

Aerosols

Newsletter of the World
Veterinary Poultry Association



Editor – Philip Hammond

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Visit: www.wvpa.net

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

President's message

The poultry world that we live in today is ever changing and people are wanting more and more answers in ever shorter times. This is being customer driven, especially by the consumer who does not have a comprehensive understanding of the consequences that their wish list will have on the poultry industry.

Antibiotic free (ABF) production is already here to stay in many countries. Fortunately, various companies around the world are now working relatively successfully with ABF. However, one worrying variable is the number of definitions of ABF that are floating around our industry.

Other issues, such as big data management in poultry production, antibiotic resistance genes and a long range strategy for avian influenza control, are also ones that are going to need to be addressed soon.

There are many challenges for poultry veterinarians and researchers in avian health and productivity but there is one problem looming – the speed with which data handling technologies are changing/evolving and, in some cases, being upgraded or replaced.

In the years ahead, could we have a dilemma in which our senior scientists and researchers are not able to use new technologies because they have not kept up-to-date with them? Perhaps, in the future, research will be based on unique partnerships of older avian health experts with their years of experience and younger, technology experts.

One thing is certain – if we ignore consumer opinion we will do so at our peril. However, we should not try and change opinion by tackling it head-on in a confrontation, but by modifying its formation so that it ultimately has a more satisfactory outcome for the poultry industry. How we do this is another matter!

Nigel Horrox, President of WVPA

Success for young Nigerian veterinarian



Dr Mary Talatu Angani

At the 4th Asia Meeting of the World Veterinary Poultry Association (WVPA) held in Kuala Lumpur, Malaysia, the WVPA-Zoetis Young Poultry Veterinarian Award for 2018 was presented to Dr Mary Talatu Angani, from Nigeria.

Mary is currently in the third year of her PhD on novel diagnostics for coccidiosis at

Nottingham University's School of Veterinary Medicine and Science in the UK, having previously gained her veterinary degree and her MSc in poultry medicine at Ahmadu Bello University in Nigeria.

After gaining her veterinary degree she worked with Nigerian poultry farmers educating them on better poultry production practices, especially in relation to Gumboro disease control which is a major cause of losses to the Nigerian poultry industry.

Six years ago she joined the veterinary college in Makurdi where she taught, undertook research and participated in

community work. She always shows an infectious enthusiasm for her work and rose through the ranks to become a lecturer grade II in 2012 and grade I in 2017.

For a young veterinarian she has already spoken at an impressive number of meetings however, she intends to return to her first love of helping Nigerian poultry farmers to improve their flocks. On returning to Nigeria, she will become a senior lecturer which will see her handling bigger roles and responsibilities.

Professor Paul Ayuba, who nominated Mary for this award told us "she has achieved so much in such a short time and her passion, enthusiasm and zeal will ensure that she remains a positive role model who will inspire up and coming generations."

C K Mah of Zoetis, who sponsor the award, added, "I have only known Mary for a couple of days but I can see why she is a worthy winner of this award. She joins a prestigious list of previous winners from the USA, South Africa, India, Malaysia, the Philippines and the UK."

Nigel Horrox, the president of WVPA, indicated that soon the request for nominations will be made for the 2019 Young Poultry Veterinarian Award. This will be presented at the global WVPA Congress that will be held in Bangkok, Thailand in October 2019.



Contributions

Why not tell Aerosols' readers about your branch and its activities (good quality pictures are always welcomed) as well as details about forthcoming meetings.

National WVPA Branch Secretaries and individual members are encouraged to send contributions for inclusion in future editions of Aerosols to Phil Hammond at: phammond@crowshall.co.uk

4th WVPA Asia Meeting, Kuala Lumpur

The 4th World Veterinary Poultry Association (WVPA) Asia Meeting 2018, with the theme Detection and Control of Poultry Diseases, jointly organised by the WVPA Malaysia and WVPA Global and with the support of the Faculty of Veterinary Medicine, Universiti Putra Malaysia (UPM), was successfully held at Pullman KLCC Hotel & Residences, Kuala Lumpur, Malaysia from 1-2nd October 2018.

The meeting was attended by a total of 430 delegates, including speakers from more than 20 different countries.

After the official opening by the Vice-Chancellor of UPM, Malaysia, Professor Datin Paduka Dato Dr Aini Ideris, on the first day of the meeting, a total of 19 papers were presented by experts from industries followed by the 4th Asian Avian Pathology Lecture delivered by Prof. Dhinakar Raj from Tamil Naidu Veterinary and Animal Science University, India. Prof. Dhinakar was introduced by Prof. Damer Blake in his capacity as the Editor-in-Chief for Avian Pathology.

On the second day of the meeting, a total of 22 invited papers from research institutes and academia were presented.

The meeting also witnessed the presentation of the 7th WVPA-Zoetis Young Veterinarian Award to Dr Mary Talatu Angani of Nigeria.

The winner of the 4th WVPA-Boehringer Ingelheim Innovation in Vaccination Award,

Dr David Swayne from the USA, was awarded in absentia.

In the meeting the WVPA President, Nigel Horrox, also made an announcement about the next two WVPA Asia Meetings in 2020 and 2022, that will be held in Dhaka, Bangladesh and Manila, Philippines, respectively.

A brief press conference for local and international press agencies was also held shortly after the opening ceremony.

A total of 46 participants and their family members took the opportunity of going for Kuala Lumpur city tours and visits to the many interesting places some distances away.

The meeting ended with a brief update on the upcoming WVPAC 2019 in Bangkok, Thailand and a brief remark by Prof Mohammad Rafiqul Islam, the President of WVPA Bangladesh, on their mandate to host the WVPA Asia Meeting in 2020.

The Organising Committee deeply appreciated the support from the sponsors, the speakers and delegates for their participation and all individuals who had contributed to the success of the two-day event, either directly or indirectly.

Prof. Dr Abdul Rahman Omar
President WVPA Malaysia
& Organising Committee Chairman



Highlights from the



A busy registration desk on the first morning



In October 2018 the Asian Branch of the WVP... WVPA Asia Meeting... Lumpur. The event... resounding success... delegates and sponsor... very satisfied.

At the meeting it... that the 2020 event... by the Bangladesh... Dhaka and the 202... Meeting will be ho... Philippine Branch



Prof. Abdul Rahman Omar
Organising Committee Chairman



Presentation of the WVPA-Zoetis
Young Poultry Veterinarian Award



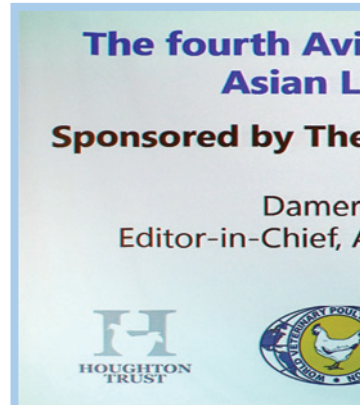
The WVPA president, vice president
LOC chairman meet African delegates



Nigel Horrox
President of the WVPA



An attentive audience



The fourth Avian
Asian L...

Sponsored by The

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Editor-in-Chief, A



Pakistan delegates with the President
and the Young Poultry Veterinarian of 2018



Local committee members
take a well deserved break



The 4th WVPA Asia Meeting 2018

The Malaysian WPA hosted the 4th meeting in Kuala Lumpur. It was a success with both sponsors leaving satisfied. It was decided that the next meeting will be hosted by the Malaysian Branch in 2022. WVPA Asia is supported by the Malaysian Branch in Manila.



Settling down for the day's events



The opening session of WVPAAM 2018



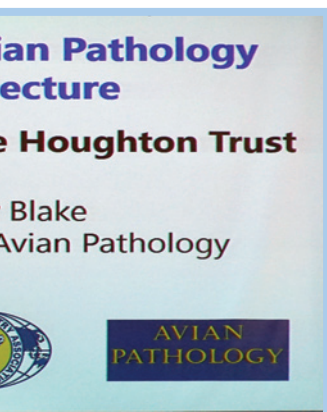
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Facing members of the press



Prof. Aini Ideris
Vice President WVPA and past president of the Malaysian Branch



Damer Blake presents G. Dhinakar Raj with a certificate and an engraved commemorative award for the Avian Pathology Lecture



Prof. Dr. Md Rafiqul Islam
Chairman of the next organising committee (Bangladesh 2020)



Networking during a coffee break



Malaysia hands over to Bangladesh for 2020

Austria

In December 2017 a meeting of the Austrian poultry sector took place organised by the CEPI (Centre of Excellence for Poultry Innovation) Project, a collaboration between the Clinic for Poultry and Fish Medicine at the Vetmeduni Vienna and the Georgikon

Faculty of the Pannonian University in Hungary.

The meeting focused on avian influenza and histomoniasis (blackhead disease).

A keynote speech on recent influenza epizootics in France was given by Dr Nicolas Eterradossi, Director of the Ploufragan Laboratory

for Food, Environmental and Occupational Health & Safety (ANSES).

He specifically highlighted the problems arising due to management practices in fatty-liver production and the whole duck industry. His concerns and conclusions matched with those raised by Hungarian officials and Attila Csorbai from the Hungarian Poultry Board.

Whereas France and Hungary were severely affected, Austria had only two outbreaks in small holdings due to H5N8.

The disposal of carcasses was addressed by Christoph Ahrens from AniCon Vorsorge GmbH in Germany and was a perfect transition to histomoniasis. The current knowledge on disinfection procedures for parasites was summarised by Prof. Anja Joachim from the Institute of Parasitology at the Vetmeduni.

Dr Ivana Bilic from the Clinic for Poultry and Fish Medicine presented actual studies to

unravel the genomic and proteomic profile of *Histomonas meleagridis*.

Dr Dieter Liebhart gave an overview on the increasing number of outbreaks of blackhead disease in Austria in the last two years and highlighted the importance of raising more awareness of all stakeholders.

The implemented platform www.blackheaddisease.info should contribute to this.

This was also supported by Harald Schliessnig from the Austrian Poultry Health Service who emphasised the need for more accurate data which, in Austria, should be achieved by a new surveillance program.

Meeting activities continued in April 2018 when the Association to promote Research in Poultry Science (VAG) organised its annual two-day meeting outside Vienna at Lake Neusiedl, in a splendid resort. The scientific talks were accompanied by an enjoyable social program, including a tour through a medieval castle and a wine tasting, which made this meeting very special. Guest speakers from different European countries contributed with presentations on actual diseases in turkeys, layers and broilers.

Aspects of One Health were addressed with presentations on antimicrobial resistance in human and veterinary medicine.

Presentations on specific aspects of feed manufacturing and debeaking of turkeys completed the wide range of subjects covered at this meeting.

At another meeting organised by the Austrian WVPA branch in May, presentations were given on Mycotoxins and *Campylobacter jejuni* in broilers, in addition to practical aspects of coccidiosis monitoring and prophylaxis.

Dr Angelika Zloch (left) and Taniya Mitra, PhD, winner of the MSD High Poultry Science Award



Speakers at the CEPI Conference in Vienna, December 2017

Participants at the annual VAG meeting



Branch reports



'Bene merito' award ceremony at the Faculty for Veterinary Medicine, Warsaw University of Life Sciences. From left to right: Prof. Marian Binek (Vice-Rector for Research at WULS-SGGW); Prof. Michael Hess, Prof. Marcin Banbura (Dean of the Veterinary Faculty) and Prof. Piotr Szeleszczuk (Laudator)

In 2018 different people working in the Austrian poultry sector / research received an international award. Dr Angelika Zloch, the new secretary of the Austrian Branch, and Taniya Mitra, PhD, were awarded with the newly established MSD High Quality Science Award and both of them presented their work at a meeting in Tallinn.

During an academic ceremony at the Faculty for Veterinary Medicine, Warsaw University of Life Sciences, Prof. Michael Hess was awarded 'Bene merito pro Facultate Medicinae Veterinariae in Varsovia' for his contribution to the teaching of poultry science and his long-standing collaboration.

In addition to regular meetings of the Austrian Branch, the 4th International Symposium on Parasite Infections in Poultry will be held from 28–29th June 2019 at the Veterinary University in Vienna. This meeting is organised together with Prof. Fiona Tomley and Prof. Damer Blake from the Royal Veterinary College in London and will be set up to continue the success of previous meetings.

Further information is available at: <https://www.vetmeduni.ac.at/de/international-symposium-parasite-infections-poultry>

**Prof. Dr Michael Hess,
WVPA, Austria**

Bangladesh

The Bangladesh branch of WVPA organised a day-long symposium on 'Avian Influenza Vaccination and Surveillance' on 12th May 2018 at Dhaka Regency Hotel. The objective of the symposium was to discuss the present status of avian influenza (AI) in Bangladesh with special focus on vaccination and surveillance. Nearly 200 participants including WVPA members, other poultry vets working in the public and private sectors, academic institutions and research organisations, as well as representatives of poultry industry, policy makers and other stakeholders attended the symposium.

Following opening remarks by the President of Bangladesh branch Prof. Dr Mohammad Rafiqul Islam and the global Vice President Dr Nicolas Eterradossi, the symposium started with an overview of the poultry industry in Bangladesh by Mr Shamsul Arefin Khaled, a leading poultry entrepreneur and the President of World's Poultry Science Association – Bangladesh branch. He also presented the views of the industry on the AI situation in Bangladesh. Then Dr Mohammed Giasuddin, Head of the National Reference Laboratory for AI briefed the audience on the present status of AI control in Bangladesh.

After these introductory remarks Prof. Dr Timm Harder of Friedrich-Loeffler-Institute (FLI), Germany and Dr Nicolas Eterradossi of the French Agency for Food, Environmental and Occupational Health & Safety (ANSES), shared global and French experiences of AI surveillance and control, respectively.

Dr Eric Brum, Country Team Leader of



A part of the audience in the symposium on avian influenza vaccination and surveillance



Dr Nicolas Eterradossi, Vice President, WVPA, delivering his opening remarks

The facilitator and distinguished speakers of the symposium during the Q&A session



ECTAD, FAO in Bangladesh explained the measures required for progressive control of AI in endemic situations. Prof. Dr Mohammad Rafiqul Islam of Bangladesh Agricultural University (BAU) presented an overview of genetic evolution of H5N1 and H9N2 AI viruses in Bangladesh. Prof. Dr Abdul Rahman Omar of University Putra Malaysia presented a comparative analysis of protection by vaccination against Newcastle disease and AI. These deliberations were followed by a Q & A session facilitated by Prof. Dr Emdadul Haque Chowdhury of BAU. In the concluding session a summary of the symposium outcome was presented by Dr Giasuddin, on which valuable remarks were made by the invited guests including Mr Arun Kumar Malakar, Additional Secretary of the Ministry of Fisheries and Livestock, Mr Nathu Ram Sarker, Director-General of Bangladesh Livestock Research Institute, a representative of the Director General of the Department of Livestock Services and Mr Moshir Rahman, President of the Bangladesh Poultry Industries Central Council. The symposium was anchored by Dr Bishwajit Roy, the General Secretary of WVPA – Bangladesh branch.

The speakers in the symposium opined that although stamping-out through mass culling and decontamination is still the preferred option for controlling AI, this may not be equally applicable in countries with dense human and poultry population, limited resources and inadequate veterinary infrastructure. In that case vaccination is a valid option. However, to achieve the desired impact of vaccination against H5N1 AI, the vaccination strategy including vaccine selection needs to be reviewed and updated from time to time and it should be complemented with routine seromonitoring and virus surveillance.

Considering the huge economic consequences of widespread H9N2 low pathogenic AI in Bangladesh, vaccination against H9N2 also deserves active consideration. The symposium unequivocally emphasised the need for strict biosecurity at farms to prevent not only AI but other infectious diseases as well.

**Prof. Dr Mohammad Rafiqul Islam,
WVPA, Bangladesh**

Canada

Since 1st December, 2018, all Medically Important Antimicrobials (MIAs) for veterinary use can be sold by prescription only. The responsible use of MIAs is intended to preserve their effectiveness and minimise the development and spread of antimicrobial resistance.

The Canadian Association of Poultry Veterinarians (CAPV) has actively participated in and was part of the stakeholder consultation conducted by the Canadian government in the development of this rule.

To promote the responsible use of MIAs, the following important actions are necessary:

- Adding MIAs now sold over the counter to Canada's Prescription Drug List (PDL), to make sure they are sold by prescription only. Any drug containing an ingredient on this list must be sold by prescription. Veterinary oversight is an important part of antimicrobial stewardship. Veterinarians have the training to assess and diagnose animal disease. They can decide if antimicrobial drugs are needed and prescribe the right treatment.

- Removing growth promotion claims from MIA drug labels.

- Labelling all in-feed and in-water MIAs with responsible use statements.

Canada's decision is aimed at aligning with international best practices, promoting responsible use of MIAs in animals, and protecting human and animal health and food safety.

All MIAs currently sold over the counter will have prescription status, and will be sold and distributed like other veterinary prescription drugs in Canada.

So, what does this mean to stakeholders?

- In order to purchase a prescription (Pr) drug for their animals, animal owners first need to get a prescription from their veterinarian. This will have a significant impact to animal owners who had previously accessed medicines from livestock medicine outlets and commercial feed mills.

- Veterinarians and pharmacists can sell a Pr drug (including a DIN [Drug Identification Number] drug premix and medicated feed) to animal owners. However, these end users must have a prescription. This will also give an opportunity for veterinarians to work with their clients on antimicrobial stewardship

Branch reports

through other management channels such as biosecurity, nutrition, husbandry, and vaccination programs.

- Drug companies can sell a Pr drug (including a DIN drug premix) to pharmacists, veterinarians, other drug companies and wholesale druggists. Drug companies cannot sell a Pr drug to animal owners and retail stores. Drug companies can sell a DIN drug premix (for mixing in feed) directly to commercial feed mills without a prescription.

- The commercial feed mill can mix a DIN drug premix with feed ingredients to make medicated feed. With a prescription, the commercial feed mill may sell a Pr medicated feed to end users in the form of a supplement, micro premix, macro premix, or complete feed.

- Retail stores cannot access or sell Pr drugs in any form to anyone, even with a prescription.

Additional information, including Canada's PDL, can be found on this link-

<https://www.canada.ca/en/public-health/services/antibiotic-antimicrobial-resistance/animals/actions/responsible-use-antimicrobials.html>

Dr Teresa Cereno
WVPA, Canada

Hungary

The Branch organised the annual Derzsy Days in Hajdúszoboszló from 7-8th June 2018. Hajdúszoboszló is a nice spa city located in the eastern part of Hungary. Around 250 registered participants enjoyed the presentations and social programs.

The event was opened by the president, Tibor Magyar, who showed a memorial presentation about Prof. János Mészáros, who was a founding member of the Hungarian Veterinary Poultry Association (HVPA) and then served as its President for 50 years.

The previous president, János Paljak received the Derzsy Award in this year. His presentation was about the interesting cases he faced during his long carrier as a chief veterinarian of a large turkey breeder company.

Prof. Mattia Cecchinato from Italy gave a very interesting lecture about infectious bronchitis virus and avian metapneumovirus



diagnosis and control. Further lectures in the Thursday morning session were about the avian influenza outbreak 2016-2017, fipronil cases and pest control strategies on poultry farms.

On Thursday afternoon there was a block of presentations about peripheral neuropathy in chickens followed by a round table discussion. The successful day was closed with a pleasant gala dinner.

On Friday there were many interesting presentations on different topics: anatipestifer disease, insulin and glucagon regulation with nutrition in broilers, immune complex vaccines against Gumboro disease, control measures of effectiveness of in ovo vaccination and veterinary aspects of pheasant and Struthioniformes breeding.

Dr Miklós Gyuranecz,
WVPA, Hungary

**János Paljak receives the Derzsy Award
from Vilmos Palya**



Mattia Cecchinato giving a lecture on infectious bronchitis virus and avian metapneumovirus at the 2018 Derzsy Day

Italy

On 10-11th May 2018, the Italian branch of the World Veterinary Poultry Association held the 57th Annual Conference of the Società Italiana di Patologia Aviaria (Italian Society of Avian Pathology) in Marmirolo, Mantua province.

The first day focused on avian influenza outbreaks observed in Italy in 2017-18 (speaker Calogero Terregino, IZS delle Venezie) and on several case reports observed in Italy in 2017 (speakers: Salvatore Catania, IZS delle Venezie; Giovanni Tosi, IZS Lombardia & Emilia Romagna, Forlì; Alessandro Scolari, Vallerana Laboratory).

On the second day the Conference was entitled 'Antibiotic-Free Poultry Production: current situation and future prospects'.

Six international distinguished guests were invited as speakers:

- Dr Dan Pearson (Aviagen Veterinary health director, GB-Europe) gave a presentation on Procedures to rear antibiotic-free chickens in poultry meat production.

- Dr David D. Heckman (Global Poultry Consultant) talked about the situation of poultry production raised without antibiotics in the USA.

- Dr Rossella Pedicone (Unitalia, Roma) presented the Italian effort in order to reduce the use of antibiotics in poultry production and the result of the National Action Plan on Antimicrobial Resistance.

- Dr Salvatore Catania (IZS delle Venezie) attracted attention with a talk entitled New diagnostic tools for the prudent use of antibiotics.

- Dr Carlo Ferrari (Quality Assurance Esselunga) gave a point of view of Italian Large-Scale Retail Chains and, in particular,

Esselunga, and the consumer needs regarding important issues such as the use of antibiotics in livestock animals and animal welfare.

- Dr Loris Alborali (IZSLER Brescia) presented the Classifarm system. This system will be a valid instrument to evaluate and to monitor the use of antibiotics in combination with welfare and biosecurity evaluations.

On 14th September 2018, the 3rd Scientific symposium of the Società Italiana di Patologia Aviaria was held in Parma. Seventeen papers and two posters were presented covering various aspects of avian pathology. Most of the speakers were young researchers coming from the University and from various Institutions such as Istituto Zooprofilattico.

The 58th Annual Conference was held in Forlì on 28-29th March 2019 during the International Poultry Exhibition.

Prof. Mattia Cecchinato
WVPA, Italy

Kenya

Kenya Veterinary Poultry Associates Trust (KVPAT) held a publicity lunch at Machakos on the 13th July 2018. Machakos is 60 kilometres southeast of Nairobi. It is a fast growing town and is becoming very important in the poultry sector as more farmers take up poultry farming.

The purpose of the lunch was to bring together veterinarians and para-veterinarians and explain to them what WVPA does around the world and how they could plug in.

The KVPAT attendees at Machakos, Kenya



Branch reports



Dr Mary Talatu Angani from Nigeria (second from right) who won the WVPA-Zoetis Young Veterinarian Award

Thirty vets and para-vets attended and we spent about three hours together as we publicised what we do. So far, we have had five of those who attended joining KVPAT, bringing our membership to 42.

The big take-away from Machakos was this: The vets expressed their eagerness to be trained more on poultry medicine and husbandry because many of them felt inadequate when addressing poultry issues.

KVPAT is an approved CPD provider in Kenya and we held our first CPD in May 2018 during our launch in Nairobi.

The Eldoret CPD was a follow up to this. Eldoret is about 350 kilometres to the west of

The Kenya team. From left, Dr Simon Alubbe, Mr James Maina and Dr Edinah Cherotich attending the WVPA Asia Conference in Kuala Lumpur



Nairobi. The CPD was held at Sirikwa Hotel, from the 27-28th July. Those who attended managed to garner 14 CPD points. The required annual total is usually 20 CPD points.

We had an attendance of 18 veterinarians and we covered a wide range of topics around poultry disease diagnosis and treatment. The stand out presentations were on postmortem of chicken and food hygiene and safety protocols in handling poultry meats.

Three members, namely Dr Edinah Cherotich, Mr James Maina and Dr Simon Alubbe, attended the WVPA Asia conference in Kuala Lumpur from the 1-2nd October 2018. WVPA graciously sponsored two of the attendees quite considerably.

We enjoyed the sessions immensely and left having learnt a lot to share with our colleagues in Kenya. The conference was well organised and we were impressed with the city of Kuala Lumpur.

Dr Simon Alubbe
WVPA, Kenya

United Kingdom

The British Veterinary Poultry Association (BVPA) held its Spring Meeting on 13-15th March 2019 in Harrogate – the traditional home of BVPA. The meeting attracted a wide range of attendance with over 80 delegates.

The meeting was themed Progress and Politics in Protozoal disease and successfully covered this topical area.

The meeting was opened by BVPA (UK Branch) President Dr Philip Hammond. The meeting kicked off with the Keith Gooderham Waterfowl Lecture, which is given by an eminent waterfowl speaker. This year the presentation was given by Dr Andrew Ballantyne who has spent most of his life working in the UK with ducks and geese and is currently technical manager for Green Label Poultry – famous for the Gressingham duck.

The one hour lecture covered an extensive overview of the global duck industry as well as a view on the future of ducks and welfare.

The technical presentation covered all aspects of production from genetics and breeding through to hatchery management and commercial growing.

The main thrust of the meeting gave an



Presentation of the Keith Gooderham Waterfowl Lecture Certificate and Rose Bowl to Dr Andrew Ballantyne, left, with Keith Gooderham, right.

update on protozoal diseases. Damer Blake from the Royal Veterinary College discussed Cryptic Eimeria and new/emerging Eimeria strains that have been identified and posed interesting questions around these newly identified species and their significance to global poultry production.

This was followed by Fraser Broadfoot from the UK Veterinary Medicines Directorate who gave an update on coccidiostats in the EU and the current legislative positions and future challenges given the increased interest in these drugs in controlling coccidiostats and the backdrop of antibiotic free production.

James Horner from Elanco Animal Health gave an industry update on coccidiostats and a philosophical presentation on our aims in controlling coccidiosis.

From here the meeting moved on to the motile protozoa and Emma Youngs presented an update on her PhD regarding histomoniasis in turkeys and then raised many questions indicating the lack of information and research on this significant pathogen which can have destructive effects on turkey production.

Monita Vereecken of Huvepharma updated the UK delegates on the use of paramomycin for control of histomoniasis in turkey production. There was interesting discussion in the audience regarding personal experiences with mixed responses which primarily appeared to be affected by the timing of onset of treatment.

The subject of motile protozoa continued with Wil Landman from Deventer discussing experiences with *Tetratrichomonas gallinae* in chickens in Holland, and Mark Elliott, a private practitioner discussing experiences with motile protozoa in gamebirds – complexities and dilemma. This thought-provoking presentation discussed spironucleus and trichomonas, which are both common issues in rearing gamebirds in

the UK. Whilst on the subject of gamebirds David Baines updated the delegates on work conducted by the Game and Wildlife Conservation Trust in respect of Respiratory Cryptosporidiosis in Red Grouse in Northern England.

The BVPA Dinner was held in the evening – a great social occasion where fellow professionals and industry colleagues come together to enjoy conversation. The BVPA were honoured to have the presence of the British Veterinary Association President Simon Doherty who was the after dinner speaker.

The concluding day featured a presentation from Mark Williams – Chief Executive of the British Egg Industry Council – with an update on the work of the Laying Hen Welfare Foundation and the research being undertaken on retaining feather cover and reducing injurious pecking in laying hens.

Senior Vice President of BVPA David Welchman then gave an update on the research group with BVPA that had undertaken extensive research with the assistance of Prof Janet Bradbury into mycoplasmosis in gamebirds in the UK. The work centred around strain identification, epidemiology, MIC analysis and development of best practice guidelines in minimising spread and limiting clinical mycoplasmosis.

Dr Mary Talatu Angani, WVPA-Young Poultry Veterinarian of the Year 2018 then presented – Discovery of Antibodies to Eimeria infection in Chicken – next generation phage display.

In the final session, presentations were received from Henri Kodilinye-sims (University of Surrey) with an interesting demonstration on model chickens being used in veterinary colleges to teach veterinary students how to euthanise chickens, how to hold chickens, and how to swab chickens.

Khaled Hussein from EcoAnimal Health updated the group on the commercial costs associated with *Mycoplasma gallisepticum* and *Mycoplasma synoviae* infection in commercial layers and the meeting closed with a talk from Christopher Poulos of APHA on examples of APHA collaborative disease investigations.

The next BVPA meeting will be held in the summer at Alltech and the winter meeting will be in Belfast.

Philip Hammond
WVPA representative for the UK

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2019
WORLD VETERINARY POULTRY ASSOCIATION CONGRESS
BANGKOK THAILAND
SEPTEMBER 16 - 20, 2019
BITEC, BANGKOK, THAILAND



POULTRY: THE VALUE PROTEIN FOR ONE'S HEALTH

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ABSTRACT IMPORTANT DATES

Online open	Submission deadline	Notification
November 1, 2018	January 31, 2019	March 31, 2019

REGISTRATION

Online registration is now open

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DIAMOND



RUBY



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