

Aerosols

Newsletter of the World
Veterinary Poultry Association



Editor – Charles Hofacre

Contents

President's message	1
WVPA Asia Meeting 2016	2-3
Book review	4
Award winners	4
TMV and AI H5N8 in Israel	5
Branch reports: Austria	7
Branch reports: Czech Republic	8
Branch reports: Hungary, Iraq	9
Branch reports: Malaysia, Korea, Thailand	10
Branch reports: Pakistan	11
Branch reports: USA	12-13
UK vets meet in Edinburgh	15
Diary of meetings 2017/18	17
National contacts for WVPA	18

President's message

It's 10.00am and I have just concluded a late breakfast in my Bangkok hotel. Needless to say, this is quite unusual for me but there were reasons. Firstly, my flight back from Kuala Lumpur from a successful first meeting about the 2018 Asia Meeting was delayed and I did not get to my hotel until 1.30am and, secondly, I had an interview with a journalist from a global newspaper on AI.

This brings me to the key word of communication. WVPA is all about communication of information, whether between members or from academia and research to their colleagues in industry and practice.

Two recent developments in communication within WVPA will be launched in the next couple of weeks. The first of these is a scheme under which we will use the WVPA's part of congress profits to provide travel grants. This will enable WVPA branches to invite international speakers, usually from research or academia, to speak at their meetings.

The second of these will be the launch of the WVPA-Ceva Digital Library. Already this has over a thousand papers on it that can be searched by word, subject or author, with the number growing daily.

However, communication starts at the grass roots of an organisation and it is very pleasing to see so many great contributions from branches in this issue of Aerosols. I wonder if we will see an issue of Aerosols in the future that carries a contribution from every branch?

Nigel Horrox

Visit: www.wvpa.net

For more information on the association, membership, grants and awards, publications, meetings and links to related websites

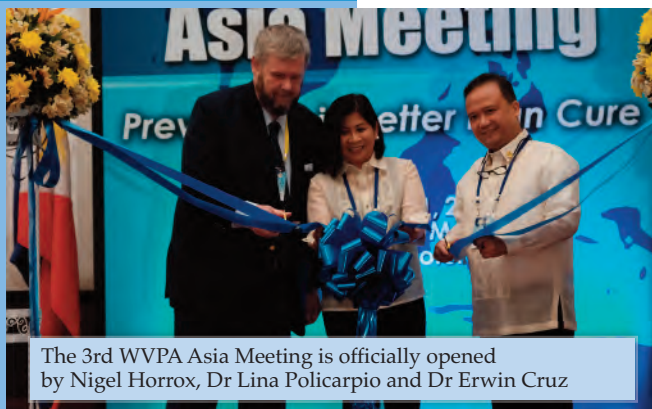
WVPA Asia Meeting 2017



The local organising committee



An attentive audience!



The 3rd WVPA Asia Meeting is officially opened by Nigel Horrox, Dr Lina Policarpio and Dr Erwin Cruz

Last October, the 3rd WVPA Asia Meeting was hosted by our Philippines Branch in Manila. The meeting attracted attendees from across the region as well as from further afield, including a small delegation from Morocco.

These pictures should give you a feel for the event, which



A token of appreciation that was given to speakers by the Filipino hosts



Your president meets with officers of the recently reconstituted Indian Branch



Presentation of the WVPA-Zoetis Young Poultry Veterinarian Award to Dr Dennis Umali



Lively questioning from the floor

Gold Supporters



Silver Supporters



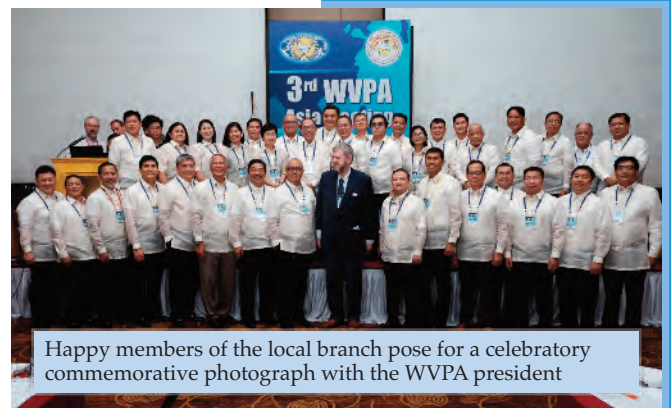
Bronze Supporters

Heritage Veterinary Corporation

6 – Manila, Philippines



The WVPA president addresses the meeting



Happy members of the local branch pose for a celebratory commemorative photograph with the WVPA president

also included the Asian Avian Pathology Lecture and the presentation of two WVPA Awards.

The first day comprised a series of excellent technical presentations from the commercial companies who supported the event, while the second day comprised submitted papers.

The next WVPA Asia Meeting will be held in Kuala Lumpur, Malaysia in 2018



Prof. Richard Jones of the Houghton Trust introduces the 3rd Asian Avian Pathology Lecture



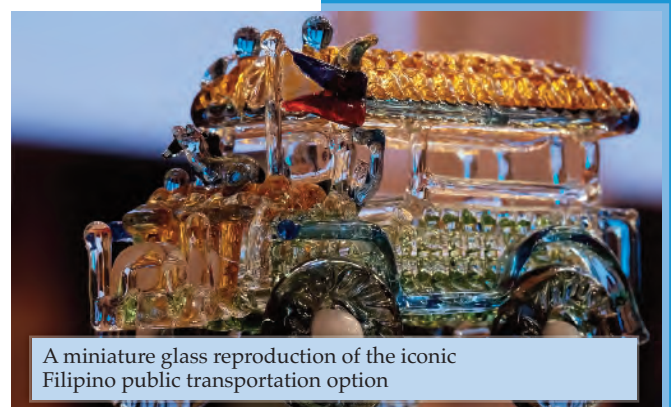
The WVPA-Merial Innovation in Vaccination Award was presented to Prof. Dr Mohd Hair Bejo in absentia and collected by his colleague Abdul Rahman Omar



The breaks provided great networking opportunities



A big thank you and boxes of chocolates for the organisers



A miniature glass reproduction of the iconic Filipino public transportation option

Book Review

Colour Atlas of Veterinary Pathology II. Pathology of domestic birds

This colour atlas of avian pathology contains some 2,500 photographs, all of which are very clear and precisely show the pathological features they describe. The vast majority of the photographs were taken by members of the avian pathology team at the Hungarian Veterinary Diagnostics Directorate of the National Food Chain Safety Office.

The first 600 or so of this book's 750 plus pages focus on the pathology and histopathology of various organs, with chapters dedicated to the skin, digestive organs, serous membranes, the circulatory systems, immune organs, respiratory organs, urinary tract, reproductive organs, locomotive system, nervous system and endocrine organs.

Typically each chapter is a montage of informative photographs accompanied by a more than adequate explanatory caption in Hungarian and English. In addition, the pathology of conditions in ducks and geese gets good coverage.

The book concludes with two chapters. The first focuses on multi-centric tumours and, with this being a Hungarian text, there is very good content on Marek's disease. The second brings together topics not covered elsewhere, such as the pathology of heat stress and changes in avian embryos including developmental abnormalities.

Anyone with an interest in disease investigation and post mortem work will find this book a fascinating tome. They will want to keep it close to hand and give it a key position on their bookshelf. One can soon see this book being acclaimed in the same way that Diseases of Poultry is today!



Authors: Drs Dobos-Kovács Mihály & Vetési Ferenc
Publishers: Mäok Kft (www.maok.hu)

Award winners

A highlight on the opening day of the recent 3rd WVPA Asia Meeting was the presentation of the 5th WVPA-Zoetis Young Poultry Veterinarian Award to Dennis Umali, a Filipino veterinarian.

After being an exceptional veterinary student, Dr Umali spent five years in Japan before returning to the Philippines where he is currently an Assistant Professor and UP Scientist at the College of Veterinary Medicine UPLB. He is developing an Integrated Health Management System that will proactively help poultry farmers in the tropics in the early detection of production and health problems in their flocks.

While in Japan he worked for a leading diagnostic consultancy whose clients included 72 of the largest layer and breeding farms in that country.

In selecting Dr Umali as this year's winner, Nigel Horrox, WVPA's president, said, "the selection committee were impressed with the motivational enthusiasm he exudes when teaching students at various levels coupled to the fact that he gives over and above what is

expected of him. He epitomises all that is good in his generation of poultry veterinarians – in fact, he is the perfect ambassador for our profession!"

Dennis joins a select group of previous winners who come from Malaysia, South Africa, the UK and the USA and whom Zoetis are proud to be associated with.

In addition, the 2nd WVPA-Merial Innovation in Vaccination Award was presented in absentia to Prof. Mohd Hair Bejo from Malaysia for his work including the commercialisation of a Gumboro disease vaccine for hatchery use in Asia. He is now actively involved in the research and development of the next generation of Gumboro disease vaccines.

In announcing Prof. Bejo as winner of the 2016 Award, Merial's Andreas Herrmann highlighted the importance of such vaccines to the poultry industry and the Professor's parallel career in academia where he has supervised numerous post graduate students, many of whom have focused on aspects of immunology and vaccination.

Israel report on Turkey Meningoencephalitis Virus

Advances have been made in the diagnosis of the Turkey Meningoencephalitis Virus (TMEV) by the development of a DIVA real-time RT-PCR assay and by introducing the use of feathers for virus detection.

In a recent publication in the *Avian Pathology Journal*, 2016, (Nov 3: 1-27. (Epub ahead of print), Dr Irit Davidson and colleagues from the Avian and Virology Divisions at the Kimron Veterinary Institute, reported two significant advances in the diagnosis of the flavivirus, TMEV.

The virus affects turkeys causing a neuroparalytic disease, expressed in paresis, incoordination, dropping wings and mortality that is controlled by vaccination.

While the molecular diagnosis employed until now the brain tissue, sampling was now upgraded by demonstrating that the turkey feather pulps were also applicable for TMEV

detection. This is the first turkey virus for which the molecular detection was shown effective in the feather pulps, similarly to the chicken feathers that were demonstrated as a non-invasive sampling organ for at least three viruses, Marek's disease, chicken anaemia and infectious laryngotracheitis.

The publication also presents the development of a Differentiating Infected from Vaccinated Animals (DIVA) assay, to distinguish between wild-type TMEV strains and the vaccine virus.

This will enable researchers to determine whether the TMEV-associated clinical signs were caused by a wild-type virus or a vaccination-related reaction.



First outbreak of avian influenza H5N8 in Israel

Avian influenza subtype H5N8 has been continuously detected among wild birds in Asia since 2010 where it has caused several outbreaks in commercial poultry farms. In 2014 the virus has been introduced into Europe probably via the autumn migration of wild birds returning from Russia and Asia with routes going from northeast to southwest, with an increased mortality of wild birds being observed in 2016 compared with 2014/2015.

This is a report of an outbreak of this avian influenza subtype H5N8 in domesticated poultry farms in Israel. The outbreak was first diagnosed on 13th November 2016 in a flock of heavy breeders in the north of Israel. Since then, in the first week of December until 11th December 2016, nine domesticated poultry flocks were recorded positive to avian influenza H5N8 in the south west of Israel: five meat turkey flocks, three heavy breeder flocks, and one light breeder flock. In this period, mortality of migratory mallard ducks (*Anas platyrhynchos*) and other species in the Arava region has also been found positive to

avian influenza subtype H5N8. Genetic analysis and comparison of the virus from the poultry and the mallard ducks will soon be conducted.

A. Lublin,
Kimron Veterinary Institute, Israel,
Avishail@moag.gov.il

Contributions

Why not tell *Aerosols'* readers about your branch and its activities (good quality pictures are always welcomed) as well as forthcoming meetings so that we can mention them in our diary of future events.

National WVPA Branch Secretaries and individual members are encouraged to send contributions for inclusion in future editions of *Aerosols* to Sue Clanton at: sclanton@uga.edu



avian.merial.com

LET'S SPEAK AVIAN :
THE COMMITMENT OF
MEANINGFUL RELATIONSHIPS
TO HELP YOU FEED
THE WORLD.



Merial is now part of Boehringer Ingelheim

At Merial, we have one mission : Helping you feed the world with safe, affordable, and sustainable quality poultry meat & eggs through improved performance made possible by excellence in people, products, and services.

We are dedicated to the meaningful relationships that help you succeed.

Let's speak avian.



PEOPLE PRODUCTS SERVICES

VISIT THE NEW KID MAKING WAVES IN POULTRY DIAGNOSTICS!

At IPPE Atlanta, Jan 31-Feb 2, 2017

BOOTH C3100



Complete range of ELISAs for:
Recombinant vector vaccine follow-up
Conventional vaccine control
Influenza monitoring and serotyping

ID.vet
Innovative Diagnostics

info@id-vet.com
www.id-vet.com

Branch reports

Austria

In January 2016 the first meeting of the Austrian poultry sector took place during the Ecosocial forum in a small village in the south east of the country. This annual meeting links people engaged with poultry from different fields to discuss various issues of the poultry market and the situation concerning national production.

Poultry health issues are also covered and the Clinic for Poultry reported on an ongoing project carried out in co-operation with the Austrian Poultry Health Service (QGV) and different ministries.

Meeting activities continued in April when the Association to promote Research in Poultry Science (VAG) organised for the fifth time a two-day meeting outside Vienna at the Lake Neusiedl, in a splendid resort.

The scientific talks, accompanied by an enjoyable social program including a wine tasting, make this meeting a constant event within the yearly activities of the Austrian Branch.

Guest speakers from different European countries contributed with presentations on actual diseases in turkeys, the handling of salmonella regulations in layers, sustainability of production and the effects of mycotoxins.

The second day solely focused on campylobacter and antimicrobial resistance. For campylobacter it was concluded that despite a high prevalence in chicken flocks no clear strategy is currently available to minimise the risk of human infections.

However, the use of antimicrobials in Austrian poultry flocks has been substantially reduced in recent years, although the transition from imported soybean meal towards products grown in Europe caused certain health problems in layers.

Following 2007 and 2012, for a third time the Clinic for Poultry and Fish Medicine, together with Dr Fiona Tomley from the Royal Veterinary College in London, organised the International Symposium on Parasite Infections in Poultry at the Veterinary University in Vienna on 1st-2nd July.

Whereas the previous symposia were solely focusing on protozoan infections, this time ectoparasites and nematodes were covered as well. The main aim of this symposium is to provide a focus for colleagues wanting to look at, and engage with, the bigger scientific

picture. High quality keynotes given by renowned experts in the field of Eimeria (H.D. Chapman, T. Jeffers, D.P. Blake), red mite (O. Sparagano), histomonas (I. Bilic) and parasitic diseases of game birds (D. Welshman) paved the way to achieve the set targets.

They were complemented by oral presentations on the different subjects. Short oral presentations of three minutes each acted as appetisers for the posters, which obtained substantial attention with intense discussion during the breaks.

A total of 43 presentations were given, of which a substantial number highlighted the limited options available to prevent and/or treat parasitic infections in poultry. This is of special importance for outbreaks of blackhead disease and a disease recording system was presented to raise awareness and supply basic information for people in the field (www.blackheaddisease.info).

Based upon substantial sponsorship, this time the gala dinner was held at the Natural History Museum, harbouring some of the most remarkable objects of natural sciences in the world. Strolling around a collection of stuffed animals and extinct creatures from around the world late in the evening was an unforgettable event for all participants.

The 135 participants from 18 countries left the meeting not only with up to date knowledge but also with new or intensified personal contacts.

**Michael Hess,
Corresponding Secretary
WVPA Austrian Branch**

Some impressions of the symposium can be seen at: www.vetmeduni.ac.at/de/international-symposium-parasite-infections-poultry-2016/impression/



Czech Republic

The Czech poultry conference with international participation 'Poultry 2016' was held in Brno on October 18th and 19th. This conference was organised by the Czech Branch of the World Poultry Scientific Association (WPSA) and World Veterinary Poultry Association (WVPA).



Prof. Michael Hess from
Vienna University

On the opening day, two important founders of poultry farming were celebrated. Prof. Milos Skrivan from the Institute of Animal Science Uhřetín was celebrated on his 80th birthday in 2016, and Prof. Bedrich Klimes, CSc, the former dean of the Veterinary faculty and founder of the poultry discipline at this faculty in Brno, celebrated his 90th birthday.

Specialists from four European countries and from Israel and Japan participated at the conference with a total of 22 presentations, of which half were by foreign representatives.

The opening day of the conference is always dedicated to breeding issues and the second day focused on poultry diseases and their control.

The scientific programme of WPSA focused on the colour of birds' eggs and the function of the distal gastrointestinal tract of poultry, which is very important for water re-absorption and is affected by undigested nutrients from the upper part of the tract with a possible propagation of harmful bacteria.

Prof. Takashi Kuwana (Japan) explained the possibilities of using primordial stem cells for the protection of endangered bird species. Dr Michael Grashorn (Germany) talked about alternatives to the commercial production of broilers, which are slower growing hybrids Isa, Sasso and Kabir reared on some farms in Germany.

The second day of the conference was devoted to veterinary issues. The presentations dealt with both research results and certain problems in the practice. The presentation of Dr Jitka Mucksová (Czech Republic) described future vision in the development of new types of vaccines and outlined a possible new transportation of antigen using the Rous sarcoma virus

with bound specific antibody. Dr Irit Davidson from Israel concentrated her presentation on diagnosis of viruses isolated from feather follicles. This method can be used for diagnosis of Marek's disease, chicken anaemia virus, infectious laryngotracheitis virus and turkey meningoencephalitis virus.

Laboratory diagnostics was the subject of Prof. Michael Hess's (Austria) presentation who pointed out the lack of standardisation among individual laboratories, especially with implementation of new technologies such as PCR methods. He emphasised the introduction of ring tests to enhance the quality assurance system.

Dr Michal Pakandl (Czech Republic) reported on experimental transmission of chicken and turkey coccidia to eastern bobwhite and partridge. Two presentations were given by Dr Avishai Lublin (Israel). One dealt with reoviral infections where a failure of current vaccines has been observed in many cases in Israel. Their analyses showed that vaccination strain s1133 of group 1 is non-protective against field isolates which were of genetic group 2. This author also investigated possible transmission of Newcastle disease from pigeons to chickens, which was not confirmed experimentally.

In practice we often cope with diseases of the turkey respiratory complex, which was the subject of Dr Stephane Lemiere's presentation (France). A field survey performed in Western France showed that in half of the flocks with the respiratory syndrome, beside the rhinotracheitis virus (TRT), PMV1 virus with lower pathogenicity was also isolated. Therefore, he recommends to vaccinate twice also during fattening of turkeys with live vaccine against the Newcastle disease. Low pathogenic AIV viruses are also involved in turkey respiratory complex in France.

Another interesting presentation was given by Dr Ivan Rychlík (Czech Republic) who is engaged at the Veterinary Research Institute in Brno in systematic studies of intestinal microflora in poultry and the identification of bacterial species in live chickens using molecular biology methods. He has typed certain bacterial strains (genus Firmicutes) with protective effects against salmonella infections in chickens.

A total of 155 specialists from the veterinary and poultry breeding sector participated at the conference, and at the business meetings of both associations (WPSA and WVPA).



Avishai Lublin, DVM, from
the Veterinary and
Diagnostic Institute in
Kimron (Karel Kovarik,
Ladislav Lojda from right)

Branch reports

The international conference on poultry was assessed by all participants as successful and the next conference 'Poultry 2017' will take place at the same venue on October 24-25th, 2017.

This long-term cooperation between the breeding section of WPSA and veterinary section of WVPA led by their presidents Ing. Pavel Trefil, DrSc, and MVD Karel Kovarik, has created a good basis for meeting of poultry specialists in the Czech Republic with the organisational support of the Veterinary and Pharmaceutical University in Brno.

Karel Kovarik
President,
WVPA, Czech Republic Branch

Hungary

The Hungarian University of Veterinary Medicine, founded 229 years ago as one of the first veterinary schools in the world, has regained its autonomy. Based on the decision of the Ministry of Human Resource, it was detached from the Szent István University and has obtained an autonomous status as the University of Veterinary Medicine Budapest on July 1st, 2016.

The university, owing to its rich heritage and continued efforts to improve and adapt, has developed into a trilingual – Hungarian, German and English – internationally acknowledged European educational institution with 650 students from around the globe studying veterinary medicine.

Our institution was the 7th from 97 veterinary schools in Europe to receive a full (education and quality assurance) accreditation from the European Association of Establishments for Veterinary Education. This means that the diplomas of Doctor of

Péter Sótonyi Rector opens the ceremony



Veterinary Medicine issued by the university are accepted in the European countries without further recognition procedures. The visitation report has praised the internationally outstanding scientific work of the institution which has also been acknowledged by the government, qualifying the university as a 'Research University'.

Dr László Kőrösi,
Corresponding Secretary
WVPA, Hungary Branch

Iraq

Three participants in the 3rd International Scientific Conference at Kufa University, Iraq were Assistant Prof. Dr Yasser Jamal Jameel (President of WVPA Iraq/Head of Iraqi veterinarian's syndicate/Kerbala Branch, College of Veterinary Medicine, University of Kerbala).

The two other participants were Dr Ali Mahdi Sahib/University of Kufa and Dr Latif Ibrahim Kadhim/University of Kerbala.

Assistant Prof. Dr Yasser also participated in the annual meeting of Poultry Science Association. He shared data of his research entitled Performance of broilers fed diets supplemented with two yeast cell wall strains using two feeding strategies, and also Effect of yeast cell wall supplementation on threonine requirements in broilers as measured by performance and intestinal morphology. He also presented on the Bioavailability evaluation of cholecalciferol in growing broiler chickens and Phase one laying hens performance of Hy-line Brown layers fed soybean and soybean free diets using caged and cage free rearing systems.

A training course entitled New Techniques in Poultry Feeding was organised by the College of Veterinary Medicine/University of Kerbala. The lectures were given by Asst. Prof. Dr Yasser Jamal Jameel. The lectures covered many subjects, such as the principles of avian nutrition and nutrient requirements during hot weather, especially in Iraq.

Assistant Prof. Dr Galib



Flag inauguration

Assistant Prof. Dr Yasser Jamal Jameel (President of WVPA Iraq), Assistant prof. Dr Galib A.M. AL-Kassie, Assistant prof. Dr Ahmed Mahdi, Assistant prof. Dr Jafar Al-jebori, Dr Ali Mahdi Sahib, Dr Ali Adnan Radeef



A.M. AL-Kassie and Dr Yasser received certificates for their participation in this 5th international conference for veterinary sciences at the College of Veterinary Medicine, University of Basra, Iraq, held on November 2-3, 2016.

**Dr Yasser Jamal Jameel,
Corresponding Secretary
WVPA, Iraq Branch**

Malaysia

The WVPA Malaysia Branch held its Annual General Meeting (AGM) on 22nd July 2016. A total of 110 members attended the event and a new committee, comprising Prof. Dr Abdul Rahman Omar as the President; Prof. Datin Paduka Dr Aini Ideris, Past President; Dr Bahsharudin Mohd Sharif, Vice President; Dr Rahmat SM Sheriff, Secretary; Dr Suriya Kumari Ramiah, Deputy Secretary; Dr Jolene Poo Vern Ying, Treasurer; Dr Ray Tan Wei Cheit, Deputy Treasurer; and six Committee Members: Assoc. Prof. Dr Jalila Abu, Dr Maximillian Sim Kwang Hui, Dr David Choe Di Wei, Dr Amanda Lim, Dr Sophia Tang Tze Pei, and Dr Phang Yuen Fun.

The speakers for the seminar were Dr Andrea Hermann (Merial) and Dr Jessica Lee (Ceva) who presented on Avian Astro Virus and New Approach against IB Strains in Malaysia, respectively.

During the WVPA Asia Meeting held in Manila (21-23rd October 2016), Prof. Dr Mohd Hair Bejo, Dean of Faculty of Veterinary Medicine, Universiti Putra Malaysia won the Merial Innovation in Vaccination award for work on hatchery vaccination against vvIBDV. The 3rd Avian Pathology Asian Lecture entitled Recent Advances on Newcastle Disease Virus was delivered by Prof. Dr Abdul Rahman Omar.

Prof. Dr Abdul Rahman Omar also presented his own paper entitled Diagnostics and Vaccines Against Poultry Viral Diseases: Current Status and Future Prospects.

During the meeting, it was agreed that the next WVPA Asia Meeting in 2018 will be held in Kuala Lumpur, Malaysia.

**Rahmat SM Sheriff,
Corresponding Secretary,
WVPA, Malaysia Branch**

Korea

The KAPV annual seminar was held on 4-5th November, 2016 at Cheonan, Korea. There were 80 poultry veterinarians and 20 government officers in attendance.



Presentations included: Disorder of musculoskeletal system, YooChan Bae (QIA); Necropsy of disease of gizzard, DongMyung Choi (DaeHan Vet clinic); Farm management for duck disease, HyungGwan Jang (Chonbuk National Univ.); HACCP, HeeSu Lee (QIA); Practice on HPAI biosecurity, JongBo Shim (HanYang hatchery); Antimicrobial resistance and vet prescription system, Youncheol Wo (KVMA); and Environmental friendly farming, JongCheol Yoo (Neobio).

**JaeSung Heo,
WVPA, Korea Branch**

Thailand

On November 8th-9th, 2016, as a member of the Thailand branch, I had an opportunity to meet with the executive committee of the World Veterinary Poultry Association, Dr Nigel Horrox, Dr Nicolas Etteradossi, Dr Francois Xavier Le Gros and Dr Charles Hofacre, and the WVPAC2017 team led by the Chairman, Dr Phillip Hammond. This two day observation of WVPAC2017 preparation in Edinburgh, Scotland was so inspiring and

The presiding committee members with Prof Datin Paduka Dr Aini Ideris as President



Branch reports

full of useful information for preparing the future conference in Thailand. We started by visiting Edinburgh castle, which will be the opening ceremony venue, and a real historical location. Staff at the castle walked us to see the venue sites and explained about the activities that could be arranged there. I can imagine that the participants will be very impressed. Then, in the afternoon, the team moved to inspect the National Museum of Scotland, where I saw 'Dolly the cloned sheep'. This location will be used for the Gala dinner; how wonderful to have dinner in a real museum! The venue was nice and the museum staff knew their job very well. For me, I foresee that the gala dinner will be enjoyable and pleasant. After that, we went to EICC (Edinburgh International Conference Centre). From outside it does not look very big; but when entering the EICC, it is a modern conference center. The exhibition hall is a proper size and the screen, light and sound are in excellent condition. Small conference rooms, with a pizza-like design, are flexible and can be adjusted to suit the number of delegates in the room. It is amazing that all the great venue locations are in the city centre; not too far from each other.

Thailand will be the host in 2019. It seems to be many years ahead, but when I saw the details that the Edinburgh team have been working on, time is not that long! Our WVPAC2019 team members are already appointed though we are still in the very early stages. In 2017 we will go through the process of selecting PCO, venues, and then start planning the event activities. When we meet in Edinburgh in September, our team shall be ready to present the next conference, which will be held in Bangkok.

**Dr Vachira Limtrajitt,
Member of WVPAC2019 team,
WVPA, Thailand Branch**



Pakistan

A delegation of five members from the WVPA Pakistan Branch attended the 3rd Asia WVPA meeting (WVPA Asia-2016) in Manila, Philippines from 20-21st October 2016 at the Crown Plaza Manila Galleria Hotel, Manila.

The Pakistani delegation was led by Dr Hanif Nazir Ch (President WVPA Pakistan) and other members included Dr Muhammad Kashif Saleemi (Secretary WVPA Pakistan), Dr Rana Sajjad Arshad, Dr Shafia Tehseen Gul and Dr Adnan Shoukat.

Two scientific oral presentations were made by Pakistan members – Protection of Newcastle disease by essential oils by Dr Saleemi and Pesticide toxicity in poultry by Dr Shafia.

Two young Pakistan WVPA members Dr Adnan from Gulzar Feeds and Dr Shafia from the Department of Pathology, University of Agriculture Faisalabad were awarded with travel grants by the WVPA to attend this meeting. Dr Saleemi appreciated the financial support by WVPA and thanked the President of WVPA, Dr Nigel Horrox.

On 21st October a meeting of Asian branches was also held to discuss matters of Asian WVPA. The Pakistan Branch of WVPA showed its interest in hosting the WVPA Asian meeting in 2020 because it was already decided that the venue for the next meeting in 2018 will be Kula Lumpur, Malaysia.

The Pakistan Branch successfully organised a two day international seminar on Poultry Diseases in 2015 attended by more than 300 participants from eight countries.

On the basis of this past experience WVPA Pakistan is a potential candidate for holding the WVPA 2020 Asian Meeting.

Pakistani delegate members freely interact with colleagues from other Asian branches and explore many options for future collaboration. The Pakistan Branch is also planning to hold a seminar/ training course in the first quarter of 2017.

**Dr Muhammad Kashif Saleemi,
Corresponding Secretary,
WVPA, Pakistan Branch**



Dr Adnan Shoukat & Dr Shafia Tehseen Gul receiving their travel grant awards



Dr Saleemi and Dr Sajjad Arshad at the WVPA Asia Meeting in Manila 2016



The inaugural AAAP Hall of Honour Class was inducted at San Antonio

USA

The AAAP met in San Antonio, Texas in August for the 59th annual meeting. A full four days of scientific presentations and awards were packed into these days. This was the last year that Chuck Hofacre served as the Executive Vice President after 13 years and is replaced by Suzanne Dougherty.

Hector Cervantes was elected President of



Dr Hector Cervantes, Dr Suzanne Dougherty, Dr Chuck Hofacre and Dr John Smith

AAAP for 2016-2017 and was very honoured to be the first President born in a Spanish speaking country (Mexico). The Keynote Address and History Lectures were also given. Other awards were presented, as shown below and right.

Charles Hofacre,
Corresponding Secretary,
WVPA, US Branch



Left, (top) Ton Schat gave the Lasher-Eckroade History Lecture entitled The History of the First-Generation Marek's Disease Vaccines: the Science and Little Known Facts. Left, (below) Guillermo Zavala gave the Keynote Address to an overflowing audience on Emerging and Reemerging Poultry Diseases: an International Perspective



Left, Brian Jordan, Bayer-Snoeyenbos New Investigator. Centre, Kabel Robbins, Outstanding Field Case and/or Report Award. Right, Nik Faiz, Richard B. Rimler Memorial Paper Scholarship Award



Above, Charles Hofacre, Phibro Poultry Health Research Excellence Award and, right, Louise DuFour-Zavala, C.A. Bottoroff Award for Excellence in Poultry Health and Diagnostic Programs



Left, Isabel Gimeno, P.P. Levine Award and, right, Guillermo Zavala, Bruce Calnek Achievement Award



Left, Maria and, right, Brandon,
L. Dwight Schwartz Travel Scholarship
Award



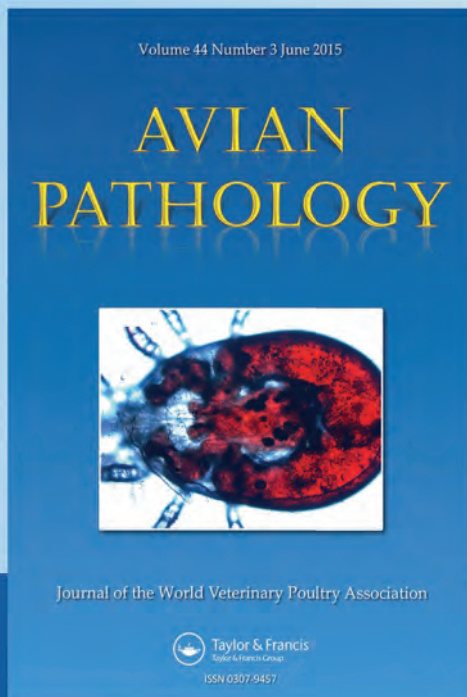
Left, Emily Aston and right, William
Shaw, A.S. Rosenwald Student Poster
Award



Left, John Glisson and, right, John
Smith, Special Service Award



Left, Silvia Carnaccini and, right, Hyesun
Jang, Reed Rumsey Student Award



Support the WVPA's official journal

Special subscription rates are
available to WVPA members

www.wvpa.net

For details visit
www.avianpathology.com



WORLDWIDE CALENDAR 2017-2018

VIV ASIA 2017
MARCH 15 - 17, BANGKOK, THAILAND

VIV MEA 2018
FEBRUARY, ABU DHABI, U. A. E.

VIV EUROPE 2018
JUNE 20 - 22, UTRECHT, THE NETHERLANDS

VIV RUSSIA 2017
MAY 23 - 25, MOSCOW, RUSSIA (May 23: invitation only)

VIV TURKEY 2017
JULY 6-8, ISTANBUL, TURKEY

VIV CHINA 2018
SEPTEMBER 17 - 19, NANJING, CHINA

**VIV POULTRY & EGG SUMMIT
LATIN AMERICA 2016**
OCT 26-27, BUENOS AIRES, ARGENTINA

WWW.VIV.NET



WVPA XXTH CONGRESS 2017

4 - 8 September 2017

EICC, Edinburgh

The World Veterinary Poultry Association Congress 2017 is taking place in Edinburgh on 4 – 8 September 2017.

The Congress will attract a wide range of delegates including both poultry research scientists and practitioners and will include leading speakers from across the world.

It is expected that delegate numbers will be in excess of 1200 visiting Edinburgh from over 70 countries joining together to explore the past, share the present and helping to forge the future of poultry veterinary science.

If you have not yet registered for WVPA 2017 you can still do so now and take advantage of our early bird delegate rate which is available until 24 April 2017. Please visit: www.wvpac2017.com/delegates/registration for further information.

**Early Bird Registration Deadline
24 April 2017**

Accommodation

Accommodation has been secured at a number of hotels close to the Edinburgh International Conference Centre (EICC). Accommodation can be booked as part of the registration process and a selection of the hotels can be found at www.wvpac2017.com/delegates/hotels

For more information please visit
www.WVPAC2017.com

Sponsorship/Exhibition Enquiries:
WVPA2017industry@mci-group.com

Registration Queries:
wvpa2017.regshot@mci-group.com



Don't forget to follow us on Facebook and Twitter to keep up to date on the Congress!



UK vets meet in Edinburgh

The British Veterinary Poultry Association (BVPA) descended on Edinburgh, Scotland for their winter meeting, joining forces with the Pig Veterinary Society (PVS) of the UK for a special meeting.

Prior to the official meeting the Local organising committee of the WVPAC2017 met with the global team to visit the venues of the host city Edinburgh, including Edinburgh Castle, the Edinburgh International Conference Centre (EICC) and the National Museum of Scotland. The global team led by WVPA President Nigel Horrox worked closely with the local team over the week and all involved look forward to what will be an incredible event, boasting a fantastic academic programme coupled with what will be a memorable social programme.

The BVPA held their winter meeting with the PVS on the 10th and 11th November with four topics that were considered relevant and challenging to both species. These topics included global issues, influenza in a changing world, antimicrobial resistance and welfare.

The meeting commenced with papers on global food production, development of surveillance systems, the role of gut microbiome in efficient food production and breeding protein. The papers emphasised the need for optimising efficiency in food

production to meet the needs of a rapidly expanding human population.

Avian influenza was discussed by Professor Ian Brown in the context of avian and swine and this was followed by Professor John Oxford who discussed the one health principle and human aspects.

Papers were given by Prof. David Lloyd on how antimicrobial resistance occurs, and the Chief Veterinary Officer of England, Nigel Gibbens discussed meeting the challenges of the recently published O'Neill report. Welfare topics included tail docking in pigs, and controlled atmosphere stunning and 'on farm' killing of pigs and poultry.

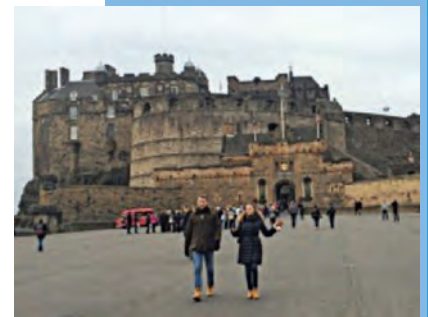
The meeting was a great event and it was unique that the veterinary professions of two meat production sectors could meet to exchange experience and ideas on such relevant and challenging topics.

Come join us in Edinburgh for WVPAC2017 4th-8th September 2017 www.wvpac2017.com

Phil Hammond,
Corresponding Secretary,
WVPA, UK Branch



WVPA President Nigel Horrox at Edinburgh Castle



WVPA XXTH CONGRESS 2017

4 – 8 September 2017

EICC, Edinburgh



IMMUNOSUPPRESSION 2017

A ONE DAY
TECHNICAL
CONFERENCE

Tuesday 14th March 2017 (the day before VIV Asia)
Bangkok, Thailand

Details & Bookings
palmpositive@yahoo.com • www.positiveaction.co.uk



INCUBATION 2017

A ONE DAY
TECHNICAL
CONFERENCE

Tuesday 14th March 2017 (the day before VIV Asia)
Bangkok, Thailand

Details & Bookings
palmpositive@yahoo.com • www.positiveaction.co.uk



The BioChek Quality System

ELISA & qPCR test kits

- Easy protocol
- Excellent reproducibility
- Reference controls
- Conclusive and differentiated results
- Powerful yet user-friendly software with online database



www.biochek.com

Broad Coverage

Early homologous protection against *Salmonella* for chickens, turkeys and ducks



AviPro[®] SALMONELLA DUO

Legal category: POM-V
Marketing Authorisation Number: VM: 16894/4009

A bivalent live vaccine administered via drinking water, with adequate safety (Metabolic Drift Mutation), reduced survival in the environment which entails a faster extinction in stable dung (Linde *et al* 1997), and reliable differentiation. The administration via drinking water enables an easy application that parallels the natural path of infection, triggering the most efficient defense against *Salmonella* (secretory IgA + cellular immunity).

The bivalent solution for crucial homologous protection.



www.Salmonella360.com

Diary of meetings 2017/18

January 2017

26-27 – Southern Conference on Avian Diseases (SCAD)
Atlanta, Georgia USA
Website: www.ippexpo.org/ipsf/docs/2016SPSS_Program.pdf

30-31 – International Poultry Scientific Forum
Atlanta, Georgia, USA
Website: www.ippexpo.org

31-2 February – International Production & Processing Expo (IPPE)
Atlanta, Georgia, USA
Website: www.ippexpo.org

March

14 – Immunosuppression2017
Bangkok, Thailand
Website: www.positiveaction.co.uk

14 – Incubation2017
Bangkok, Thailand
Website: www.positiveaction.co.uk

15-17 – VIV Asia
Bangkok, Thailand
Website: www.vivasia.nl

19-22 – 66th Western Poultry Disease Conference (WPDC)
Sacramento, California
Website: www.conferences.ucdavis.edu

April

6-7 – Annual Convention of WVPA Italian Branch
Fiera Avicola, Via Punto di Fermo, 2, Forli, Italy
Website: www.patologiaviare.org

June

30 – 2 July – Emerald Coast Veterinary Conference 2017
Destin, Florida, USA
Website: www.emeraldcoastvc.com

July

17-20 – Poultry Science Association Meeting
Orlando, Florida, USA
Website: www.poultryscience.org

21-25 – American Veterinary Medical Association and American Association of Avian Pathologists
Indianapolis, Indiana, USA
Website: www.avma.org

September

3-8 – XX Congress of the World Veterinary Poultry Association
Edinburgh, Scotland
Website: www.wvpa.net

22-2nd Scientific Symposium of WVPA Italian Branch
Hotel Parma&Congressi, Via Emilia Ovest, Parma, Italy
Website: www.patologiaviare.org

25-27 – National Meeting on Poultry Health, Processing and Live Production
Ocean City, Maryland, USA
Website: www.dpichicken.org/events

Forward planning:

June 2018

20-22 – VIV Europe 2018
Utrecht, The Netherlands
Website: www.viveurope.nl

July 2018

13-17 – American Veterinary Medical Association & American Association of Avian Pathologists
Denver, Colorado, USA
Website: www.avma.org
www.aaap.info

SUPPORTERS OF AEROSOLS

WVPA would like to thank the following companies for their support, especially of Aerosols



National contacts for WVPA

Country	Contact	Email
Argentina	Dr Celina Buscaglia	celinabuscaglia@gmail.com
Australia	Dr Helen Crabb	crabbhk@gmail.com
Austria	Prof. Dr Michael Hess	michael.hess@vu-wien.ac.at
Bangladesh	Prof. Dr Rafiqul Islam	mrislam_bau@yahoo.com
Belgium	Monita Vereecken	monita.vereecken@huvepharma.com
Canada	Dr Teresa Cereno	teresa.cereno@inspection.gc.ca
China	Prof. Dr Cui Zizhong	zzcui@sdau.edu.cn
Croatia	Dr Zeljko Gottstein	gottstei@vef.hr
Czech Republic	Dr Karel Kovarik	karel.kovarik@agroweb.cz
Denmark	Dr Søren Astrup	sa@poultryvet.com
Egypt	Prof. Dr Youssef Ibrahim	dryoussef.ibrahim@yahoo.com
France	Dr Nicolas Eterradosi	nicolas.eterradosi@anses.fr
Germany	Prof. Dr Hafez M. Hafez	hafez.mohamed@vetmed.fu-berlin.de
Greece	Dr Ioanna Georgopoulou	ioannag@vet.auth.gr
Hungary	Dr László Körösi	korosidr@gmail.com
India	Dr Barman Bichitra	barman.bichitra@venkys.com
Iran	Dr Mehdi Mirsalimi	mehdi.mirsalimi@golbid.com
Iraq	Dr Yasser Jamal Jameel	yasser_veterinary@yahoo.com
Israel	Dr Rachel Bock	ruzenka100935@gmail.com
Italy	Dr Alessandra Piccirillo	alessandra.piccirillo@unipd.it
Japan	Prof. Dr Koichi Otsuki	k3666@cc.kyoto-su.ac.jp
Jordan	Prof. Dr Mohammad Al-Natour	mqalnatour@yahoo.com
Kenya	Dr Simon Alubbe	simonalubbe@gmail.com
Libya	Dr Soleman Al-Garib	algaribnl@yahoo.com
Macedonia	Prof. Dr Aleksandar Dodovski	adodovski@fvm.ukim.edu.mk
Malaysia	Prof. Dr Aini Ideris	aiini@upm.my
Mexico	Luis Arturo Suazo	aneca@prodigy.net.mx
Morocco	Dr Mohamed Mouahid	mohamedmouahid@gmail.com
Netherlands	Wouter Steenhuisen	wouter@poultryconsult.com
Nigeria	Dr Jones Okoye	czarjones2002@gmail.com
Pakistan	Dr Muhammad Kashif Saleemi	drkashif313@yahoo.com
Philippines	Dr Rahmat SM Sheriff	rahmatflfam@gmail.com
Poland	Dr Kamila Bobrek	kamila.bobrek@up.wroc.pl
Russia	Dr Victor Irza	irza@arriah.ru
Serbia	Dr Radmila Resanovic	radar@vet.bg.ac.rs
Slovakia	Dr Jozef Kalus	jkalus@nexta.sk
Slovenia	Dr Uros Krapez	uros.krapez@vf.uni-lj.si
South Africa	Dr SPR Bisschop	shahn@avimmune.co.za
South Korea	Dr JaeSung Heo	jaesung.heo@bayer.com
Sweden	Dr Helena Eriksson	helena.eriksson@sva.se
Switzerland	Dr Richard Hoop	rhop@vetbakt.uzh.ch
Thailand	Dr Sumeth Sapchukun	sumeth.sapchukun@huvepharma.com
Tunisia	Dr Abdeljelil Ghram	abdeljelil.ghram@pasteur.rns.tn
Turkey	Prof. Mehmet Akan	akan@ankara.edu.tr
UK	Philip Hammond	phammond@crowshall.co.uk
USA	Dr Suzanne Dougherty	aaap@aaap.info

For countries not listed above contact should be made with the secretary of the WVPA at:

francois-xavier.le-gros@merial.com

Your officers



PRESIDENT
Nigel Horrox
UK

neh@northernhygiene.co.uk



VICE PRESIDENT
Aini Ideris

Malaysia
aiini@upm.my



VICE PRESIDENT
Nicolas Eterradosi

France
nicolas.eterradosi@anses.fr



SECRETARY - TREASURER
Francois-Xavier Le Gros

France
francois-xavier.le-gros@merial.com