

Aerosols

Newsletter of the World
Veterinary Poultry Association



Editor – Philip Hammond

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

President's message

The event in this year's calendar is, without doubt, the 4th WVPA Asia Meeting that will be in Kuala Lumpur, Malaysia and will be hosted by our Malaysian Branch. Everything is progressing smoothly and it is great to see some new faces among our 'commercial friends'. Looking among the papers likely to be chosen I think it is fair to say that the technical sessions will be dealing with the guts of their subjects which will centre around the meeting's theme of "Detection & Control of Poultry Diseases".

This very nicely brings me on to an important topic. The WVPA has funds available to support members to attend scientific meetings in the avian health field. October's WVPA Asia Meeting certainly qualifies as a scientific meeting for which travel grants will be able to assist those with limited resources to attend. These grants are particularly beneficial for poultry post graduate students and young veterinarians starting off their veterinary careers. The money is there so all I can say is 'if you don't ask, you don't get'!

What else is happening? Well, at least three branches – Bangladesh, India and Kenya – will be holding special branch meetings to which their friends from other branches will be most welcome to attend. At VIV Europe in June WVPA will be hosting a half day technical session. This is being organised by our vice president Nicolas Etteradossi and its programme will be circulated shortly. Then, of course, there is our Global Congress to look forward to in 2019, which will be hosted by our Thai Branch and held in Bangkok.

Finally, on a lighter note, I was recently editing some biographies and abstracts for a conference when I came across an abstract on the merits of using spices in poultry diets. The author in his biography described himself as 'a seasoned veterinarian' – no doubt he will be grilled in the question session after his presentation!

Nigel Horrox, President of WVPA

A Scottish success story – W

The highlight of the BVPA 2017 calendar was the WVPA2017 Congress in Edinburgh, which was a great success. Back in 2013 in Nantes when the British local organising won the bid to host the 2017 WVPA Congress. The last time WVPA Global Congress had been held in the UK was 1989 in Brighton and before that 1962 in Cambridge.

The local organising committee was chaired by Phil Hammond, supported by a very strong team including Alan Pearson as Secretary, Helen Houghton as Treasurer, David Welchman as Sponsorship Convener, Prof Dick Jones as Scientific Convener, Nicolas Cosseau as Marketing Manager, and Keith Warner as Social Convener. Prof. Dick Jones also headed up a prestigious and world renowned team on the Scientific Convening Sub-group as well as liaised with all the reviewers and key note speakers in

delivering a first class academic programme. I have been very proud since the start of the organising of this congress to have had the opportunity to work with such an enthusiastic, forward thinking and driven team – we have worked united together on delivering the congress from the outset in what was not only hard work, but a huge amount of fun.

And so – onto the congress itself – this was delivered in the historic city of Edinburgh from the 4-8th September 2017 at the Edinburgh International Conference Centre.

The event kicked off at Edinburgh Castle with the welcome party, kindly sponsored by HIPRA, and we were entertained by bagpipes, mock battles, and an actress playing Mary Queen of Scots actress, as the sun set over the great skyline of Edinburgh. The event was sold out and a massive success. We also had a formal speech given by The Lord Provost of Scotland to welcome our guests from far and wide.

The academic session was of high calibre, with a breadth of traditional and current topics covering both the latest research through to practitioner papers discussing current challenges in the field. There were 16 key note speakers as well as the Avian Pathology lecture, and Keith Gooderham Waterfowl Lecture. Overall, 160 oral presentations were given across up to four parallel sessions giving delegates a huge breadth of choice. Further to the oral presentations there were over 350 poster presentations distributed by theme throughout the conference centre allowing delegates to interact with authors.

Workshops were provided on the Monday and were very well attended. They included a Post-mortem Examination of Poultry and Diagnostic Gross Pathology of Poultry Diseases, Regional Forum - North Africa - Enzootic Avian Influenza, Genome engineering and wider applications, Publishing in academic journals: tips to help you succeed.

The Gala dinner was hosted in the historic National Museum of Scotland, which was attended by 1200 people. The venue was spectacular and a fantastic evening was had by all. The evening closed with a breathtaking performance by the world famous Red Hot Chilli Pipers – a real memory for our delegates to take home with them.

The conference was a world record for WVPA and the popularity of the congress was driven by excellent marketing, huge support from our commercial partners, the popularity of Edinburgh and the EICC venue, and the attractive scientific and social programmes.

We have a huge debt of gratitude to pay to our commercial partners who made a huge contribution to the event – helping to promote the congress, as well as the financial commitment they made and for a first class exhibition also. The Diamond plus commercial partners were MSD, and Boehringer Ingelheim, Diamond sponsors HIPRA and CEVA, Gold Sponsors, Zoetis,



Phil Hammond, BVPA President. Chairman of the organising committee for the WVPA Congress 2017



WVPA Congress 2017, Edinburgh

Silver, Phibro, Eco-Animal Health and IDT. We also extend our thanks to all other partners and exhibitors for their huge support.

Our event was also successful financially. This was achieved through the huge popularity of the event and complete sell out of the Edinburgh Welcome Party, complete sell out of the Gala Dinner and record breaking number of delegates attending from far and wide. The financial success will now be shared with WVPA Global and to BVPA through the BVPA Trust Fund.

The BVPA committee would also like to extend their thanks to MCI – our professional conference organiser for the excellent support and guidance provided to the local organising committee in the lead up and throughout the congress. Further, great thanks are extended to the WVPA Global Team who provided huge support – Nigel Horrox, Francois Xavier Le Gros, Nicolas Eterodossi, Chuck Hofacre and Aini Ideris.

As one WVPA Congress closes we look forward to the next and I urge members to continue to support our global association. The WVPA2019 Global Congress will be held in Bangkok, Thailand.

We also extend our congratulations to the Italian local organising committee for their successful bid in hosting WVPA2021 in Verona, Italy. Further details can all be found on the WVPA website: www.wvpa.net

Philip P Hammond
BVPA President



Nigel Horrox,
President of the WVPA

Bangladesh

The Bangladesh branch of WVPA was formed in 2006. Recently, a new initiative has been taken to strengthen the activities of the branch. A new membership drive was undertaken with enormous response from poultry vets in Bangladesh.



New Executive Committee of
WVPA Bangladesh Branch

The current membership stands at 135. A new Executive Committee was formed on 8th July 2017 in a general meeting of the Branch. Professor Dr Mohammad Rafiqul Islam of the Department of Pathology, Faculty of Veterinary Science, Bangladesh Agricultural University has been re-elected as the President of the branch, while Dr Bishwajit Roy of Animal Health Division, Renata Limited has been elected as the Secretary.

The poultry industry in Bangladesh is growing fast. At present there are more than 80,000 registered poultry farms including 16 grandparent stock farms, 207 parent stock farms, 54,000 broiler farms, 18,000 layer farms and 8,000 duck farms.

The Bangladesh branch of WVPA has decided to organise a biennial scientific meeting on a regular basis to address health, welfare and management issues of poultry and to provide technical support to farmers. As the first initiative a symposium on avian influenza will be held on 12th May 2018 in Dhaka.

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

Canada

Chicken Farmers of Canada (CFC), an industry group representing the 2,800 chicken farmers in Canada, has announced further restrictions on the preventive use of antibiotics of human importance.

Following the successful elimination of Category I (Categorization of Antimicrobial Drugs Based on Importance in Human Medicine - Canada.ca) antibiotics for disease prevention in Canadian chicken production in 2014, CFC has established timelines to eliminate the preventive use of Category II antimicrobials by the end of 2018, and has set a goal to eliminate the preventive use of Category III antibiotics by the end of 2020.

CFC's policy will maintain the use of ionophores (those antimicrobials not used in human medicine) along with antibiotics for therapeutic purposes to maintain the health and welfare of birds.

The objectives and approach of CFC's strategy – which targets surveillance, reduction, stewardship and research – works in collaboration with the Canadian government's Pan-Canadian Framework on Antimicrobial Resistance (AMR) and Antimicrobial Use (AMU).

"Chicken Farmers of Canada has been a leader in antimicrobial stewardship, and this strategy provides continued confidence to consumers, customers, and to governments," said Benoît Fontaine, Chair of Chicken Farmers of Canada. "This strategy provides a sustainable means of meeting consumer expectations, while maintaining the ability for farmers to protect the health and wellbeing of their birds."

This policy will be implemented using CFC's On-Farm Food Safety Program, which is a mandatory set of production requirements for all Canadian chicken farmers.

CFC will continue collaborating on industry and government surveillance programs to monitor antibiotic use and the impacts of the reduction strategy, while also continuing to invest in research to provide innovative solutions.

Stewardship of antibiotic use will be promoted by reviewing best management practices, by increasing the availability of feed additives, and by focusing on quality throughout the stakeholder chain.

CFC supports the responsible use of antibiotics and believes that antibiotics are an important tool for the agriculture sector to maintain animal health and welfare, and to ensure a safe food supply. By implementing this strategy, CFC is taking a proactive stance to make sure that the Canadian chicken industry will continue to have access to effective antibiotics for treatment purposes.

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Course Masters at WVEPAH

Three Canadian poultry veterinarians are among the pillars of the World Veterinary Education in Production Animal Health (WVEPAH www.wvepah.org).

The WVEPAH is a non-profit educational organisation that was created in 2012, based in Luxembourg, Germany, and is affiliated with the University of Luxembourg as well as accredited by the World Animal Health Organization (OIE). The WVEPAH has been mandated by the OIE to train practicing poultry veterinarians worldwide and bring them to the level of experts. Drs Jean-Pierre Vaillancourt, Daniel Venne, and Robert Gauthier are the core of a group of Course Masters coming from different horizons and countries and have been recruited for their expertise in veterinary poultry medicine and their multi-lingual capabilities. The courses of the WVEPAH are given in English, French, and Spanish in different locations in the world. So far, courses have been given in Senegal, Tunisia, Germany, Brazil, Netherlands, Botswana, and are planned in China, India, and Russia. The full course is made up of two modules of two weeks each, one year apart, and leads to a certificate delivered by the University of Luxembourg and validated by the OIE. Module I covers the Key Disciplines and the OIE Regulations and Module II covers either broiler chickens, layers, turkeys or waterfowl.

All the Course Masters are diplomates of the American College of Poultry Veterinarians (ACPV) or the European College of Poultry Veterinary Science (ECPVS) or are university teachers well-connected to field practice. The course content is practice-oriented to help veterinarians working in the field and connected to the reality of poultry production.

Dr Teresa Cereno
WVPA Canada

Czech Republic

The 20th International Poultry Conference 'Poultry 2017' was held at the Myslivna Hotel in Brno, Czech Republic on October 24-25th, 2017. The conference is organised jointly by the Czech Association of Avian Medicine, the Czech Branch of WVPA, and the Czech Branch of the World Poultry Scientific

Association WPSA. This now customary collaboration enables breeders and poultry specialists to make close contact at local or international level.

Nine foreign and 11 Czech specialists participated at this year's conference.

Veterinary issues included increasing antimicrobial resistance, the use of probiotics and normal gut microflora.

The potential of vaccination against salmonellas was debated and an assessment was made of the occurrence and detection of avian influenza viruses in the Czech Republic this spring with a view towards improving animal health and reducing the spread of infections. Presentations focused on parasitic issues including new developments of vaccines against coccidiosis and new measures to control the red fowl mite.

At this year's conference, an award was made. At the Edinburgh Congress, the World Veterinary Poultry Association inducted the late Prof. Bedřich Klimeš into their Hall of Honour together with the president of our association Dr Karel Kovarík.

During our conference, a posthumous commemorative award honouring Prof. Klimeš was symbolically given by Dr Karel Kovarík into the hands of Prof. Vladimír Vecerek, the vice chancellor of the University of Veterinary and Pharmaceutical Sciences Brno.

The President of the Czech Breeding Branch of WPSA Ing. Pavel Trefil presented an award to Dr Karel Kovarík for his long-term professional and organisational activities within the WVPA and WPSA and congratulated him for his induction into the WPSA's Hall of Honour. This marked his long-term collaboration in organising many international conferences and professional



Dr Karel Kovarík receiving his award from Ing. Pavel Trefil.



Participants at the 'Poultry 2017' Conference in the Czech Republic.

meetings for poultry specialists in the Czech Republic.

In general, both the professional and social programmes of the conference were positively accepted, which was also confirmed by a great number of participating veterinary and breeding experts.

**Dr Karel Kovarik
WVPA Czech Republic**

France

The French Branch of WVPA organised in November a one day workshop untitled: 'Practical Veterinary Management of avian influenza in different epidemiological contexts and poultry production systems.'

The aim of this avian influenza (AI) workshop was to share different experiences and approaches in disease management, all over the world.

After a short presentation of the French epidemiological features of the 2015-2016 and 2016-2017 outbreaks in France, three famous invited speakers: Professor D.E. Swayne (Southeast Poultry Research Laboratory, US Department of Agriculture, Athens, Georgia, USA), Professor M.R. Islam (Université de Mymensingh, Bangladesh) and Professor J.P. Vaillancourt (Faculté de Médecine Vétérinaire de St-Hyacinthe, Université de Montréal) presented their knowledge of the US, Bangladesh and Mexico outbreaks, respectively.

Surveillance, management of the infected farms and control measures were the focus of

our concern. This meeting provided an opportunity for an update and a discussion about lessons learned from the different outbreaks. More than 50 avian veterinarians attended this workshop that was organised exclusively for French WVPA members.

The next day, technical visits were organised for our invited speakers in the Pays de la Loire area, the second duck production area in France, in order to show them some specific features of French duck production.

A visit to one of the world leading companies applied to animal genetic selection of duck breeders was organised in the morning. In the afternoon, we visited two ducks farms, one for meat duck production and a second one newly equipped with a winter garden and involved in 'foie gras' production.

The workshop was most appreciated by the attendees, especially considering the ongoing efforts implemented to prevent re-occurrence of AI in France during the forthcoming winter season.

The bureau of the French branch of WVPA expresses its most sincere thanks to the distinguished speakers for extremely good dialogues and exchanges!

**Dr Nicolas Etteradossi
WVPA France**

Israel

Recently Dr Irit Davidson and her laboratory, collaborating with field poultry veterinarians, published an original research in VACCINE (Davidson Irit et al. 'Monitoring the uptake of live avian vaccines by their detection in feathers' Vaccine (2017).

Vaccine administration is diverse, including individual bird injections, manually or automatically, or mass-vaccination by drinking water, spray or in ovo vaccination.

Vaccination success depends on the vaccine efficacy to protect against virulent pathogens, but its proper application is essential. However, that aspect attracted less attention.

Typically, vaccination application is monitored by the antibody levels following vaccination, however, that approach is indirect and not universally applicable for viruses that elicit mainly cell-associated immune responses.

As no direct assays for vaccine application

A visit to a duck farm by the French branch of the WVPA; Prof Islam, Prof Swayne, Prof Vaillancourt, Dr Le Bouquin and Dr Scoizec (Anses), Dr Durand (vet practitioner) and Mr Bretaudeau (the farmer).



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evaluation exist today, the research presented an innovative assay to demonstrate the live vaccine virus presence in feather shafts of the vaccinated birds. The feathers are advantageous for monitoring purposes as their collection is easy and not lethal, while representing the systemic blood.

The accuracy and applicability of findings obtained from experimental infection trials to commercial flocks cannot be extrapolated. For that reason Dr Davidson aiming to reflect 'real-life' situations and to provide novel operative tools for evaluating commercial vaccination application, focused on commercial flocks which were vaccinated by commercial teams.

The study described the vaccine uptake monitoring of four avian live vaccine viruses, Marek's disease (MDV), Infectious laryngotracheitis (ILT), chicken anaemia (CAV) and turkey meningoencephalitis (TMEV) by defining the virus presence kinetics in feathers of commercial flocks that were vaccinated commercially.

While the herpesvirus vaccine viruses MDV and ILTV persisted throughout the survey, 96 and 25 days post-vaccination, respectively, CAV and TMEV vaccine viruses created viraemia on a time-window of 14-35 and 3-21 days post vaccination, respectively.

The knowledge gained from the study served to evaluate various vaccination events.

Dr Rachel Bock
WVPA Israel

Italy

On 22nd September 2017, the Italian branch of the World Veterinary Poultry Association held the 2nd Scientific symposium of the Società Italiana di Patologia Aviaria (Italian Society of Avian Pathology) in Parma. Seventeen papers were presented and covered various aspects of avian pathology.

Most of the speakers were young researchers coming from the University and from various Institutions such as Istituto Zooprofilattico.

During the XX World Veterinary Poultry Association Congress it was decided that Italy will host the XXII Congress of the WVPA in Verona in 2021.

Dr Mattia Cecchinato,
WVPA Italy



Pakistan

A delegation of seven people from WVPA Pakistan Branch attended XX World Veterinary Poultry Association Congress (WVPAC-2017) in Edinburgh, UK, from 4-8th September 2017.

The Pakistani WVPA delegation was led by Dr Hanif Nazir Ch (President WVPA Pakistan) and other members included Dr Muhammad Kashif Saleemi (Assistant Prof. Department of Pathology, UAF), Dr Faqir Muhammad Sabir Chairman Sabi's group of poultry, Dr Aisha Khatoon (Lecturer Department of Pathology, UAF), Dr Ghulam Mehboob, Saadat International, Dr Muhammad Shoaib from SB Poultry, etc.

Three scientific presentations were made by Pakistan members. One Oral presentation on mycotoxins inactivation was made by Dr Aisha Khatoon and two Poster presentations

Members of the Italian Branch of the WVPA during the XX World Veterinary Poultry Congress in Edinburgh

Dr Saleemi, Dr David Sweeney and Dr Aisha of the Pakistan branch at WVPAC 2017



by Dr Muhammad Kashif Saleemi. The WVPA/Houghton Trust partially supported one young scientist Dr Aisha Khatoon to attend and present her research paper. Dr Saleemi also appreciated the financial support of WVPA after meeting with WVPA secretary Dr Francois- Xavier Le Gros. Dr Saleemi attended the WVPA Bureau meeting on 4th September.

Dr Saleemi and Dr Aisha discussed different diseases with global experts like Dr Sweeny on Avian influenza and Prof. Hess on adenovirus infections. Dr Saleemi also discussed with Prof. Amir NoorMohammadi from Australia on possible research collaborations. It was an excellent learning opportunity provided by BVPA in collaboration with WVPA. At present the Pakistan Branch of WVPA has 68 members.

Dr Muhammad Kashif Saleemi
WVPA Pakistan

Slovak

Dr Vladimír Bony has been elected as the new president of the Slovak branch of WVPA from the end of this year. The previous president Dr Ivan Kostúr abdicated after two election periods.

Vladimír previously worked for 18 years at the Slovak Vet Agency, as the Head of their Biological department and for 20 years as a representative of Merial in Slovakia, responsible mainly for their poultry business. He is now recently retired.

Dr Jozef Kalus is still executive secretary of the Slovakian branch for the next election period.

Key schedule for 2018:

- Congress of the Slovak branch on 27th March, 2018.
 - Congress of the Slovak Farm Animal Veterinary Associations, September 2018. Discussion forum.
 - Congress of the Slovak Veterinary Chamber, May. Participation and discussion forum.
- The current disease situation in Slovakia is not too bad. There was an interesting situation with AI in swans in the south of

Slovakia, but no poultry farm was infected. This was due to good protective measures from our State Veterinary and Food Administration and cooperation with the Slovak Veterinary Chamber and our branch.

Vladimír Bony
WVPA Slovak

USA

We had a great meeting in Indianapolis, which I found to be a very user-friendly convention venue. Our new schedule seemed to flow reasonably smoothly, and several new or altered events, such as the AAAP 'Meet the Experts' session, were well received. Thanks to all who completed the annual meeting evaluation.

The Board and the Scientific Program Committee take the results of these surveys very seriously as we strive to make our annual meeting relevant, and provide the scientific content, networking opportunities, and social events that you want. We are always open to comments and suggestions to improve the meeting and better meet your needs. We are already at work on the schedule for the 2018 meeting in Denver, which will be impacted this year by the Second International Conference on Necrotic Enteritis in Poultry immediately preceding our meeting, requiring some further adjustments. Stay tuned for developments!

Thanks also to all the committee chairs who have submitted their annual reports from our meeting in Indianapolis. The committees are the engines that accomplish the work of this organisation, and we appreciate all your hard work.

One of the objectives I have for my presidency, which I share with our Executive Vice President, is higher visibility for AAAP and better advocacy for our scientific positions.

We had a great group of 10 members to attend our annual legislative fly-in in Washington, DC on October 23-24. In addition to meeting with the AVMA Governmental Relations Division, the National Chicken Council, and the National Turkey Federation, we had fruitful discussions with the National Association of Federal Veterinarians on the shortage of veterinarians in federal agencies, FSIS in particular; with FDA on antimicrobial

Vladimír Bony
(second from left)
with the previous president
Dr Kostúr at WVPA Nantes



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resistance, antimicrobial use, and drug availability, especially for blackhead; with USDA APHIS on indemnity for low path AI, ventilation shutdown for depopulation, and our support for the Animal Pest and Disease Disaster Prevention and Response Program in the 2018 Farm Bill. AAAP expressed our willingness to serve as an expert resource for APHIS on poultry disease issues. We also met with USDA FSIS to discuss campylobacter standards, salmonella category issues, woody breast and other non-infectious myopathies, unintended consequences of the current wave of process labelling of animal products, and resources to support NPIS and increased line speeds; and with USDA ARS on the urgent need for research into interventions for blackhead. Our members met with legislative staff from their respective states to deliver our priorities for the 2018 Farm Bill, including support for the Animal Pest and Disease Disaster Prevention and Response Program, NAHLN, NIFA competitive grants funding, FARAD, and ARS. Several committees, including Drugs and Therapeutics, Animal Welfare, and Food Safety contributed to the development of one-page bullet points and updated backgrounders on these issues for these regulators.

The Board has submitted comments to the committee updating the AVMA Model Veterinary Practice Act. In particular, we have

urged the model act to recognise the needs of food animal practitioners in corporate practices with responsibilities in multiple states, and have made suggestions for the veterinarian-client-patient relationship and for reciprocal licensure to assist these veterinarians in providing timely, expert service to their employers, patients, and clients.

We have also endorsed and forwarded the Animal Welfare Committee's recommendation to the AVMA panel on depopulation that ventilation shutdown with heat or CO₂ be continued as an approved method allowed in constrained circumstances, and provided additional support in the form of a research report sponsored by USPEA.

Joe Feeks continues to provide excellent exposure for AAAP via the Poultry Health Today website. We invite you to check out the 'News from AAAP' tab on that site. In that vein, and in support of our efforts to increase our public visibility, we are in the process of establishing a digital information committee to further enhance our presence on the web and in digital media, and a Consumer Trust Task Force.

**John A. Smith,
WVPA USA**

The 12th International Symposium on Marek's Disease and Avian Herpesviruses, Yangzhou, China

The 12th International Symposium on Marek's Disease and Avian Herpesviruses will be hosted in Yangzhou, China, from July 29 to Aug 2, 2018. Yangzhou is a beautiful city, with a long history of over 2500 years, sitting on the northern bank of the Yangtze River.

It is convenient to arrive in Yangzhou, via air or high speed trains from Beijing (the capital of China) or Shanghai (the largest city in China).

The online registration has been started.

For more information visit: www.mdv2018conference.net.

Zhizhong Cui, WVPA China

14 years in the Hungarian



Ian Brown giving a lecture on AI at the 2017 Derzsy Day

Hungary has old traditions of extensive poultry farming, a system in which veterinary care was provided by non-specialised district veterinarians. In the second half of the 1950s, rapid development of large-scale poultry production was started in our country. As a result, so-called large-scale poultry flocks were established without the necessary economic, technical and professional conditions, which inevitably led to huge losses. The task of mitigating and preventing these losses fell upon the veterinarians, as in the rural areas there were hardly any other people capable of solving such problems. Therefore, attaining the special knowledge necessary for reducing the huge losses encountered in 'large-scale, intensive poultry production' was of vital importance for both the professional work and the livelihood of veterinarians working in the field.

The legal predecessor of the Hungarian Poultry Veterinary Association, the Poultry Veterinary Section (the Hungarian Branch of the WVPA) was established on 16th December 1959. As its President, the Section elected János Mészáros, who had already attended, in the autumn of 1959, the Utrecht meeting organised by Professors de Blik and Gordon who first recommended the establishment of the World Veterinary Poultry Association (WVPA). The Secretary of the Section became Domokos Derzsy who served in that capacity until his death in 1975. In 1996 János Mészáros tendered his resignation from his position as President, and since that time he supported the work of the Association as Honorary Life President.

In the first four years of its existence, the Association held technical meetings almost every month. These meetings were mostly focused on the most pressing problems occurring in the field: respiratory diseases, fowl cholera, vaccination against Newcastle disease, and coccidiosis. The colleagues working in the veterinary institutions and

regularly reading the international technical literature also contributed substantially to the successful activity of the Association. Later on the Association played an important role in initiating, or providing a preliminary opinion on, the guidelines and decrees issued by the Ministry of Agriculture and

subsequently by the Ministry of Agriculture and Food on matters concerning poultry breeding and health. This was greatly facilitated by the fact that the 'poultry' veterinarians and breeders working in the Ministry attended all meetings of the Association (and many of them were members of its executive board). In this way our technical meetings became and remained the most important forum of poultry health in Hungary.

In 1993 we launched the two-day annual conference series called Derzsy Days in commemoration of Domokos Derzsy. These conferences are held on Thursday and Friday in the first week of June every year. We often invite renowned specialists from abroad to give lectures at these conferences: so far about 40 speakers from other countries have made presentations at the Derzsy Days, among them the greatest international experts of poultry diseases. At the scientific conference, every year a veterinarian selected by the board of trustees is awarded the Derzsy Prize, which is presented by the scientific director of the founder (Phylaxia Veterinary Biologicals Co Ltd) together with a big ornamental Zsolnay porcelain vase. Up to 2017, 24 poultry veterinarians have received this prize. In 2015 the Executive Board of the Association founded the 'Veterinary Poultry Association Prize', which is conferred on colleagues as a recognition of outstanding practical and theoretical achievements as a lifework award. This prize has been awarded on two occasions so far.

Our ties with the WVPA gradually strengthened, and thus in 1997 we had the privilege to host the XIth International Congress of the WVPA. As this was the first WVPA congress held in the 'Eastern bloc', we expended enormous energy in its preparation. These efforts were crowned with success, as the number of participants was almost twice as high as that attracted by the previous congress of the highest attendance. More than 1100 specialists from 70 countries of the world attended the event held in the Budapest Congress Centre. The Bureau of the WVPA expressed its great satisfaction by electing János Mészáros, the President of our Association, Honorary Life Member of the WVPA. In 2013, we presented a substantial bid to host the XXth International Congress of the WVPA in 2017, with the motto 'the twentieth after twenty years'; however, ours was not the winning bid.

Speakers at the round table discussion



n Veterinary Poultry Association

In recent years it has become a general practice for us to hold at least two technical meetings other than the Derzsy Days (one in the spring and another in the autumn), where we give presentations on timely issues and the colleagues attending international conferences summarise the most important things heard there.

Our Association proposed to start poultry veterinary specialist postgraduate training courses in Hungary, and at the three training courses held since 1972 a total of 150 colleagues have earned their poultry veterinary specialist qualifications.

Dr László Korösi

After obtaining my agricultural technician's certificate, I continued my studies at the University of Veterinary Science in Budapest, where I obtained my veterinary diploma in 1975. Subsequently, in 1983 I earned my poultry veterinary specialist's certificate. As a poultry veterinarian, I started to work at a Shaver layer breeder company (GP programme). Initially I was a veterinarian supervising the company's farms, hatcheries and laboratories and then I worked as a poultry veterinary consultant in Hungary and abroad. My next workplace was a Ross grandparent joint venture in Hungary, where I worked as chief veterinarian and consultant visiting the farms and hatcheries of our Hungarian and foreign customers.

In 2002 I established my own poultry veterinary consulting company, which has had business relations with several international companies ever since. I worked for Merial and Cobb as a veterinary consultant. I am the author of several scientific publications and have made poster and oral presentations at many international conferences and congresses. I am Titular Associate Professor of the University of Veterinary Medicine Budapest and a registered expert of the Hungarian Ministry of Agriculture. In 2010 I became a member of the PVSGEU Group.

I started working in the Hungarian Veterinary Poultry Association in 1996. I was greatly impressed by the atmosphere of the International Congress of the WVPA held in 1997 in Budapest, where I worked as an organiser and made a poster presentation. Following that event, I always tried to

translate my practical and experimental findings into scientific papers and presentations. In 2003 I was elected as Secretary of the Association, and from that time on I acted both as Secretary and Corresponding (International) Secretary, taking over the latter position from László Stipkovits. From 2011 I was the Corresponding Secretary of the Association.

In my capacity as Corresponding Secretary, my mission always was to raise the international reputation of the Hungarian poultry veterinary profession. I was proud of the fact that my country gave the international veterinary community three outstanding veterinary scientists after whom diseases were named: Aladár Aujeszky, Domokos Derzsy and József Marek. The relations built and friendships made in the past years helped me to invite internationally renowned speakers to give lectures at the Derzsy Days. Here it is important to note that our Association could not pay a substantial fee to the speakers, and thus other factors must have played a role in persuading the speakers to honour our event with their presence.

During my mandate as Corresponding Secretary, three internationally reputed Hungarian poultry veterinarians were elected into the Hall of Honour – László Stipkovits (Mexico, 2011), János Mészáros (Cape Town, 2015) and Vilmos Palya (Edinburgh, 2017).

I think everyone must know the time when they should yield their place to their successor. I feel that the time has now come for a young colleague to take over the Corresponding Secretary's duties from me. I have been considering this for some time, but previously I was not sure that the work that we started could continue to my full satisfaction. I thank Presidents János Benyeda and János Paljak for giving me a free hand in the international activities and trusting that I would do this job to the best of my abilities.

I would like to continue my veterinary consultant's work (although in fewer working hours than before) and I would like to remain active in the international scientific life as well, supporting the new, young Corresponding Secretary's work from the background. I will be able to spend more time with my family, my wife who has always supported me in my work, my five children and seven grandchildren.

Dr László Kőrösi
WVPA Hungary



Dr László Kőrösi

A student's view: Samuel Northing

I am a fourth year veterinary student, studying at the University of Nottingham Veterinary School; having kept poultry from a young age I've developed a keen interest in poultry medicine, and this inspired me to attend the WVPA congress in Edinburgh this September.

I was very lucky with regards to the location, given that the congress can occur anywhere in the world, as this time around it was right on my doorstep in Scotland which made it more convenient and affordable for a student like me to attend. Even so, the monetary support that I received from the WVPA was very much appreciated as it still proved to be an expensive trip.

I really enjoyed the congress, I thought it was well organised, in a great venue and there was a great atmosphere in which everyone seemed to be enjoying the experience of networking with fellow poultry professionals from around the world. Plus some great food!

I was pleasantly surprised by the variety of research being conducted; I learnt a lot, I did not expect to learn about the Ostrich industry in South Africa for example! With the diverse range of nationalities coming together, one thing that surprised me is that there seems to be a lack of communication between some countries – in an Avian Influenza discussion the North African representatives seemed to be much less knowledgeable about the


disease and how best to deal with it when compared with the more economically developed Northern hemisphere countries. A well respected American researcher seemed to open their eyes quite a lot, stimulating many follow up questions from them afterwards.

Maybe we need to improve our world networking so that we can all maximise our potential in production of poultry and controlling disease.

I'm very glad that I attended the congress, it opened my eyes to how friendly and connected the poultry industry is which made it more appealing to me. I was glad of the chance to meet with several poultry vets who I have done placements with in the past or have arranged for the future; furthermore, I met, for the first time, representatives from the University of Georgia, Atlanta, where I will be doing an externship next June.

It is a great opportunity for veterinary students to create contacts, connect with potential future employers and fellow industry professionals and get a feel for the industry. For these reasons I think it is important that veterinary students attend events like these, whether it is in poultry or another area.

**Samuel Northing,
Veterinary Student,
University Of Nottingham**



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 Phil Hammond at: phammond@crowshall.co.uk

Young Poultry Veterinarian of the Year Award

Having been born and raised in a family with poultry farming as their primary occupation, it was my childhood dream to become a poultry veterinarian and serve the needs of our farming community.

Today, I am fortunate to be living my dream working as a poultry pathologist catering to the needs of one of the world's largest and most dense poultry populated areas, Namakkal, where more than 40 million birds are reared in an area of about 50 X 50km².

I graduated with a Bachelors degree in Veterinary science from the Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), a premier veterinary institution known for its reputation in poultry research in India. After completing my BVSc, I secured my post graduation at Indian Veterinary Research Institute's (IVRI)- ICAR-National Institute of High Security Animal Diseases (OIE referral laboratory for HPAI), where I did my MVSc research on 'Sequential Pathology of HPAI in Poultry at Different Infective Doses'.

The findings from my study revealed that the infective dose of HPAI- H5N1 plays a vital role in the clinical disease outcome.

Additionally, I also got the opportunity to handle field cases of HPAI-H5N1. This unique research/clinical experience benefited me with the competency in handling HPAI related outbreaks (diagnosis and policy) at the South Asian field situation level.

Subsequently, I succeeded in obtaining my PhD at Avian Diseases Section of IVRI, which is the referral laboratory for poultry diseases in India. My research played a vital role in identifying multiple etiological factors that are involved in the exacerbation of LPAI-H9N2/other respiratory-immunosuppressive disease complex, which is an important healthcare issue in the Indian poultry industry.

My years of hard work finally paid off when I secured a faculty position at the Poultry Disease Diagnosis and Surveillance Laboratory (PDDSL), TANUVAS. Through PDDSL, I am now able to serve the needs of 40 million populations of layers, broiler and breeders.

Presently, I am also engaged in:

- Offering consultancy services with more emphasis on organic principles to enhance the poultry production, welfare and food safety/security.

- Providing advanced diagnostic services to poultry farmers of India.
- Teaching Avian Pathology course for BVSc (equivalent to DVM) students, training graduate students and field veterinarians in molecular diagnosis of poultry diseases.
- Offering advanced extension training to rural men and women to enhance their livelihoods through sustainable poultry production.
- Undertaking research on epidemiology of respiratory-immunosuppressive diseases of poultry.
- Initiating international collaboration with renowned poultry research groups in the EU and USA. Despite being a young poultry veterinarian and researcher I have succeeded in obtaining a collaborative research scheme funded by BBSRC UK with the University of Liverpool on IB control in India.

Further, my research accomplishments include first time reporting of emergence of avian nephritis in India, variant IBV (4/91), emergence of FAV and reemergence of CEO vaccine related ILTV in India. I am really passionate about serving the poultry farmers, students and clients in our community and it is a great honour to receive this prestigious award from the World Veterinary Poultry Association. This will definitely motivate me to strive hard to improve my skills and perform better in the future.

**Dr Gowthaman Vasudevan,
WVPA Young Poultry Veterinarian
of the Year Award winner**



Elimelech Dan Heller



Elimelech Dan Heller
Born: 1936
Israel

E. Dan Heller graduated from the State University of Utrecht, The Netherlands.

In 1963 he returned to Israel and since 1964 has worked in the Department of Animal Sciences, Faculty of Agriculture, The Hebrew University of Jerusalem, focusing on the teaching and research of poultry diseases and the immune response of poultry to disease agents. He has lectured on poultry diseases for the last 52 years and also teaches immunology in order to explain and highlight the response of avian and mammalian species to disease agents.

Education plays a significant role in Dan Heller's life, from teaching undergraduates to leading experimental activity in the graduate school and supervising and instructing MSc and PhD students.

In addition, Dan Heller is dedicated to research in poultry pathology and immunopathology. He began studying the development of disease by *Escherichia coli*, transmissible resistance to antibiotics, the immune response to the bacteria, and the possibility of genetic selection of chickens for early antibody response to this bacteria. During his post-doctorate stay at the

Houghton Poultry Research Station he was exposed to Marek's disease and the immunosuppressive effect of the virus, immune suppression by infectious bursal disease virus and chicken anaemia virus. Dan Heller led the research and the production of the Israeli vaccine against chicken anaemia by the vaccine production company Biovac.

During recent years Avian REO virus has caused heavy damage to the local broiler industry. A research team with the help of Dan Heller made a tremendous effort sequencing the Sigma C gene and protein of the virus and found that the phylogenetic tree contains four groups, suggesting that a new vaccine containing a representative from each group may reduce or eliminate the disease symptoms.

E. Dan Heller is an educator and a researcher who has cooperated with several research groups in the world and gained international acknowledgement.

Karel Kovarik



Karel Kovarik
Born: 1942
Czech Republic

Karel Kovarik was born on March 27, 1942 in Czechoslovakia. In 1967 he graduated from the Veterinary Faculty in the University of Veterinary Medicine in Brno. From 1968 to 1976 he developed poultry biological products at Bioveta, Ivanovice-na-Hane, CZ. One of his research areas was *Mycoplasma* antigens. In 1976 he joined the Veterinary Faculty in Brno, where he studied metabolic disorders. In 1978 he became Head of the Bacteriology Department of the Brno State Veterinary Institute.

He promoted, in particular, studies on salmonella, mycoplasma and pasteurella infections and research into decontamination of granulated poultry feed by organic acids. He became Director of this Institute in 1991, and held this position until 2002. Dr Kovarik also served as an FAO expert from 1983 to 1986 at the Serum and Vaccine Institute, Mogadisho, Somalia; and as microbiologist expert in 2002 for a field military hospital in Afghanistan. From 2003 to 2014 he was Editor in Chief of the Journal of Veterinary Medicine and Veterinary Clinic, where he supported articles oriented to poultry. In 2015 he was nominated Head of the Institute of Veterinary Medicine History, at the Brno Veterinary and Pharmaceutical University.

He is a member of the Czech Academy of Agricultural Sciences, a section of the Microbiological Society. He has published 62 scientific articles in professional veterinary journals and participated in many international conferences. In 1993 he was elected President of the Czech Association of Veterinary Medicine and since 1996 to now (2017) he has served as the Corresponding Secretary of the Czech Branch of WVPA. He initiated the annual scientific meetings of the Czech Branch of the WVPA and WPSA in the early 1990s. Since then, and up to the present years, these meetings became significant for a wide range of professionals in the poultry industry, including scientists, veterinarians and pharmaceutical companies worldwide. Dr Kovarik succeeded to attract renowned scientists from all fields of the poultry industry to these meetings. His contribution to the Czech poultry industry is known and highly appreciated. Dr Kovarik is also a very friendly person.

tees to the WVPA Hall of Honour

Irit Davidson

Dr Irit Davidson is a leading senior researcher (A+ equivalent to Full Professor) and has studied avian viruses for 37 years at the Division of Avian Diseases, Kimron Veterinary Institute, Bet Dagan, Israel. Her studies have made a major contribution to poultry veterinary science in improving the understanding and control of poultry viral infections and the development of new diagnostic assays that were introduced immediately. Irit Davidson has studied avian oncogenic and immunosuppressive viruses, including leukosis (ALV), reticuloendotheliosis (REV), Marek's (MDV), chicken anaemia (CAV), fowlpox (FPV), laryngotracheitis (ILTV), turkey flavivirus TMEV and avian influenza H9N2, in separate, or in multiple-infections, focusing on understanding virus biology in single and multiple infections. To facilitate identification of natural multiple virus-infections she developed molecular assays for simultaneous multiple virus detection and for differentiation of wild-type viruses from vaccine strains (DIVA).

Two main topics that were woven into her studies on these viruses were:

- 1) Establishment of the feathers as a major organ for detection and study of chicken viruses, including the latest findings on feather use to evaluate the application efficacy of live vaccines.
- 2) Molecular recombination between herpes and retroviruses events in commercial birds, showing the formation of chimeric molecules. That finding reflected on general virology, as herpes and retroviruses co-exist in many animals, including humans. Further, molecular integration of REV fragments into fowlpox, revealed that most FPV isolates contain REV fragments.

These studies were published in 154 publications and reported in local and international scientific meetings, including several invitations for keynote lectures; the last one was in Beijing 2016 at the WPC. Her contribution to science also includes active participation in international scientific panels for competitive grants (European Union and BARD), Editorial Boards for Scientific Journal (Virus Genes, Tumor Viruses, World Journal of Virology, Peer J, Israel Journal of Veterinary Medicine, serving as Head of the Institute Scientific Committee and academic supervision of MSc and PhD students. Dr Irit Davidson's studies were funded by 20 international and 15 Israeli national competitive grants. For these studies Irit won two International Awards, the AAAP P. P. Levine, and the WPSA Research Award.



Irit Davidson
Born: 1953
Israel

Bedrich Klimeš

Professor Dr med. vet. Bedrich Klimeš was Professor of Internal Veterinary Medicine and founder of the Chair for Avian Diseases in the Veterinary College of Brno in the former Czechoslovakia (CSSR). He was a prominent member of the WVPA and also founded the Czechoslovakian branch of the WPSA and was its chairman for many years. He was a WVPA Bureau member from 1967 to 1973, but his major contribution and enduring legacy was in founding the journal Avian Pathology. At the 1969 WVPA Congress he gained approval for his proposal that a working group be set up to examine the possibility of establishing a WVPA-sponsored journal. The report from this group was approved by the WVPA Bureau in 1971 and Professor Klimeš was appointed its first Editor-in-Chief. It went to press in late 1972 as 'the official journal of the WVPA'. If it had not been for the drive and belief in the project by Professor Klimeš it would have been unlikely to have come to fruition. However, by 1973, ill health had afflicted him, forcing him to resign and hand over the editorship to Professor Peter Biggs.

Professor Klimeš had many other achievements in poultry science before his untimely death in 1983. He was responsible for guiding and developing the Brno veterinary college from 1963 to 1969 as its Dean and, early in his career, having become intrigued by problems of disease control in intensively farmed poultry, he helped to found a new genetic concept of poultry breeding in the CSSR, especially with regard to selection of coccidiosis-resistant poultry. He published his first textbook on avian diseases in 1961 with a second edition in 1970. In addition, he published a large number of scientific papers, was a member of many scientific and editorial boards as well as veterinary committees in the Ministry of Education and research institutes.

Professor Klimeš was a most likeable, kind and helpful person and one of great intelligence.



Bedrich Klimeš
1926-1983
Czech Republic

Vilmos Palya



Vilmos Palya
Born: 1943
Hungary

Vilmos Palya gained his veterinary qualification at the Hungarian University of Veterinary Science in 1966. In 1968 he joined the Veterinary Institute at Békéscsaba where he had been working first as a pathologist and then established the diagnostic virological laboratory, which he headed for almost 15 years. Through the knowledge gained by investigating diseases under field conditions, he always connected the field with science. In collaboration with research institutes and universities he has been involved in applied research, like pioneer works on poultry vibrio hepatitis, duck plague, inclusion hepatitis and infectious bursal disease.

In 1988 Vilmos moved to Phylaxia Veterinary Biologicals, where he was involved in improving conventional vaccines (ND, IB) as well as developing a new generation of vaccines (e.g., immuno-complex IBD, recombinant HVT-ND, HVT-AI, HVT-IBD). During these years his interest in disease diagnosis continued, with the first description of some viral newly emerging diseases in waterfowl (e.g., reovirus and adenovirus infection of goose, parvovirus infection of mulard ducks, flavivirus and circovirus infection). He wrote the section on Parvovirus Infections of Waterfowl in the 13th edition of Diseases of Poultry.

During the 1990s he was also working for several years as UN/FAO vaccine expert in African, Middle East and Asian countries to train local veterinarians and laboratory staff in vaccine manufacturing and control, as well as to support disease control/eradication programmes.

Vilmos has published over 90 peer-reviewed articles. Acknowledging his contribution to the training of poultry veterinarians he was recognised as Honorary Professor by the Faculty of Veterinary Science of St Steve University, Hungary in 2007. He also received the award of 'Ferenc Hutyra' plaque by the Hungarian Society of Veterinarians. He is an active member of the Hungarian Society of Veterinarians, Hungarian Society of Microbiology, World Veterinary Poultry Association, American Association of Avian Pathologists and International Association of Biological Standardization.

Outside his professional work, he enjoys gardening, discovering nature and travelling. He is married to Eva-Maria and is the proud father of one son Illes and one daughter Aniko, and three grandchildren.

Oscar Fletcher



Oscar Fletcher
Born: 1938
USA

Oscar Fletcher was born in Bennettsville, SC in 1938. He grew up on a dairy farm in McColl, SC and completed public school education there. He attended Wofford College (1956-59) where he received a BS degree in 1960. He attended Clemson University (1959-60) to get credit for required pre-veterinary courses; was a student in the College of Veterinary Medicine at the University of Georgia (1960-65) earning the DVM degree in 1964 and an MS degree in veterinary pathology in 1965. Further graduate work was done at the University of Wisconsin, Madison (1965-68) where a PhD degree was received (1968). Dr Fletcher is a Diplomate of the American College of Veterinary Pathologists and a Founder Diplomate of the American College of Poultry Veterinarians.

Dr Fletcher joined the faculty of the College of Veterinary Medicine at the University of Georgia in 1968 as an assistant professor of veterinary pathology. He was promoted to associate professor in 1972, joined the Department of Avian Medicine in 1973, served as the acting associate dean for academic affairs (1972-73), associate dean for academic affairs (1976-1882), and was promoted to professor in 1978. He was named Head of the Department of Avian Medicine and Director of the Poultry Diagnostic & Research Center in 1982. In 1989, Dr Fletcher became Dean of the College of Veterinary Medicine at Iowa State University; then served as Dean of the College of Veterinary

Medicine at North Carolina State University from 1992- 2004. Since 2004, Dr Fletcher has been a professor in the Department of Population Health & Pathobiology at NC State. Dr Fletcher was the major advisor for 10 PhD students; served on advisory committees for 24 MAM students at Georgia, and has been involved in the education of 20 Poultry Health Residents at NC State. Dr Fletcher provided histopathology support for a number of research projects that included responses of the respiratory system to Mycoplasma infection, Marek's disease including pathogenesis of central nervous system lesions in transient paralysis, inclusion body hepatitis, responses of tracheal tissue to infectious bronchitis virus, and experimentally induced inflammation in air sacs. He is author or co-author of 147 journal articles, a number of book chapters, editor of the 3rd edition of Avian Histopathology, and associate editor of the 4th edition. Dr Fletcher served as president of AAAP (1994-95), editorial board of Avian Diseases, member of the Scientific Program Committee, Poultry Section, AVMA (1989-1995), president of the American College of Poultry Veterinarians (1993-94), and served on the Council on Research, AVMA (1991-97 – serving as Chair in 1996). Oscar and Sybil have been married for 54 years. They have two sons, John, a CPA living in Houston TX, and Gregg, account executive for OutFront Media, daughter in law Collen, and grandson Heath living in Budd Lake, NJ. Photography is Oscar's hobby.

Galestan Yan Ghazikhanian

Dr Galestan Yan Ghazikhanian (Yan) was employed at Nicholas Turkey Breeding Farms (NTBF) for 33 years (1974-2007). He served NTBF in the capacity of staff veterinarian and later as Vice President and Director of Veterinary Medicine. Yan was officially retired from NTBF on May 31, 2007. For the time being, Yan is a retained consultant with Aviagen Turkeys (AT), formerly known as NTBF, as a member of the AT technical team.

Yan received his DVM from the University of Tehran, Iran, at the top of his class. He journeyed to the USA to continue his higher education under a scholarship awards foundation. He received his MS and PhD in Comparative Pathology from the University of California, David (UCD). Yan is a Charter member and Diplomate of the American College of Poultry Veterinarians (ACPV).

In 1972-74, as a director of a mobile laboratory, he worked at the USDA / APHIS / VS, participating in the eradication of Velogenic Viscerotropic Newcastle disease (VVND) from the Southern California poultry industry.

During his professional career with NTBF, Yan researched and coordinated the eradication of *M. meleagridis*, *M. synoviae*, *M. iowae*, *S. arizonae* and *S. reading* from NTBF basic primary breeding stocks, which impacted on turkey health and performance.

Yan has travelled widely in the USA, Europe and South America; visiting turkey companies, attending to customers technical needs in turkey health management and attending trade and scientific associations and delivering technical presentations.

Yan has authored and co-authored many technical articles published in scientific journals and trade periodicals. He co-authored the *Mycoplasma meleagridis* chapter in *Diseases of Poultry: Editions 9, 10 and 11*.



Galestan Yan Ghazikhanian
Born: 1937
USA

David Swayne

David was born in Yellville, Arkansas, USA. He attended the University of Arkansas-Fayetteville and University of Missouri-Columbia where he received a BSc in Agriculture (1980) and DVM (1984), respectively. He dual enrolled in Graduate School during his freshman year, earning an MSc in Veterinary Pathology by the end of summer 1984, studying avian pathology under Dr Arthur Bickford and the late Dr Darrell Trampel. He furthered his graduate studies in Veterinary Pathology at the University of Georgia on Marek's disease under Dr Oscar Fletcher, finishing the PhD in 1987. David is dual boarded by the American College of Veterinary Pathologists and the American College of Poultry Veterinarians (ACPV). From 1987-1994, he was an Assistant and Associate Professor on the faculty of The Ohio State University, Departments of Veterinary Pathobiology and Poultry Science, where he served as an Avian Pathologist. During his first year as a professor, Dr Swayne began conducting collaborative research with Dr Richard Slemmons on avian influenza in wild waterfowl, which has become his passion and a lifetime career. David joined the Southeast Poultry Research Laboratory in Athens, Georgia where he has served as the Laboratory Director since 1994. SEPRL is the in-house USDA high biocontainment laboratory for research on poultry viral diseases, including avian influenza, and is an international reference laboratory for avian influenza and Collaborating Center for Research on Emerging Avian Diseases. Dr Swayne's personal research has focused on the pathobiology and control of avian influenza in poultry, especially vaccines and vaccination. He has served on World Organization for Animal Health (OIE) international committees to update the avian influenza chapters in Terrestrial Animal Health Code and Manual, and served a sabbatical to OIE, Paris France, for 16 months to study highly pathogenic avian influenza control programs. He currently serves as Chair of the Executive Committee for OFFLU, the joint OIE and Food and Agriculture Organization of the United Nations Animal Influenza Network. He has participated in missions or conferences on avian influenza control and biosafety/biosecurity in 44 countries during the past 15 years. He has published over 285 peer-reviewed papers and 111 book or proceedings chapters, and has given 284 invited lectures on poultry health issues. He has served as the editor of the textbook, *Avian Influenza* (Wiley, 2008); Associate Editor (11th edition, 2003; 12th edition, 2008) and Editor-in-Chief (13th edition, 2013; 14th edition, 2018) of *Diseases of Poultry* (Wiley); and Editor of *Animal Influenza* (Wiley, 2016). He is on the editorial board of *Avian Diseases*, advisory board of *Avian Pathology*, and is an associate Editor for *Influenza and Other Respiratory Viruses*. He has served as President of the ACPV (1999-2000) and on the Board of Directors for American Association of Avian Pathologists (AAAP) (1998-2000). He has received numerous research awards including AAAP Pharmacia and Upjohn Animal Health Achievement Award, and Phibro Animal Health Award.

David has been married to Anita for 35 years and they have three children, Rachel, Tyler and Kyle.



David Swayne
Born: 1958
USA

Mohammad Rafiqul Islam



Mohammad Rafiqul Islam
Born: 1958
Bangladesh

Born in 1958 in Dhaka, Bangladesh, Mohammad Rafiqul Islam graduated with a DVM from Bangladesh Agricultural University, Mymensingh in 1981 and obtained an MSc (Vet Sc) in Parasitology in 1981. He obtained his PhD from the University of Liverpool, UK in 1988 after producing a dissertation on early pathogenesis of avian reovirus infection. From 1999 to 2000 he was a Humboldt Fellow at the University of Leipzig, Germany and conducted research on molecular characterisation and reverse genetics of infectious bursal disease virus and chicken infectious anaemia virus. The other areas of his major research interest are avian influenza virus and Newcastle disease virus.

Currently Dr Rafiqul Islam is a Professor of Veterinary Pathology at Bangladesh Agricultural University and also holds the position of the Director of Interdisciplinary Centre for Food Security of the same University. Previously, he also worked as the Regional Animal Influenza Laboratory Coordinator of Food and Agriculture Organization of the United Nations at its regional office in Bangkok, Thailand during 2008-2009.

Prof. Rafiqul Islam was the pioneer of avian pathology education and research in Bangladesh. He has supervised or co-supervised 15 PhD students (including the current students) and many MS students. He has published about 80 research articles. He received Bangladesh Academy of Science Gold Medal in 1994 for his outstanding research. He also received Asian Avian Pathology Lecture Award 2014 and was also invited as keynote speaker in WVPA congress in 2015.

Prof. Rafiqul Islam was the founder President of WVPA, Bangladesh Branch. He served as the Senior Vice President of WPSA, Bangladesh Branch. He was the founder Treasurer and subsequently served as the Secretary and President of Bangladesh Society for Veterinary Education and Research. He is a member of the Bangladesh Veterinary Council and chairs its Education Committee. He is a member of the Editorial Advisory Board of Avian Pathology.

Stephanus Bernardus Buys



Stephanus Bernardus Buys
Born: 1942
South Africa

Stephanus Bernardus Buys obtained his BVSc degree in February 1968 at Onderstepoort Veterinary College and his MMed Vet (Bact) degree in 1983. His thesis was on the production of a *Haemophilus paragallinarum* vaccine suitable for South African conditions. He was a member and later chairman of the technical committee of the South African Poultry Association. He was one of the founder members of the Poultry Group of the SA Veterinary Association. He joined the Poultry Section at the Onderstepoort Veterinary Institute (OVI) in 1968 and later became head of the section. He joined the poultry industry as production veterinarian in 1982 and retired in 2000 as technical director of Early Bird Farms. He joined Avimmune poultry practice as technical advisor and at 75 is still part of this practice on a part-time basis.

Stephanus isolated *Haemophilus paragallinarum* for the first time in South Africa in 1969 and in 1975 developed a commercial *H. paragallinarum* oil vaccine that is still in use.

He was first to isolate the meta-pneumovirus causing Turkey Rhinotracheitis in 1978. At present several serotypes have been isolated in many countries. His findings were published in Turkey 1980, presented as a paper at WVPA Congress in 1989 and in the Onderstepoort Journal of Veterinary Research 1989. In 1988, while practicing as a production veterinarian with a broiler producer, he isolated a virus from broilers with swollen heads (Avian Rhinotracheitis) that also turned out to be a meta-pneumovirus. J. South Africa Veterinary Association 1989.

He presented a paper at the 2001 Western Poultry Disease Conference on the transmission of Newcastle disease virus on the shells of embryonated eggs to the offspring.

He has published 15 scientific papers and numerous lay press publications and was honoured as Poultry Man of the Year in 1992 for his contribution to the growth of the poultry industry in South Africa. In the same year, he received a shield from the poultry group of the SAVA for work in poultry veterinary science.

At The WVPA congress in Marrakech, Morocco in 2009 he was cited as one of 24 researchers who described a new poultry disease in the past 50 years. He received Honorary Life Membership of the South African Poultry Association in April 2011.

Keith Gooderham

Keith qualified as a veterinary surgeon from Liverpool University in 1962 and worked with Frank Jordan on avian mycoplasmas. He then spent 15 years with the Nickerson Group of Companies at Cherry Valley Farms working with ducks and pigs, and became one of the foremost experts on duck breeding. His expertise in duck health and welfare is unique and he has advised government and other groups, in particular on welfare standards for waterfowl. Keith wrote several chapters on Diseases of Ducks for the 4th and 5th editions of Poultry Diseases.

Keith used his teaching skills to train Meat Inspectors and in 1981 he helped Maple Leaf Farms develop their European duck business. In 1984 he founded his own practice, which was one of the key facilities at that time providing testing for salmonella in collaboration with colleagues in academia and government laboratories.

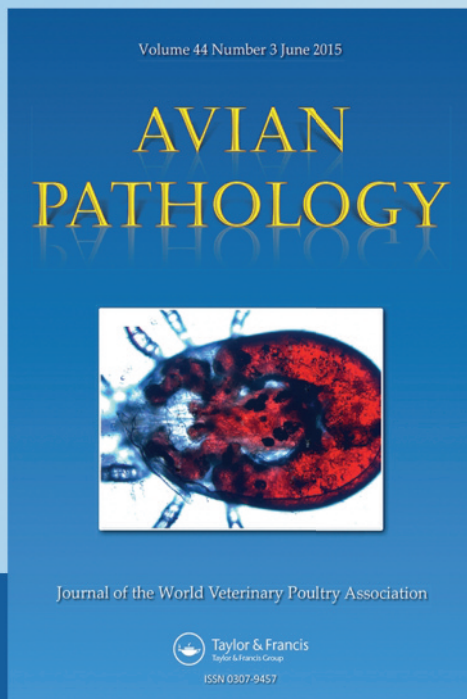
In 1987 Keith was awarded the Royal College of Veterinary Surgeons Diploma in Poultry Medicine and Production. He is a past President and Honorary member of the British Veterinary Poultry Association and a member of the Poultry Veterinary Study Group. Keith sponsors the annual Waterfowl Lecture at BVPA and gave the inaugural lecture in 2007.

Keith has used his incisive diagnostic ability, clarity of thought, and problem solving skills for the benefit of poultry keepers within the UK and across the world. He ensured that every student and poultry keeper gained knowledge and understanding to enable them to improve bird health and welfare. He has always set the highest standards of veterinary care throughout his career. He still offers advice and guidance to colleagues, bringing together his inimitable mix of intelligence, humour, troubleshooting skills and a large dose of common sense to any poultry related problem.

Keith is richly admired by all who know him.



Keith Gooderham
Born: 1937
UK



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- Emerging & Reemerging Diseases
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- Gut Health & Enteric Disorders
- Immunosuppression
- Nutritional and Metabolic Diseases
- Public Health
- Sustainable Poultry Production

ABSTRACT SUBMISSION DEADLINE 1ST APRIL 2018

ABSTRACT NOTIFICATION 1ST MAY 2018

EARLY BIRD REGISTRATION DEADLINE 31ST MAY 2018

Please submit your abstract to jojo@positiveaction.co.uk

EARLY BIRD REGISTRATION (BEFORE 31ST MAY 2018)

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USD 200	WVPA MEMBER	MYR 860
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INTERNATIONAL	CATEGORIES	MALAYSIAN
USD 230	WVPA MEMBER	MYR 990
USD 280	NON-MEMBER	MYR 1205

For further details/special group rate please contact:

Dr Cheng Joo Chin
Email: wypamy2018@gmail.com
Website: <http://wvpaasia2018.com>

Obituary

Prof. János Mészáros

Born on 20th May 1927 in Nádudvar, Hungary, János Mészáros gained his veterinary qualification at the Faculty of Veterinary Science of the Hungarian University of Agricultural Sciences in 1951. He then became Assistant Lecturer, Senior Lecturer and Associate Professor involved in teaching and research at the Department of Epizootiology of the Veterinary College.

In 1959 he was a founding member of the Hungarian Veterinary Poultry Association (HVPA) and then served as its President for 50 years.

He was present at the meeting in Utrecht when the World Veterinary Poultry Association (WVPA) was founded under the leadership of Professor de Blicke. The Hungarian Branch has participated in the work and attended the international congresses of the WVPA ever since.

Since 1993, the annual symposia of the HVPA have been organised as two-day conferences named 'Derzsy Days', attracting as many as 250–270 participants with lectures given by the world's most distinguished poultry scientists.

In 1997, Budapest hosted the XIth International Congress of the WVPA, attended by 1100 participants. At that event, the WVPA elected János Mészáros its Honorary Life President.

At the 1997 Congress, the 'József Marek Memorial Medal' established by the University of Veterinary Science (UVS, Budapest) and previously awarded to Peter Biggs (the inventor of the name 'Marek's disease'), was conferred on Bruce Calnek, Jim Payne and Dick Witter. At the 2007 Derzsy Days, Mark S. Parcells received the memorial medal.

János acted as department head (1963-1976) and Full Professor (from 1966) at the Department of Epizootiology of the UVS and as Vice Rector for Research (1967-1975). From 1976 to 1990, he served as director of the Veterinary Medical Research Institute of the Hungarian Academy of Sciences (HAS) in Budapest, and then worked as research professor until his retirement in 2004.

He was elected Corresponding Member (1976) and then Full Member (1982) of the HAS. He was Secretary (1962-1970), President (1970-1999) and Honorary President (since 1999) of the Academy's Committee of Veterinary Sciences.

He received the Excellent Innovator and Inventor gold medal and a shared State Prize (1983). He was elected honorary citizen of his native town, Nádudvar (2000) and Honorary Doctor of Szent István University (2003).

He has written 210 scientific papers and 62 educational articles in Hungarian and in several foreign languages. This meaningful career was ended with his death on 29th January, 2018. Our professional duty is to keep the memory of his outstanding personality in Hungary and internationally.

**In the name of veterinarians of the poultry world, the Hungarian Branch:
Dr János Paljak, Dr László Körösi, Dr Miklós Gyuranecz and Dr Tibor Magyar**



Prof. János Mészáros
1927-2018

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“Already contains over 1,000 articles and still growing”

“Equally useful for students, practitioners and industry personnel”

“A great resource!”

A

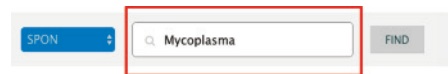
WVPA's Digital Library was created with generous support from Ceva as a service to its members. It makes technical articles in the field of poultry health available to poultry veterinarians, students and anyone involved in the management of avian health as a prerequisite to the production of safe, healthy and nutritious poultry products for human consumption.

To access the WVPA Digital Library, visit <http://www.wvpa.net> and click on the Library button located at the top left of the page (see fig A).

The library operates a keyword search which can be combined with a specific source to give more focused results. The two methods for searching are illustrated in columns B and C and are explained below.

B

A simple keyword search is performed by typing the required word in the search box and clicking on the Find button



In this instance we are searching for articles with the keyword Mycoplasma. The results for the search will appear below the search bar, as can be seen in column B.

C

To narrow your search you can use the drop menu to select a specific source.

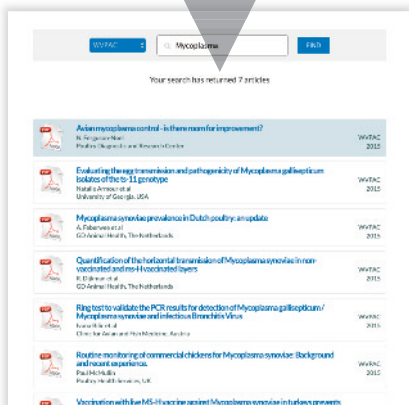
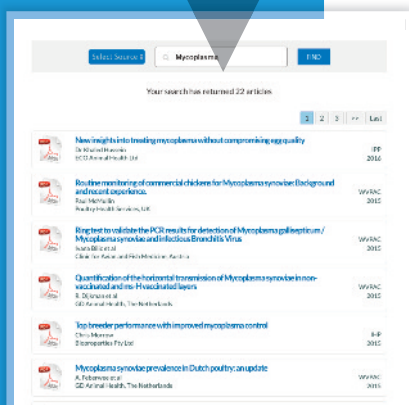
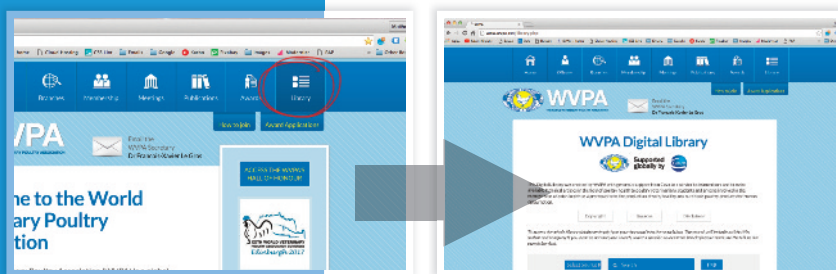


Using the keyword Mycoplasma again, but this time selecting a single source, WVPA's Global Congress (WVPAC), we narrow the criteria and receive fewer results (7 compared to the keyword only search of 22).

The results are listed in their own individual boxes that contain the title of the article, the author and the company they are associated with. On the right the source and year of publication is shown.

To download a PDF of the article simply click on one of the boxed results and the download will begin.

The library page contains our copyright message, a list of sources for the articles in the library and our standard disclaimer text. Any of these can be viewed by clicking on the corresponding button as shown below.



Diary of meetings 2018

April 2018

15-18 – 67th Western Poultry Disease Conference

Salt Lake City, Utah, USA

Website: www.conferences.ucdavis.edu

May 2018

10-11 – Annual Convention of WVPA Italian Branch

Villa Corte Peron, Str. Roverbella Bancole, 60, Marmirolo (MN), Italy

Website: www.patologiaviare.org

12 – Symposium on Avian Influenza

Dhaka, Bangladesh

June 2018

7-8 – Derzsy Day 2018

Hungary

Email: secretary@moaebt.hu

19 – Broiler Health 2018

Utrecht, The Netherlands

Website: www.positiveaction.co.uk

20-22 – VIV Europe 2018

Utrecht, The Netherlands

Website: www.viveurope.nl

July 2018

11-12 – 2nd International Conference on Necrotic Enteritis in Poultry

Denver, Colorado, USA

Website: www.avma.org

13-17 – American Veterinary Medical Association & American Association of Avian Pathologists

Denver, Colorado, USA

Website: www.avma.org

www.aap.info

29-2nd Aug – 12th Symposium on Marek's Disease & Avian Herpesviruses

Yangzhou, China

Website: www.mdv2018conference.net

September 2018

17-21 – European Poultry Conference

Dubrovnik, Croatia

Website: www.epc2018.com

October 2018

1-2 – 4th World Veterinary Poultry Association Asia Meeting

Kuala Lumpur, Malaysia

Website: www.wvpaasia2018.com

The 61st AAAP Annual meeting, Colorado, USA

The 61st American Association of Avian Pathologists (AAAP) Annual meeting will be held on July 13-17, 2018 in Denver, Colorado with the American Veterinary Medical Association (AVMA) Annual Meeting.

Please note that this year the meeting will start on a Friday and conclude on Tuesday to coincide with the AVMA program.

The 2nd International Conference on Necrotic Enteritis will be held before the AAAP meeting on July 11-12, 2018.

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