activity and pathogenicity of H9N2 avian influenza viruses in vivo.
9:30-9:45	Dr Juan Pu, China Agricultural University, China M Gene Reassortment in H9N2 Influenza Virus Promotes Early Infection and Replication: Contribution to Rising Virus Prevalence in Chickens in China
9:45-10:00	Dr Erica Bickerton, The Pirbright Institute, UK Development of rationally attenuated live vaccines for effective control of infectious bronchitis
10:10:30	Coffee Break and Poster Viewing
Chair	Dr Janet Daly, University of Nottingham, UK
10:30-10:50	Prof Jonathan Rushton, University of Liverpool, UK How should we be prioritising avian diseases? The need for estimates of the global burden of avian diseases
10:50-11:05	Dr Clive Madeiros, West Bar Veterinary Hospital, UK The Socio-economic impact of the 2017 Bird Flu outbreak on the Ostrich industry in South Africa and how to mitigate the disease adverse effects
11:05-11:20	Prof. Aijian Qin, Yangzhou University, China Combating avian tumour diseases for sustainable poultry production
11:20-11:35	Prof. Hussein A Hussein, Cairo University, Egypt H9N2 reassortant avian influenza viruses are circulating in chicken in Egypt during 2015
11:35-11:50	Vera YANG/Sébastien Deville Comparison of adjuvant technologies for poultry vaccines
11:50-12:05	Ashraf Hussein, Zagazig University, Zagazig, Egypt Characterization of Avian Influenza Virus Hemagglutinin from Egyptian Chicken Flocks during 2016 Outbreaks
12:05-12:20	Dr J. M. K. J. K. Premarathne, Wayamba University of Sri Lanka Isolation and characterization of E. coli specific bacteriophages
12:20-12:30	Prof Venugopal Nair, Prof Munir Iqbal and Dr Muhammad Munir Closing remarks
12:30 - 14:00	Lunch and Poster Viewing