

No 31 July 2015

# Aerosols

Newsletter of the World  
Veterinary Poultry Association



Editor – Charles Hofacre

## Contents

From your officers .....	1
WVPA Awards.....	2-3
Branch reports: Austria Belgium .....	4
Branch reports: Hungary, Israel .....	5
Branch reports: Italy .....	6
Branch reports: Korea, Pakistan .....	7
Branch reports: USA.....	8
Branch reports: Nigeria, Iraq.....	9
WVPAC2015.....	10-11
Poultry Health Course Online.....	13
Obituaries .....	14-15
Diary of meetings .....	17
National contacts .....	19

## From your officers

September sees our biannual congress in Cape Town, South Africa – the first time it has been held in sub-Saharan Africa – and we look forward to seeing you there! Our two vice presidents, Hafez and Nigel, recently spent time with this event’s local organising committee and everything they saw and heard about WVPAC2015 was positive – good venue, strong sponsorship, interesting scientific programme, good social programme and a warm welcome from your South African hosts!

On the awards front we are pleased to advise you that MSD Animal Health have renewed their generous support of the Bart Rispens Award for a further five awards and Merial are supporting a new award for innovation in vaccination. More information on pages 2-3.

At Cape Town we look forward to welcoming two new branches – Iraq and Nigeria – into our fold. We look forward to these two new branches playing an important role in the evolution of their country’s developing poultry industries.

WVPA is your organisation so if you want to find out more about it or have any ideas on its evolution please feel free to speak to one of us at the Cape Town Congress.

We look forward to seeing you in Cape Town.

Yours sincerely

**Prof Hafez M Hafez** – Vice President  
**Nigel Horrox** – Vice President  
**Francois Xavier Le Gros** – Secretary Treasurer  
**Officers of WVPA**

**Visit: [www.wvpa.net](http://www.wvpa.net)**

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

# WVPA awards – have

## The Bart Rispens Research Award



The Bart Rispens Research Award is financially supported by MSD Animal Health.

This Award was established in 1973 in memory of the Dutch poultry veterinarian Dr Bart Rispens, due to the initiative of his former colleague Dr Henk Maas. The main goal of the fund was to honour the great contribution of Dr Rispens to the control of Marek's disease.

Marek's vaccine CVI988, which was developed as part of the research of Dr Rispens, is successfully used to prevent Marek's disease in poultry all over the world. The vaccine had been made available to the vaccine industry free of charge only because of the attitude of Dr Rispens towards

commercialisation of research subsidised by the government.

The Award will be given biennially to the first author of the best paper published in the WVPA's journal, *Avian Pathology*, during the two calendar years preceding the Award presentation at the WVPA Congress.

The recipient of the Award is elected by the Dr Bart Rispens Research Award Committee, which includes representatives of the Board of the WVPA, a representative of *Avian Pathology*, a representative of the corporate sponsor and four other appointed scientists.

The winner will be presented with a medallion, a certificate and a monetary award.

Details of previous winners can be found at [www.wvpa.net](http://www.wvpa.net)

# TRANSMUNE<sup>®</sup> IBD



**Transmune<sup>®</sup> stops reinfection and protects against all IBD virus strains**

Ceva Santé Animale S.A.  
10, av. de la Ballastière - 33500 LIBOURNE - France  
[www.ceva.com](http://www.ceva.com) / [www.transmune.com](http://www.transmune.com)



# Have you ever thought of applying?

## Avian Pathology Lecture Award

The Avian Pathology Lecture Award, sponsored by The Houghton Trust, is presented at each WVPA congress. The award is made to a young scientist who has made major contributions to the field of poultry disease research to enable them to give a keynote lecture, The Avian Pathology Lecture, at the WVPA's global congress.

The award comprises payment of the costs to attend the congress at which the lecture is given, together with the presentation of an engraved award.

Nominations for the Avian Pathology Lecturer can be made in two ways – either by the Corresponding Secretary of a National Branch of the WVPA or by an individual member of the WVPA.

The maximum age of candidates is 45 at the time of the relevant congress.

Unsuccessful candidates may be re-nominated on a subsequent occasion, provided they still meet the necessary requirements.

The selection process is currently under review and so the process to nominate the lecturer for the XXth World Veterinary Poultry Association Congress, to be held in Edinburgh in 2017, will be delayed until after the Cape Town Congress in 2015.

However, in general terms, Officers of the WVPA, after due consultation, will make a short-list of six candidates, which will then be forwarded to the Grants Subcommittee of the Houghton Trust, who will choose the Avian Pathology Lecturer.

Details of previous winners can be found at [www.wvpa.net](http://www.wvpa.net)

## The Young Poultry Veterinarian Award

This Award is supported by Zoetis and is currently called The WVPA-Zoetis Young Poultry Veterinarian Award.

This Award was launched in 2012 and is presented annually to a young poultry

veterinarian (under 35) who is seen to be a credit to the profession, who is an ambassador and a communicator and who would be seen as a worthy winner by all sections of the poultry industry. The Award is judged by a panel of five members of the WVPA and is led by an officer of WVPA. This panel shall have a broad base and be balanced in its composition.

The recipient of the Award receives \$US5,000 which is to be used to attend scientific meetings in order to further develop their professional knowledge.

The WVPA Young Veterinarian of the Year Award is presented at the WVPA's biannual congress and at a suitable alternative meeting in the intervening years – this is currently the WVPA Asia Meeting. Details on how to apply are notified to all national branches of WVPA, announced in the media and also placed on the WVPA website.

Details of previous winners can be found at [www.wvpa.net](http://www.wvpa.net)

## The Innovation in Vaccination Award

This award is currently supported by Merial and is known as The WVPA-Merial Innovation in Vaccination Award.

This Award was launched in 2015 and will be presented at each global WVPA Congress to a poultry veterinarian or avian health scientist for an outstanding contribution in the field of innovation in poultry vaccination.

The Award is judged by a panel of representatives from WVPA and Merial and is chaired by an officer of the WVPA.

The recipient of the Award receives €5,000 to help fund his/her ongoing professional development or training as well as a suitable memento of the occasion.

Details on how to apply are notified to all national branches of WVPA, announced in the media and placed on the WVPA website.

**The WVPA would like to thank the  
Houghton Trust, MSD Animal Health,  
Zoetis and Merial for their on-going support  
of these awards.**

Please note applications/nominations for the 2015 awards have already closed

## Austria

Similar to previous years, the first meeting of the Austrian poultry sector took place early in January during the ecosocial forum in a small village in the southeast of the country. This annual meeting is supposed to link agriculture and veterinary medicine resulting in a high number of participants from all sectors, especially farmers. Animal welfare and economic issues were the most important issues. A single talk about campylobacter concluded the meeting.

A special event was once again the meeting of the Association to promote Research in Poultry Science (VAG), which was held in April and organised as a two-day meeting outside Vienna at Lake Neusiedl.

Parasitic diseases were selected as the general topic of the event. The first presentation was given by D. Liebhart from the Poultry Clinic at the Veterinary University in Vienna who gave an overview about important parasitic diseases in poultry.

This subject was further highlighted by two practitioners, A. Hemme from Germany and P. Mitsch, who talked about parasitic diseases in layers, broilers and broiler breeders. The subject was concluded by S. Spiess from MSD Germany who outlined recent progress in licensing a new anti-parasitic product.

In the afternoon a wine tasting was extensively used to deepen individual

subjects and in the evening a dinner was held which featured local delicacies. The night ended, for various participants, at the hotel bar leading to certain side effects the next day!

The second day focused on gut health and

started off with M. Hess who gave an overview on infectious agents with relevance for gut health in turkeys. The benefit and practical application of competitive exclusion was highlighted by C. Schneitz from Orion Pharma, Finland.

The session was concluded by J. D. van Klis from Delacon Biotechnik, Austria, who

focused on intestinal health problems in meat-type poultry and the options of nutritional interventions.

In June, another meeting of the Austrian poultry veterinarians will take place adjacent to the 250th anniversary of the University of Veterinary Medicine in Vienna.

Beside early sex determination in ovo, the meeting will concentrate on viral diseases, especially infectious bronchitis and adenoviral gizzard erosion.

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

## Belgium

The Belgian branch of WVPA organised four national symposia in 2014. Each of these was attended by 40-60 veterinarians active in the poultry health sector.

On January 23rd we organised a symposium on the use of antibiotics in poultry. This was in close collaboration with AMCRA.

AMCRA is a centre of expertise, national joint initiative of government, poultry business, pharma industry and academia, aiming at collecting and spreading information on the proper use of antibiotics and taking initiatives for the reduction of usage in animal production.

A major part of the symposium was devoted to reporting and discussing previous and forthcoming initiatives of AMCRA.

In addition, Dr Katie Vermeersch from the Federal Agency for the Safety of the Food Chain reported on the present status of antibiotic resistance in bacterial isolates from farm animals at national and European level. All in all, the conclusion of this meeting was positive, as there is a spectacular negative trend in antibiotic use in farm animals in general and in poultry in particular in Belgium.

On April 23rd, another hot topic with respect to poultry health was tackled, namely how to control dermanysus in layers. On this occasion, Prof. Luc Thiry from Ghent University reported on the results of a national scientific research project aimed at the development of an integrated control strategy for dermanysus. The idea was to permanently reduce populations of these noxious organisms below an economically

Members of the Austrian Poultry Association in front of the castle in Eisenstadt, following the wine tasting.



# Branch reports

acceptable threshold using a combination of methods, including a minimum of chemical compounds. He envisaged heat treatment of the layer house after depopulation, adaptations to the housing system so as to minimise hiding places, silica, plant extracts, traps, entomophagic fungi and finally, predator mites. At this same symposium, Dr Alasdair Nisbet from Moredun Research, Scotland, reported on the development of a revolutionary new vaccine against red mites. Research on delivery systems for the vaccine is in progress.

On June 19th, a symposium was devoted entirely to alternatives to antibiotics for use in poultry. The first speaker was Dr Wim Nuboer from Mircleos, a Dutch company specialising in phage application in animal husbandry, giving an overview of the past, present and future of phage therapy.

The second speaker was Dr Leen Timbermont from Ghent University, giving an overview on the use of bacteriocins as alternatives to antibiotics. The third speaker was Dr Hilde Van Meirhaeghe from Vetworks, a poultry health service and consultancy company. She reported on the use of short chain and medium chain fatty acids as alternatives to antibiotics, with emphasis on practical experience. Finally, the undersigned gave an overview on the use of prebiotics and probiotics.

In all of these presentations, emphasis was clearly on applications for the control of intestinal health and zoonoses, especially in broilers, as these appear to be the two areas most critical to poultry production at present.

The last symposium of 2014 was devoted entirely to the present situation regarding infectious bronchitis in Europe. Dr Jane Cook, now consultant microbiologist from Huntingdon, UK, gave an interesting talk on practical aspects of how to control IB variants. Dr Mieke Steensel for the Central Veterinary Institute (CODA) in Brussels reported on the COST action (FA1207) for coordinated control of avian coronaviruses in Europe. Finally, Dr Sjaak De Wit from GD Deventer, The Netherlands, gave a very in depth talk about pathogenicity and tropism of IB strains worldwide, focusing on molecular analyses of genetic variation that underscore the diverse clinical manifestations of this viral disease.

**Richard Ducatell**  
Corresponding Secretary  
WVPA, Belgium Branch

## Hungary

The Hungarian Branch organised their annual Derzsy Days on June 4-5th in Zalakaros.

This year's scientific program had more international speakers:

- Josef Bachmeijer (Wiesenhof) – sustainable chicken production.
- Marleen Boerjan (Pas Reform) – embryonic development of the chicks.
- Klaus-Peter Behr (Anicon) – autogenous poultry vaccines.
- Look Stooker (Zoetis) – infectious bronchitis.
- Stephane Lemiere (Merial) – respiratory problems of turkeys.

Further information will be featured in the next edition of Aerosols.

**Dr László Kőrösi**  
Corresponding Secretary  
WVPA, Hungary Branch

## Israel

The 50th Annual Convention of the WPSA Israel Branch held a joint meeting with the WVPA Branch.

This year the members of WPSA met to celebrate their 50 Year Anniversary. The members of the WPSA are specialists in all fields: farmers, agronomists, scientists, nutrition specialists, veterinary specialists in poultry diseases, and members of the WVPA.

The Israel Branch of WPSA welcomed the distinguished guests Prof. Paul Siegel, Virginia Tech University, USA, Dr Lesley Larkin, UK, and Prof. Ted Apigeit, Purdue University, USA.

The program was divided into sessions on layers, turkeys, and a round table discussion about the future of broiler chickens, nutrition and heavy breeders.

One day was dedicated to poultry health. Most of the WVPA members attended this session.

The lectures included the following topics:

- Inclusion body hepatitis – isolations of the virus in the years 2012-2015. New infection laryngotracheitis vaccine (ILT) screening with the help of the feather method.
- A report of high mortality in broiler chickens as a result of infection by *Clostridium perfringens*.
- Outbreak of avian influenza subtype H5N1

Your officers would greatly appreciate any feedback on WVPA and its activities.

Please send your feedback to any of the three officers highlighted on page 19 using the emails cited there.

5

January 2015: what is known so far about the virus. A. Lubliin et al., Kimron Veterinary Institute, Beit Dagan.

The virus subtype H5N1 returned to Israel on January 16th, 2015. The previous break was in April 2012. At the time of this conference, eight foci of outbreaks had occurred in Israel and in the Palestinian Authority. The infection appeared in meat-turkey houses, heavy breeder houses and another poultry house of table egg layers. In addition, an infected wild bird was found (*Vanellus spinosus*).

Analysis of all the phylogenetic findings of the current outbreak and their comparison to world and regional viruses, and virulence indices of the viruses were presented at the conference.

#### Additional news from Israel

The family and friends of Dr Oded Pleser, the head of the Poultry Disease Laboratory in Jerusalem who was killed in 1973, organised a very well attended scientific meeting in his honour.

The scientific program included:

- A lecture about the Ebola virus, presented by Dr Ran Nir-Paz, from the department of Clinical Microbiology and Infectious Diseases, the Medical Centre HADASA in Jerusalem.
- Outbreak of Avian Influenza H5N1 in Israel in January 2015 presented by Dr Michal Pery-Markovic, epidemiologist of the State Veterinary Services.
- Trials to reduce the contamination of

growing broiler chickens by salmonella bacterias. The lecturer was Dr Orit Maman from the Northern Poultry Diseases Laboratory.

**Dr R. Rachel Bock**  
Corresponding Secretary  
WVPA, Israel Branch

## Italy

On April 16th and 17th, the Italian branch held the 54th National Conference of the Società Italiana di Patologia Aviaria (Italian Society of Avian Pathology) in Forlì.

The first day focused on the health status concerning Italian breeding farms and the major diseases diagnosed throughout 2014. Dr Gavazzi (Amadori group) explained the

main diseases of chicken meat, Prof. Camarda (Università di Bari) spoke about the health conditions concerning laying hens, Dr Da Ros (Amadori group) spoke about the main pathologies found in meat turkey, and Dr Scolari presented his report on the minor species (guinea fowl, duck, pheasant, etc).

Dr Terregino (Istituto Zooprofilattico Sperimentale delle Venezie) concluded with an update on AI and Newcastle disease. The reports showed an overall calm national health picture without showing any critical signs within the Italian poultry industry.

On April 17th, the Conference held discussions on the 'Territorial management of avian diseases' featuring five reports. The first report was presented by Dr Calistri (National Reference Center for Veterinary Epidemiology, Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise 'G. Caporale') who spoke about the epidemiological surveillance systems for infectious diseases related to poultry.

Following this, Dr Bonfanti (Istituto Zooprofilattico Sperimentale delle Venezie) presented her report on a typical example of disease management speaking about the case of avian influenza. Dr Moreno (Istituto Zooprofilattico Sperimentale della Lombardia ed Emilia Romagna) continued with another practical example of disease management at regional level speaking about avian laryngotracheitis. Dr Catania (Istituto Zooprofilattico Sperimentale delle Venezie) presented a report on the management of mycoplasma, while Dr Farioli (Lombardy Region) concluded the conference talking about the role of the public veterinary system (State Veterinary) in the management of diseases. Within the context of the two conventions and in the afternoon of April 17th, 21 scientific papers were presented by the members.

The election of the new Board of Italian Society of Avian Pathology, which will take office from 2016-2018, also took place during this conference. All members of the board were renewed and newly elected members were: Davide Giovanardi (Veronesi group), Rossella Pedicone (Unaitalia), Salvatore Catania (Istituto Zooprofilattico Sperimentale delle Venezie), Mattia Cecchinato (Università di Padova), Ferdinando Battistoni (Amadori group), Giovanni Tosi (Istituto Zooprofilattico Sperimentale della Lombardia ed Emilia Romagna), Ana Moreno (Istituto Zooprofilattico Sperimentale della Lombardia



Dr Oded Pleser.

# Branch reports

ed Emilia Romagna), and Alessandro Scolari (Vallerana Laboratory).

The President of the Italian Society of Avian Pathology (SIPA) has been confirmed for a third term as Dr Guido Grilli (Università di Milano).

**Guido Grilli**  
Corresponding Secretary  
WVPA, Italy Branch

## Korea

On April 9th of this year the Korean Association of Poultry Veterinarians (KAPV) held their Spring 2015 seminar in Daejeon, Korea. There were around 60 Korean poultry veterinarians in attendance.

Topics included chick quality checks for parent stock, ILT vaccination, how to manage fowl tick, new management for egg transmission disease, E. coli and vaccination and a discussion on biosecurity policy for HPAI.

The seminar also included a general meeting for KAPV.

**JaeSung Heo**  
Corresponding Secretary  
WVPA, Korea Branch

## Pakistan

The one day National Seminar on 'Avian Respiratory Diseases: A Serious Threat to the Poultry Industry' was organised by WVPA Pakistan in collaboration with the Department of Pathology on December 9th, 2014 in the Faculty of Veterinary Science, University of Agriculture, Faisalabad, Pakistan.

A total of 200 participants, including all the WVPA Pakistan members, avian health professionals from the public and private sector and postgraduate students of the Department of Pathology attended.

In the inaugural session Prof. Dr Ahrar Khan, Chairman, Department of Pathology, welcomed the participants and chief guest Prof. Dr Iqrar Ahmad Khan, Vice Chancellor of the University of Agriculture, Faisalabad.

He appreciated the professional activity organised by the Department of Pathology in

collaboration with WVPA and highlighted the role of the poultry industry in the national economy of Pakistan.

The Dean, Faculty of Veterinary Science, Prof. Dr Zafar Iqbal thanked the participants. Dr Muhammad Kashif Saleemi, Secretary WVPA Pakistan, moderated all the sessions.

In the first technical session two lectures were delivered. The first lecture was delivered by Dr Mustafa Kamal, member WVPA Pakistan and Chairman Pakistan Poultry Association, who has a wealth of experience on modern ventilation for environmentally controlled houses. He is also technical head of Hubbard's grandparent poultry project in Pakistan. His title was 'Poor ventilation and ammonia toxicity: a risk factor for emergence of respiratory diseases'.

The second lecture was delivered by Prof. Hafez Mohamed Hafez, Head, Institute of Poultry Diseases, Free University, Berlin (Vice President WVPA) on Skype from Jordan. His title was 'Respiratory diseases of poultry: diagnosis and control.'

After the first technical session, the annual branch meeting of WVPA Pakistan was chaired by the President of WVPA Pakistan,



From left to right: Prof. Ahrar Khan, Prof. Dr Iqrar Ahmad Khan (Vice Chancellor), University of Agriculture, Prof. Zafar Iqbal (Dean) and Dr Hanif Nazir Ch. President WVPA Pakistan.

Participants of the National Seminar held in Faisalabad in December 2014.



Dr Hanif Nazir. Dr M. Kashif Saleemi, secretary, WVPA Pakistan, presented a report on branch activities including the participation in the Asian Meeting of WVPA by Pakistan. He also encouraged the members to attend the XIX World Veterinary Poultry Association Congress (WVPAC 2015) in Cape Town, South Africa.

After lunch the second technical session had

7

three lectures delivered first by Dr Hanif Nazir on 'Newcastle disease an endemic challenge: its impact and control in Pakistan'.

The second lecture was delivered by the renowned poultry pathologist of Pakistan Prof. Dr Muhammad Zargham Khan on 'Mycoplasmosis: menace for the poultry industry'. He shared his practical experience of mycoplasma infections in commercial flocks and parent flocks.

The last lecture of the second technical session was presented by Dr Khalid Naeem Khawaja on 'Avian Influenza: Current Status in Pakistan'. Dr Khawaja is the head of the National Reference Laboratory on Poultry Diseases located in Islamabad. He is also chief scientist/focal person from Pakistan for FAO on avian influenza.

The last session was chaired by Dr Mustafa Kamal, President, Pakistan Poultry Association. In his speech he appreciated the efforts of WVPA Pakistan and the Department of Pathology for organising such an informative and highly technical seminar. He applauded the efforts of Dr Muhammad

Kashif Saleemi, Secretary WVPA Pakistan/ Assistant Professor Department of Pathology, University of Agriculture, Faisalabad, for organising this National Seminar.

At the end of the seminar Dr Muhammad Kashif Saleemi appreciated and thanked the financial support of SAADAT International, an exclusive partner of Merial in Pakistan.

Merial Pakistan, owned by SAADAT International Pakistan, provided their full financial support for holding this national seminar.

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

## USA

**The American Association of Avian Pathologists (AAAP) Annual meeting** will be held on July 11-14th, 2015 in Boston, Massachusetts with the American Veterinary Medical Association (AVMA) Annual Meeting. The AAAP Symposium: 'An Update on Marek's disease Vaccination, Diagnosis, and Immunosuppression,' will be held on Saturday, July 11th, 2015, 7:30am-12:30pm.

The symposium will be an update on tumour virus diseases, especially concerning Marek's disease (MD), its differential diagnosis from other tumour diseases, MD vaccines and recombinants including HVT-vectored vaccines in poultry and the effect of MDV-induced immunosuppression as well as the effect of other immunosuppressive conditions on MD.

The AAAP Scientific Program will be from Sunday-Tuesday, July 12-14th, 2015, 8:00am-5:30pm. The program will consist of oral and poster presentations on topics such as antibiotics, avian influenza, avian leukosis virus, bacteriology, case reports, coccidiosis, diagnostics, food safety, gut health, immunology, infectious bronchitis virus, infectious bursal disease, laryngotracheitis, Marek's disease, mycoplasma, Newcastle disease virus, processing, reovirus, salmonella, virology and welfare.

● **87th National Conference on Avian Diseases (NECAD)** will be in conjunction with the Pennsylvania Poultry Sales and Service Conference on September 16-17th, 2015 at the Penn State Conference



## Contributions to Aerosols

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

Please also remember to advise us about forthcoming meetings so that we can mention them in our diary of future events.

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

# Branch reports

Center/Hotel, State College, PA. For registration please visit the website. <http://extension.psu.edu/poultry-sales-service>

## ● Southern Conference on Avian Diseases

The meeting will be held together with Southern Poultry Science Society at the International Scientific Forum in Atlanta GA, January 25-26th, 2016. IPSF Online preregistration for the International Poultry Scientific Forum available at:

<http://www.ippexpo.org/ipsf/>

## ● North Central Avian Disease Conference

The meeting will be held in conjunction with the 2016 Midwest Poultry Federation (MPF) and features a topic rich agenda of various scientific presentations. It will be held on March 15-17th, 2016 at the Saint Paul River Centre, St. Paul, Minnesota. Closer to the meeting, you will be able to register through MPF, using the Pre-Registration Form, or pre-register online at [www.midwestpoultry.com](http://www.midwestpoultry.com)

## ● 65th Western Poultry Disease Conference

(WPDC) will be held April 24-27th, 2016 at the Marriott Vancouver Pinnacle Downtown, Vancouver, BC, Canada. The WPDC website is: <http://conferences.ucdavis.edu/wpdc>

● **The 2016 AAAP Annual Meeting** will be held August 5-9th, 2016 in San Antonio, Texas.

**Dr Charles Hofacre**  
Corresponding Secretary  
WVPA, USA Branch

## New branch - Nigeria

The Association of Poultry Veterinarians in Nigeria is open to every veterinarian that works in the poultry sub-sector of the agricultural industry – academia, research centres/institutes, Government vets, vets in the poultry industry and vets in the private sector consulting for the industry.

The organisational structure of the Association stands as follows:

- President-Head of the management committee: Dr Jones Okoye.
- Secretary General/Treasurer: Dr Bala A. Muhamad.
- Publicity Secretary: Dr Alo Odumayo.
- Financial Secretary: Dr Okeke Cosmas.
- Internship program coordinator: Dr Usman Musa.

The Association will have the following events:

- Annual General Meeting.
- Publication of a newsletter for sharing updated information in the poultry industry, both locally and otherwise.
- We will network the poultry medicine departments of more than eight universities offering veterinary medicine in Nigeria, to make sure their avian health programs are sound and research is relevant. We will be contacting the known poultry disease experts in Nigeria to become honorary members of the Association.

We look towards WPVA accepting our request to be part of the world body.

**Dr Jones Okoye**  
Nigeria

## New branch - Iraq

A new WVPA branch was created in Iraq in 2014 with 37 members under the lead of Dr Yaser Jamal Jameel, and will be submitted for official approval in 2015 in Cape Town.

Dr Yaser works in the field of poultry hygiene in the Veterinary College of the University of Karbala.

He is a veterinarian and holds a PhD from Baghdad University.

This group already has activities in education in veterinary science and local symposium organisation all over Iraq in cooperation with other veterinary colleges, veterinary clinics and poultry companies.

They provide educational trips for students of veterinary colleges to poultry field, hatcheries and feed manufacturers to look at all poultry systems and management.

Dr Yasser is also the President of the WPSA branch in Iraq (since 2013) and head of the Veterinary Syndicate in Karbala.



Dr Yaser Jamal Jameel

## Sister branches

As was previously reported in Aerosols, countries in southern Africa that do not have enough poultry veterinarians are now forming 'sister branches' under the auspices of the South African branch of the WVPA.

Sister branches are already in existence in Botswana, Zambia and Zimbabwe.

# The poultry veterinary



Cape Town is awaiting the poultry veterinary fraternity for the World Veterinary Poultry Association's congress to take place from 7-11th September 2015. With the untimely passing of the WVPA President, Trevor Bagust, the Local Organising Committee of the WVPAC2015 decided to dedicate this congress in his honour and we will host his wife, Joanne Bagust as our guest of honour. This congress promises to be a memorable experience with a scientific program covering a broad range of topics as well as opportunities for social and tourism experiences during the visit to South Africa.

## South Africa as a destination

South Africa has recently been named as one of the top 50 most tourist-friendly countries in the world, in a recent Travel and Tourism Competitiveness Report by the World Economic Forum. The aerial approach to Cape Town's International Airport offers a spectacular view over the Atlantic Ocean and the iconic Table Mountain, and has been named the 10th most scenic landing strip in the world by a global booking platform for private jets.

## Scientific programme

The scientific committee, chaired by Dr Carine Pienaar with advisor Professor Dick Jones, had the huge task of selecting suitable abstracts for oral presentations and posters with the aim of ensuring a balanced programme. This program caters for all poultry health professionals including,

poultry veterinarians from academia, poultry health researchers and poultry veterinarians in practice.

21 plenary sessions are included with keynote speakers from across the globe.

Experts from the USA, UK, RSA, Austria, Germany, Belgium, Bangladesh, Thailand, Mozambique and others will be presenting on a variety of topics. Themes include viral and bacterial diseases, immunity and immune suppression (viruses and mycotoxins), gut health and diseases, parasites, public health/food safety, ratite, turkey and duck diseases, aspects of poultry management (including welfare and disaster management), therapeutics and antibiotic resistance.

Two sessions are dedicated to small scale/backyard farming and case reports from poultry veterinarians who are active in the field.

A first for WVPA congresses will be an interactive electronic poster wall with posters presented in electronic format – no more scrolls in carry-on luggage.

The digital posters will also be available to congress delegates which means no need for taking pictures of posters to try and read later.

## Workshops

Two separate workshops will be hosted on the Monday afternoon preceding the congress with the topics: 'Diagnostic Pathology of Poultry Diseases: A Review' and 'Writing Scientific papers: How to please editors, reviewers and readers'.

## Congress App

An App for smartphones and tablets will be available with the congress programme –



# event of the year – WVPAC2015

another first for WVPA congresses. This will allow you to manage your attendance of different sessions in a 'smart' way and also to be alerted of possible changes in the programme or other events.

## Time off during the congress

From past experience, delegates become tired of just attending lectures non-stop and tend to go and do some sight-seeing during lecture time. The Local Organising Committee of this congress decided to have the Thursday afternoon as free time to do some exploration of Cape Town, especially for those who cannot fit in a pre-or post-congress tour. The Gala dinner will be hosted on the Thursday evening after an afternoon of well-deserved relaxation.

## Sponsors and exhibitors

This congress has three Diamond sponsors i.e. Ceva, Merial and MSD who will be offering their own satellite symposia. Hipra is our Tanzanite (a unique African gemstone) sponsor. Our Gold sponsors are Phibro and Zoetis. Our Silver sponsor is Boehringer Ingelheim. In addition to these major sponsors, there will be various other exhibitors, including some local South African companies, with whom delegates can interact and establish contacts during numerous refreshment breaks.

The exhibition hall will also host the electronic poster wall, refreshment stations and a power bar to recharge electronic devices for delegates' convenience.

## Travelling and accommodation

Cape Town International Airport is approximately 20km away from the city centre where the congress venue, Cape Town International Convention Center (CTICC), is located. There are a number of direct international flights into Cape Town or



connecting flights via Johannesburg's O.R. Tambo International Airport.

South African Airways is the preferred travel partner for this event and discount rates ranging from 5-8% per point of sale are offered. Log on to [www.flysaa.com](http://www.flysaa.com) and use the Promo Code: WVPAC2015 to receive your discount.

From the Cape Town International Airport specific hotel shuttle services or the 'My Citi' bus rapid transport system, metered taxis or self-drive options with rental cars could be used to reach your place of accommodation.

Some hotels are situated within walking distance of the congress venue. Other accommodation options are also available in the vicinity of the Convention Centre including Hotels, Guest Houses, Backpackers and Self Catering units.

For visa requirements please refer to [www.homeaffairs.gov.za/index.php/immigration-services/apply-for-a-south-african-visa](http://www.homeaffairs.gov.za/index.php/immigration-services/apply-for-a-south-african-visa)

We are looking forward to sharing this prestigious International Congress of the World Veterinary Poultry Association with all our colleagues from across the globe.

**Hannes Swart – LOC Chairman**



Asian Vaccines



### Interactive Experience

An innovative website for information and education on comprehensive *Salmonella* prevention.

**Salmonella 360°.com**

Sustainable *Salmonella* prevention can only be based on a systematic approach that needs to be viewed as a whole. Sharing information with such a holistic approach is the best way of helping the meat and egg industries to better prevent and control *Salmonella* in the production chain.

Committed to improve infection management and production efficiency, the website *Salmonella360.com* provides veterinarians and producers with the highest level of knowledge and tools for profitable production and food safety.

 is now a part of



GBLLAYNON00125



## The BioChek Quality System

### ELISA and qPCR test kits

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

**BioChek B.V.**  
Fokkerstraat 14  
2811 ER Reeuwijk  
Phone +31-182 582 592  
Fax +31-182 599 360  
E-mail [info@biochek.com](mailto:info@biochek.com)  
Website [www.biochek.com](http://www.biochek.com)

 **BioChek**  
BIOCHEK, SMART VETERINARY DIAGNOSTICS



VACCINE FOR BROILERS, LAYERS AND BREEDERS

# NeO.

THE EFFERVESCENT INNOVATION BY MERIAL

-  Convenient
-  Safe
-  Eco-friendly

THE NEW RANGE OF EFFERVESCENT POULTRY VACCINES THAT DO MORE FOR YOU AND YOUR FLOCK

 **MERIAL**  
A SANOFI COMPANY

# Poultry health course online

Following over 40 years of successful delivery as a face-to-face course by the UK's leading experts in poultry health, microbiology and virology, the Poultry Health Course, which has been running at The Institute for Animal Health, Compton Laboratory for the last 20 years, is entering a new phase of development.

Compton, and now the IAH Pirbright Laboratory (now Pirbright Institute), have entered into partnership with the University of Nottingham to develop an entirely online version of the poultry health course. This course contains the same learning outcomes and content as the residential course, is delivered by the same leading experts, and features a series of interactive tutorials to help reinforce students' learning.

The partnership has been able to utilise funding from the AgriFood Advanced Training Partnership grant provided by UK Biotechnology and Biological Sciences Research Council (BBSRC) for the development of post-graduate training courses for AgriFood sectors.

The original Poultry Health Course was and remains a residential course involving a series of more than 38 lectures presented by 29 international experts in their own fields, over a two week period. The course typically comprises lectures on major non-infectious and infectious diseases and the associated pathogens together with problems in production and in individual sectors and approaches to disease control. In addition, practical tuition is provided in laboratory techniques, post-mortem analysis and vaccination equipment.

The course has been designed to meet the needs of veterinary surgeons and poultry, feed and pharmaceutical professionals who will lead the poultry industry in the future.

Most delegates hail from the UK but the world of poultry medicine and science is becoming increasingly a global enterprise with centres of production moving towards Asia and South America. There is thus potentially huge scope for widening international participation and discussion in the course through its translation to an online format.

Students can elect to study the course either through the residential or online pathway. The residential course will be held in spring as usual in all probability during the month of April in 2016.

The online course will be rolled out for the

first time in early October 2015. Lectures will be released sequentially over an eight month period until May 2016.

The course can be attended as a part of continuing professional development (CPD) course with delegates receiving a certificate of attendance. Students can also opt to sit an exam which will allow entry into a series of additional courses including poultry production, poultry business management and poultry nutrition, leading to a Postgraduate Certificate in Poultry Health and Production

Further information on the content and delivery of both courses and the subject specialists involved can be obtained at the following website:

[www.poultryhealthcourse.com](http://www.poultryhealthcourse.com)

**On their recent visit to South Africa to be updated on the Cape Town Congress, the two vice presidents of the WVPA met a well known president.**





Frank Jordan  
(1917-2015)

## Frank T. W. Jordan

Professor Frank Jordan BSc, PhD, DSc, DPMP, FRCVS, the eminent poultry veterinarian and academic, died on 9th January 2015 at the age of 97.

Frank was born in Newport in Monmouthshire, South Wales in 1917 and was always proud of his Welsh heritage.

Frank qualified in 1941 at the Royal Veterinary College, London with a BSc in Veterinary Science and Membership of the Royal College of Veterinary Surgeons (MRCVS). He spent his final two undergraduate years in Berkshire, having been evacuated due to the London Blitz.

There were few jobs in veterinary practice available then, but Frank worked as a farm labourer for a few months until he found employment in a mixed practice in York. Here he gained useful experience but soon volunteered for military service and became a Captain in the Royal Army Veterinary Corps which took him to Burma.

After his war service, and teaching briefly at the Royal Veterinary College, Frank worked in a mixed practice until 1949 when he became an Assistant Veterinary Investigation Officer at MAFF Aberystwyth. Here he became particularly interested in poultry diseases but somewhat frustrated at not being able to follow-up investigations to define the causes.

After joining the University of Liverpool Veterinary School in 1952 as a lecturer, he was able to initiate his research at Leahurst Campus. Frank was awarded his PhD (London) in 1954 and became a Fellow of the Royal College of Veterinary Surgeons (FRCVS) in 1955. Later in his career he was also awarded his DSc (London, 1970) and, after helping to establish the Royal College of Veterinary Surgeons (RCVS) Diploma in Poultry Medicine and Production as Chairman of the RCVS Poultry Specialisation Board (1987), he was among its first recipients. This was followed by two years serving as Chairman of its examinations subcommittee.

In the early days at Liverpool, Frank was one of the few academics at the time who considered poultry diseases to be worthy of study and research. Alone, he obtained funding from the then Agricultural Research Council and the British Egg Marketing Board to establish at Leahurst a dedicated research

laboratory building, animal house facilities and a team of research staff. The research unit opened in 1966 and, following his official retirement in 1985, the laboratory building was renamed the Jordan Building. The work of this initially small group comprised research on poultry diseases and lecturing on these topics to veterinary undergraduates.

In 1973, a one-year taught MVSc course in Avian Medicine was established by Frank to train veterinarians from all over the world in poultry diseases and it ran for 11 years. The course also proved to be an excellent recruiting ground for PhD research candidates.

Frank's main research interests were in poultry respiratory diseases and he focused initially on infectious laryngotracheitis and then mycoplasmosis and other agents involved in chronic respiratory disease. Together with his colleagues, the research output of the group numbered more than 500 publications and put the University on the world map in terms of poultry disease research.

Frank delivered numerous invited talks at prestigious conferences in many different countries. He also undertook study leave and advisory work in various countries and was in the USA in 1963 at the time when President John F Kennedy was assassinated and in 1984 he was helping PhD students in Tripoli when the UK severed diplomatic relations with Libya. He certainly had his share of adventures!

Frank was an inspiring teacher, never happier than being with students in a chicken house, sniffing the atmosphere for ammonia or delving in carcasses in the post-mortem room pointing out a swollen bursa or necrotic enteritis. He also gave lectures on poultry diseases, by invitation, to students at Bristol, Glasgow and Edinburgh Veterinary Schools and at the Institute for Animal Health, Compton.

He edited several editions of the classic text *Poultry Diseases* which enhanced his international fame. The book has been used as a standard all over the world where students learn about poultry.

Frank still found time to be President of the British Veterinary Poultry Association, President of the Association of Veterinary Teachers and Research Workers and a member of several University and Government committees and visiting groups. He held office in the International

# Obituaries

Organisation for Mycoplasma and travelled as an advisor on behalf of the World Health Organisation.

Frank officially retired in 1985 and, rather remarkably, was co-author on at least 18 publications after retirement. He continued to work in the Jordan building at the Leahurst Campus until he was in his late eighties and was highly regarded by both established and newer poultry researchers as their guru. His final two papers were published when he was 88 and 91 years of age.

In recognition of his achievements Frank was elected an Honorary Life Member of the World Veterinary Poultry Association (WVPA) in 1983. He was awarded the Gordon Memorial Trust Lecture and Medal in 1985 'in recognition of distinguished contributions to poultry science'. In the same year he was elected as a Life Member of the British Veterinary Poultry Association and in 1995 he was awarded the Poultry Industry Award for lifetime services to the poultry industry. In 1993 he was appointed MBE in recognition of his 'services to veterinary medicine'.

In 2013, the President of the WVPA (the late Dr Trevor Bagust) visited Frank's residential home in Delph to deliver in person a certificate and speech to induct him as one of the first 52 members of the WVPA Hall of Honour for 'exceptional contribution to the WVPA and the world of poultry health management'.

## Ahmed Ali Sami Ahmed

It is with great sadness that we inform you of the death of our friend, colleague and mentor Prof. Dr Ahmed Ali Sami Ahmed who passed away on the 3rd March 2015 at the age of 81.

Professor Ahmed Sami was born on 20th October 1933 in El-Minia Province, Egypt. In 1958 he obtained his veterinary degree from the Faculty of Veterinary Medicine, Cairo University.

He completed his *Dr medicinae veterinariae* at the Department of Poultry Diseases, Giessen University, Germany, and in 1971 he successfully completed his *Dr habilitatus* thesis at the Department of Poultry Diseases, University of Munich.

In 1958, he joined the staff of the Department of Poultry Diseases at Faculty of Veterinary Medicine, Cairo University and became Professor in 1976. Then he was named

as the Dean of the then newly established Faculty of Veterinary Medicine, Alexandria University, Egypt.

From 1979 to 1982, he served as Professor of Poultry diseases at the Faculty of Veterinary science, King Faisal University, Saudi Arabia. He returned back to Alexandria University in Egypt and served as the head of Department of Poultry Diseases until his retirement and became an Emeritus Professor in 1994.

Professor Ahmed Sami established the Egyptian branch of the World Veterinary Poultry Association (WVPA) in 1986 and served as president until 2006. He organised the XII World Congress of the WVPA that was held in 2002 in Cairo, Egypt.

From 1997 to 2005 he served as Vice President of the WVPA; and in 2005 he was named as Honorary Life president of WVPA. In 2013 he was selected for the WVPA Hall of Honour.

His contributions to poultry veterinary science were recognised by numerous awards from industry, academia and government. He served as a scientific advisor for several poultry companies in Egypt and several Middle Eastern countries.

Over the past 50 years, he was selected to chair most, if not all of governmental committees related to poultry diseases and production in Egypt. His knowledge and expertise were instrumental to the enhancement and growth of the poultry industry in Egypt and the Middle East.

Professor Ahmed Sami's career has focused on diagnosis and control of poultry diseases, with particular emphasis on respiratory and foodborne diseases. He has published numerous papers in peer-reviewed journals and supervised more than 50 post-graduate students. He is best known for his work on Newcastle disease, infectious bronchitis and adenovirus infections, but has also worked on bacterial and parasitic diseases of chickens, duck and geese.

He will be missed by poultry specialists of the World Veterinary Poultry Association, as his contributions will not be forgotten. We will remember Professor Ahmed Sami for his long lasting, valuable contributions to academia, teaching, and research that supported the poultry industry in the Middle East.

Our thoughts are with his wife, Hildegard, his daughter Susanne and son Hani.

Ahmed Ali Sami Ahmed  
(1933-2015)





# WORLDWIDE CALENDAR 2016 - 2018

## VIV MEA 2016

FEBRUARY 15 - 17, ABU DHABI, U. A. E.

## VIV ASIA 2017

MARCH 15 - 17, BANGKOK, THAILAND

## VIV EUROPE 2018

JUNE 20 - 22, UTRECHT, THE NETHERLANDS

## VIV CHINA 2016

SEPTEMBER 6 - 8, BEIJING, CHINA

## VIV TURKEY 2017

APRIL 27 - 29, ISTANBUL, TURKEY

WWW.VIV.NET

 **vnu** exhibitions  
europe



AN EARLY START ON PROTECTION  
FOR A MORE PROFITABLE BUSINESS



GET THE MOST FROM YOUR  
VACCINATION PROGRAM

**CONVENIENCE  
AUDIT**



Convenience Audit Helps  
You Benchmark Vaccination  
Protocols For Best Results

**CONVENIENCE  
SERVICES**

Chick Quality Assessments  
Diagnostics  
Management Support  
Training



Copyright ©2015 Intervet International B.V., a subsidiary of Merck & Co., Inc. All rights reserved. GL/POU/0215/0005



 **MSD**  
Animal Health

# Diary of meetings 2015/6

## July

**11-14 – American Veterinary Medical Association and American Association of Avian Pathologists**  
Boston, Massachusetts, USA  
Website: [www.avma.org](http://www.avma.org)  
[www.aaap.info](http://www.aaap.info)

## September

**7-11 – XIX Congress of the World Veterinary Poultry Association (WVPA)**  
Cape Town, South Africa  
Website: [www.wvpac2015.com](http://www.wvpac2015.com)

**15-18 – SPACE**  
Rennes, France  
Website: [www.space.fr](http://www.space.fr)

**21-22 – 2nd WVPA-WPSA (Malaysian Branch) Scientific Meeting**  
Kuala Lumpur, Malaysia  
Email: [wvpawpsa@gmail.com](mailto:wvpawpsa@gmail.com)

**21-23 – Livestock Asia**  
Kuala Lumpur, Malaysia  
Website: [www.livestockasia.com](http://www.livestockasia.com)

## October

**8-10 – Ildex Indonesia**  
Jakarta, Indonesia  
Website: [www.ildex.com](http://www.ildex.com)

**12-14 – National Meeting on Poultry Health, Processing and Live Production**  
Maryland, USA  
Website: [www.dpichicken.org/events](http://www.dpichicken.org/events)

## November

**12-13 – BVPA Winter Meeting**  
Manchester, UK  
Website: [www.bvpa.org.uk](http://www.bvpa.org.uk)

## January 2016

**25-26 – Southern Conference on Avian, Diseases, World Congress Center**  
Atlanta, Georgia, USA  
Website: <http://www.ippexpo.org/ipsf>

**26-28 – International Poultry Expo, Georgia World Congress Center**  
Atlanta, Georgia, USA  
Website: <http://www.ippexpo.com>

## March

**21-23 – Poultry Focus Asia 2016**  
Bangkok, Thailand  
Website: [www.positiveaction.co.uk](http://www.positiveaction.co.uk)

**15-17 – North Central Avian Disease Conference**  
St Paul, Minnesota, USA  
Website: [www.midwestpoultry.com](http://www.midwestpoultry.com)

## April

**24-27 – Western Poultry Disease Conference (WPDC)**  
Vancouver, BC, Canada  
Website: <http://conferences.ucdavis.edu/wpdc>

## August

**5-9 – American Veterinary Medical Association and American Association of Avian Pathologists**  
San Antonio, Texas, USA  
Website: [www.avma.org](http://www.avma.org)  
[www.aaap.info](http://www.aaap.info)

## September/October

**WVPA Asia Meeting**  
The Philippines  
Website: [www.wvpa.net](http://www.wvpa.net)

## Forward planning:

### July 2017

**21-25 – American Veterinary Medical Association and American Association of Avian Pathologists**  
Indianapolis, Indiana, USA  
Website: [www.avma.org](http://www.avma.org)  
[www.aaap.info](http://www.aaap.info)

### September 2017

**3-8 – XX Congress of the World Veterinary Poultry Association (WVPA)**  
Edinburgh, Scotland  
Website: [www.wvpa.net](http://www.wvpa.net)  
[www.bvpa.org.uk](http://www.bvpa.org.uk)

## SUPPORTERS OF AEROSOLS

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





**ROTECC® COCCIDIOSIS MANAGEMENT**

All trademarks are the property of Zoetis Inc., its affiliates and/or its licensors. Product and trademark registrations may vary by country. Contact your Zoetis representative for availability. ©2015 Zoetis Inc. All rights reserved. ZP130376

## ACHIEVE LONG-TERM PERFORMANCE, ONE DECISION AT A TIME.

The long-term performance of your poultry operation hinges on the choices you make today. Employ the right methods at the right time with Rotecc® Coccidiosis Management, a customizable approach to rotation based on industry best practices. Using the broad portfolio and comprehensive support of Zoetis, the Rotecc approach helps you drive performance and manage the future of your operation.

*To learn more, contact your Zoetis representative or visit [zoetis.com/Rotecc](http://zoetis.com/Rotecc).*

**zoetis**

## Positive Action Publications Ltd

Publishers of international magazines in the pig, poultry, dairy, food safety & meat production sectors

**SUBSCRIBE TODAY**



now available in a digital format

For further information contact:  
[sharon@positiveaction.co.uk](mailto:sharon@positiveaction.co.uk)  
[www.positiveaction.co.uk](http://www.positiveaction.co.uk)

Organisers of  
**Poultry Focus Asia2016**

to be held in Bangkok, Thailand 21-23rd March 2016

## Anticipating WVPAC2017

### Auld Edinburgh Town

As I stand atop the Castle Rock  
And gaze on Edinburgh's braes  
I cast my eye and smile as I  
Look back on olden days  
For within the city tall and wide  
There's an ancient wall with a toon inside  
Ever known as Scotland's pride  
Auld Edinburgh Town

A capital, to crown them all  
An' steeped in Scotland's fame  
Where'er ye gaun, yer heart is drawn  
Tae yer Edinburgh hame  
For within the city old and new  
A beating heart comes shining through  
The place from where the city grew  
Auld Edinburgh Town

As you wander down the ancient town  
The history unfolds  
There you'll find some peace of mind  
And stories to be told  
With a modern City rich in style  
From the Port Of Leith to the Royal Mile  
We welcome you to stop a while  
In Auld Edinburgh Town

**Alan G. Brydon**

# National contacts for WVPA

Country	Contact	Email
Argentina	Dr Celina Buscaglia	celinabuscaglia@gmail.com
Australia	Branislav Karaconji	branislav.karaconji@zoetis.com
Austria	Prof. Dr Michael Hess	michael.hess@vu-wien.ac.at
Bangladesh	Dr Rafiqul Islam	mrislam_bau@yahoo.com
Belgium	Monita Vereecken	monita.vereecken@huvepharma.com
Canada	Dr Teresa Cereno	teresa.cereno@inspection.gc.ca
China	Prof. Dr Cui Zizhong	zzcui@sdau.edu.cn
Croatia	Dr Zeljko Gottstein	gottstei@vef.hr
Czech Republic	Dr Karel Kovarik	karel.kovarik@vetweb.cz
Denmark	Dr Soren Astrup	sa@poultryvet.com
Egypt	Prof. Dr Youssef Ibrahim	dryoussef.ibrahim@yahoo.com
France	Dr Nicolas Eterradosi	nicolas.eteradosi@anses.fr
Germany	Prof. Dr Hafez M. Hafez	hafez.mohamed@vetmed.fu-berlin.de
Greece	Dr Ioanna Georgopoulou	ioannag@vet.auth.gr
Hungary	Dr László Körösi	korosidr@gmail.com
India	Dr J. M. Kataria	jmkataria@rediffmail.com
Iran	Dr Mehdi Mirsalimi	mehdi.mirsalimi@golbid.com
Iraq*	Dr Yasser Jamal Jameel	yasser_veterinary@yahoo.com
Israel	Dr Rachel Bock	ruzenka100935@gmail.com
Italy	Dr Alessandra Piccirillo	alessandra.piccirillo@unipd.it
Japan	Prof. Dr Koichi Otsuki	k3666@cc.kyoto-su.ac.jp
Jordan	Dr Mohammad Al-Natour	mqalnatour@yahoo.com
Libya	Dr Soleman Al-Garib	algaribnl@yahoo.com
Macedonia	Prof. Dr Aleksandar Dodovski	adodovski@fvm.ukim.edu.mk
Malaysia	Prof. Dr Aini Ideris	tnca@upm.my
Mexico	Dr Luis Arturo Suazo	aneca@prodigy.net.mx
Morocco	Dr Mohamed Mouahid	mohamedmouahid@gmail.com
Nigeria*	Dr Jones Okoye	czarjones2002@gmail.com
Pakistan	Dr Muhammad Kashif Saleemi	drkashif313@yahoo.com
Philippines	Dr Rolando Valientes	rolando.valientes@dsm.com
Poland	Dr Zenon Minta	zminta@piwet.pulawy.pl
Russia	Dr Victor Irza	irza@arriah.ru
Serbia	Dr Radmila Resanovic	radar@vet.bg.ac.rs
Slovakia	Dr Jozef Kalus	jkalus@nexta.sk
Slovenia	Dr Uros Krapez	uros.krapez@vf.uni-lj.si
South Africa	Mr Scott Elliott	prochik@protectachik.co.za
South Korea	Dr JaeSung Heo	jaesung.heo@bayer.com
Sweden	Dr Helena Eriksson	helena.eriksson@sva.se
Switzerland	Dr Richard Hoop	rhop@vetbakt.uzh.ch
Thailand	Dr Sumeth Sapchukun	sumeth.sapchukun@huvepharma.com
The Netherlands	Mr Wouter Steenhuisen	wouter@poultryconsult.com
Tunisia	Dr Abdeljelil Ghram	abdeljelil.ghram@pasteur.rns.tn
Turkey	Prof. Dr Ahmet Ergün	ahmet.ergun@veterinary.ankara.edu.tr
UK	Mr Philip Hammond	phammond@crowshall.co.uk
USA	Dr Charles Hofacre	aaap@aaap.info

\*Interim branch status that will be proposed for ratification at the 2015 Congress

For countries not listed above contact should be made with the secretary of the WVPA at:  
**francois-xavier.le-gros@merial.com**

## Your officers



**VICE PRESIDENT**  
Prof. Hafez. M. Hafez  
Germany  
hafez@vetmed.fu-berlin.de



**VICE PRESIDENT**  
Nigel Horrox  
UK  
neh@northernhygiene.co.uk



**SECRETARY - TREASURER**  
Francois-Xavier Le Gros  
France  
francois-xavier.le-gros@merial.com

Distributed to delegates at the Cape Town Congress of WVPA

A PDF of this edition of Aerosols can be downloaded at  
**[www.wvpa.net](http://www.wvpa.net)**

To receive your regular copy of Aerosols,  
please contact your national branch secretary (see page 19)