

Aerosols

Newsletter of the World
Veterinary Poultry Association



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President's message

As the football World Cup is now on all of our minds, I stop and think and then I realise that there are more national branches in WVPA than there are teams competing in South Africa! But there could be even more!

We have countries in which we have WVPA members and it would not take too much effort for them to create another national branch of WVPA. Then, there are great poultry countries who, in 2010, do not yet have their own WVPA national branch. Surely, these countries and their poultry veterinarians and scientists would benefit from being in the WVPA family?

If there are any members who are thinking of forming a branch, please contact myself or Ursula Heffels-Redmann, our secretary-treasurer, and we will do all we can to help you create your own national branch of WVPA. We can help you by providing contacts and advising on how to set up a national branch, including areas such as constitution and tasks the officers need to focus on. Together we can help you through the 'hatching' of your branch and through its 'starter' years.

Staying on the football theme, I notice that the Mexicans will be playing in the World Cup in South Africa and this reminds me that we must all now start to focus on their big event in Mexico next year – the XVIIth Congress of WVPA. The Mexicans have chosen a great venue for this in Cancun and are bringing together two great programmes – one scientific and one social!

So, please, now is the time to pencil next August into your diary so that you can attend the poultry veterinary event of 2011 and enjoy the great hospitality, cuisine, unique rich culture, history and beaches that Cancun and Mexico have to offer! We look forward to an exciting scientific event in beautiful Cancun.

Prof. Dr Hafez M. Hafez
President of WVPA

Visit: www.wvpa.net

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

History of the W



1960 Utrecht



1973 Munich



1977 Atlanta



1985 Jerusalem

In the summer of 1955 the distinguished Dutch veterinarian, Prof L. de Blicq, wrote to Dr Gordon at Houghton, UK, saying he hoped that it would be possible to create an International Association of Avian Pathologists.

In May 1956 Dr Gordon became the first president of the newly formed British Veterinary Poultry Association which supported the formation of an international association.

At the 16th International Veterinary Congress in Madrid in 1959 the World Veterinary Poultry Association was formed with the following objectives:

- To organise meetings for studying diseases and conditions relating to avian species.
- To encourage research in this field.
- To promote the exchange of information and material for study between individuals and organisations interested in avian species.
- To establish and maintain liaison with other bodies with related interests

The first officers were Prof L. de Blicq (president), Profs A. Brion of France and P. P. Levine of the USA (vice presidents), Dr R. F. Gordon of the UK (secretary) and Dr W. M. McKay of the UK as assistant secretary and treasurer. Shortly thereafter Dr William Percy Blount, on behalf of the British Veterinary Poultry Association, presented to Prof L. de Blicq a presidential chain of office. The medallion on the chain is shown in the centre. Over the years the WVPA has appointed honorary life presidents and those



The congresses of WVPA

Year	Venue	Attendees	Countries	Papers
1960	Utrecht	160	20	11
1962	Cambridge	200	18	12
1965	Paris	300	33	25
1969	Belgrade	600	31	109
1973	Munich	300	39	109
1977	Atlanta	289	35	22+
1981	Oslo	256	38	92
1985	Jerusalem	350	29	126
1989	Brighton	360	37	170
1993	Sydney	450		229
1997	Budapest	1085	71	350
2002	Cairo	800	65	245
2003	Denver	725	44	410
2005	Istanbul	936		388
2007	Beijing	945	65	447
2009	Marrakesh	1400	85	317

WVPA

still living are P. M. Biggs (UK), Y. Samberg (Israel), G. Bennejean (France), J. Meszaros (Hungary), L. N. Payne (UK), A. A. Sami Ahmed (Egypt) and J. L. Spencer (Canada).

It has also elected honorary life members and to date there have been six from Germany and the UK, four from Italy and the USA, two from Holland and one each from Belgium, Yugoslavia, Israel and Egypt.

One of the primary objectives of WVPA is to organise international congresses and to date there have been nine in Europe, two in each of North America, Africa and Asia and one each in North America and Australia. The statistics for these are shown in the table.

From just 150 members from 15 countries in 1960 membership has grown to 2119 from 59 countries in 2009.

There are 39 active national branches. Currently, just over half of the membership is in Europe with 18% in America, 14% in each of Asia and Africa and 5% in Australia (see

table below).

The World Veterinary Poultry Association celebrated its 50th Anniversary in 2009. Where will it be in 2059 when it celebrates its centenary?

WVPA Membership 2009

Europe	1088
Asia	280
America	365
Africa	286
Australia	100
Total	2119

The presidents of WVPA

1959-1960	Prof L. de Blicck	Netherlands
1960-1967	Prof A. Brion	France
1967-1969	Dr G. F. Gordon	UK
1969-1973	Prof P. P. Levine	USA
1973-1977	Prof. I. Gylstorff	Germany
1977-1981	Dr B. R. Burmester	USA
1981-1985	Prof P. M. Biggs	UK
1985-1989	Prof Y. Samberg	Israel
1989-1993	G. Bennejean	France
1993-1997	Dr L. Payne	UK
1997-2001	Dr Spencer	Canada
2001-2005	Prof E. Kaleta	Germany
2005-	Prof Hafez Hafez	Germany



1993 Sydney



1997 Budapest



2002 Cairo



2007 Beijing

XVII Congress of the World Veterinary Poultry Association



August 14-18th, 2011 in Cancun, Mexico

The Mexican Branch of the WVPA and ANECA would like to invite all members and friends of the WVPA from around the world to attend the seventeenth Congress of the World Veterinary Poultry Association from 14-18th August, 2011. We will be delighted to welcome you with a top world class scientific program in a setting of extraordinary beauty, at the Moon Palace Congress Center, in Cancun, Mexico, nestled in an authentic tropical paradise.



This convention center is the largest and most modern on the Mayan Riviera, as well as the best equipped in terms of technology. We have chosen the best place to work and have a great time! We will have the scientific program, poster sessions, workshops, seminars, exhibitors' area, simultaneous translation (English-Spanish), executive area and events organised by our major sponsors.

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<http://www.wvpc2011cancun.org>



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Profs. Bradbury and Jones acclaimed

The Spring Meeting of the British Poultry Veterinary Association (BVPA) was dedicated to Profs. Janet Bradbury and Richard (Dick) Jones to recognise their sterling service to poultry veterinary science over many years on the occurrence of their 'retirement' from Liverpool University's Veterinary School.

The programme of the meeting was dedicated to their two specialities – mycoplasma and virology and was centred around presentations from old students, colleagues and friends who can be seen in the accompanying photograph. They included Dick Gough, Stan Kleven (USA), Clive Naylor, Sharon Levisohn (Israel), Nestor Mossos (Columbia), Anneke Feberwee, Nicolas Etarradossi, Ana Ramirez, Kannan Ganapathy, Adrian Mockett, Dave Cavanagh, Jane Cook, Mohammed El Houdafi (Morocco), Kenton Hazel, Phil Hammond, Stuart McNulty and Chris Morrow (Australia). The five long distance travellers are identified above!

One of the many highlights of the meeting was a video of Prof. Frank Jordan who has been a mentor and friend of Janet and Dick for more years than they cared to remember!

Prof. Jordan, now in his nineties, was too old to travel to the meeting, but the member-



ship of BVPA really appreciated his reminiscences and having him at the meeting in spirit, if not in person.

The Dinner of the meeting was dedicated to these two stalwarts and both spoke to assembled friends and colleagues.

Then BVPA's president, Claire Knott, presented the two professors with a set of glasses engraved with the BVPA logo (and some wine to go in them!).

In the picture are Janet and Dick, sat either side of the BVPA president Claire Knott, and many of the speakers from the Spring Meeting of the BVPA.

Russian branch of WVPA

In 2002, seven veterinarians from Russia joined WVPA during the Congress in Cairo. Soon after that an idea to establish a national branch was realised at an annual meeting of poultry veterinarians in Moscow. Since 2003 the Russian branch has had 40 members. Over the last seven years some people have left and others have joined the WVPA, but the number of members has remained constant.

Today, the Russian branch is made up of scientists working in research and educational institutes including: Federal Centre for Animal Health (ARRIAH), Vladimir – 12 members; Research & Producing Company "Avivac", Moscow – 7; All-Russian Research

Veterinary Institute of Poultry Science (AR-RVIPS), Saint-Petersburg – 4; St. Petersburg State Academy of Veterinary Medicine – 3; All-Russian State Institute for Control of Veterinary Preparations, Moscow – 2. Among the scientists there are 12 Doctors of Veterinary Science including nine professors. Other members are official veterinarians or working for poultry companies.

Members regularly contact each other regarding conferences and workshops organised by poultry companies and research institutes. Each year in April the Veterinary Poultry Congress, under the aegis of the Ministry of Agriculture and Poultry Association ('Rosptitcesoyuz'), is held in Moscow. Some

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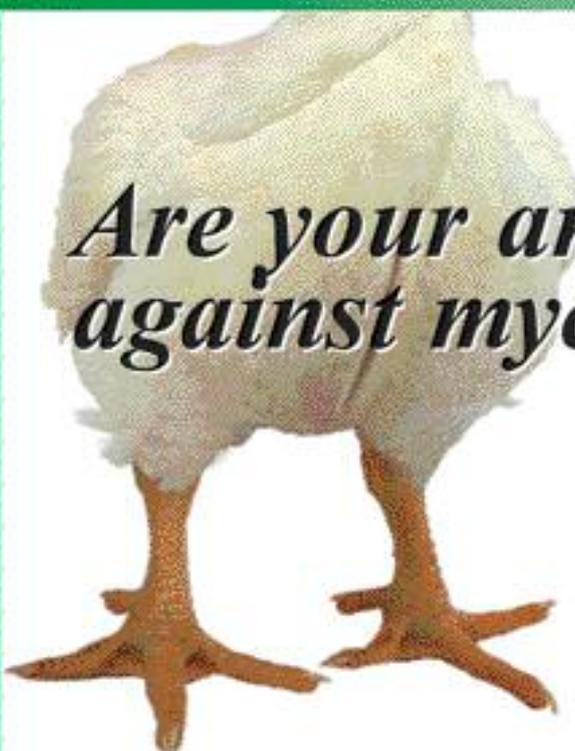
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5 ▶ lecturers from other countries and representatives of poultry companies and poultry vaccine manufacturers are invited to the Congress.

The Russian poultry industry has demonstrated high growth rates in recent years, with up to 16% for poultry meat and 3% for egg production per year. Russian poultry companies have a lot of international trade relations with breeding, feed and equipment producers abroad.

The current epizootic situation on notifiable diseases like avian influenza and Newcastle disease in the Russian poultry industry is quiet. The last case of HPAI in domestic birds (backyard poultry) was reported in April 2008 in the far east of Russia.

In previous years (2005-2007), nine commercial farms were affected by the disease. Target vaccination of free range poultry in contact with waterfowl in high risk areas and a ring emergent vaccination around outbreaks has been implemented since 2006. The vaccination of poultry against ND is compulsory in Russia.

The programme of vaccinating commercial poultry does not differ much from that applied worldwide and the problems are the same everywhere: IB (variant strains), AMPV infection, IBD (very rare due to routine vaccination) and hydropericardium syndrome. A new disease that poultry veterinarians are concerned about is big liver and spleen disease in broiler breeders.

Successful Israeli meetings

Every year the Israeli WVPA members have a conference to honour Dr Oded Pleser, poultry disease specialist, Director of the Poultry Disease Laboratory in Jerusalem, who was killed in 1973.

This year the topics of the conference were pandemics of influenza – past, present and future, trends in the isolation of influenza H9N2 by Israel's Poultry Health Laboratories, research in understanding morbidity caused by influenza H9N2 in Israel and pandemic influenza A-H1N1 (2009) a human disease that was transmitted to animals.

ABIC of the Phibro company in Israel hosted WVPA members to a symposium on a new tablet vaccine (TABIC IB 233A live), which considered the influence on the cilia in the trachea after eye drops, coarse spray and spray application challenge with the field virus Variant1 IB was presented and the serological and challenge results when Newcastle and IB were applied at the same time.

Israel honours Dr Bock

In March the 45th Annual Convention was held and hundreds of members of the Israeli WPSA attended the three day meeting in Jerusalem.

Overseas guests included Prof. R. Angel (USA), Prof. N. M. Bolder (Netherlands), Drs H. A. Elson and D. Wilson (UK), Dr P. Philipps (France) and Drs T. Steiner and M. Rouault (Austria).

The programme contained topics from the fields of nutrition, pathology, hygiene, and animal welfare.

After the opening ceremony the Head of the Israel Branch of WPSA, Prof. Shlomo Yahav, announced the decision of the Bureau to award Dr R. R. Bock honorary membership of the Israel branch of WPSA for her contribution to the poultry industry and to the WPSA in Israel. Dr S. Perk, director of the Poultry Health Department of the Kimron Veterinary Institute highlighted her remarkable work and her laboratory and field successes.



In a short talk Dr Bock stressed her love of the work, the privilege to work with the poultry people in Israel and abroad and she thanked the Committee for the recognition and for the award.

Dr Bock was added to the Golden Book of Israel Foundation where VIP's are listed.

Dr R. R. Bock receiving her award.



News from down under

The Australian chicken meat industry is enjoying a period of robust sales and product shortage. Alas, for those of us in the production area this inevitably means pressure on fertile egg supply and a drop in the standards of eggs coming in to the hatcheries.

I am quite sure this happens the whole world over when the processors can see a market opportunity.

The sales increase is being driven, at least in part, by a very high rate of population increase in Australia.

We have a very large immigrant intake who come from countries with a strong culture of chicken consumption. The other driver is absurdly high prices for beef and lamb which are the two principal red meats here.

Chicken meat has now overtaken beef and has the major market share at about 38kg per capita.

Our egg industry is also enjoying good times with per capita consumption increasing

due to excellent marketing activities by their peak industry body.

Eggs have been approved by the Australian Heart Foundation which means we have finally driven a stake through the heart of the long enduring myth that eggs raise cholesterol.

We continue to be plagued by ILT, or LT as the Americans might style it. The 'I' stands for infectious and deserves to be in the name as it certainly is infectious.

Our southern state of Victoria has been in trouble for about four years with continuing losses in the broiler industry. The layers are not experiencing losses as they are vaccinated but we believe they are the reservoir of virus.

Control is hampered by the inability of a leading international vaccine manufacturer to supply vaccine. Australia is unique amongst nations by refusing access to international vaccines and our vaccines are made from Australian isolates.

This makes us vulnerable when the only



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supplier of ILT vaccine made from Australian seed material is experiencing difficulty in reliable manufacture.

Our layer industry has outbreaks of military hepatitis, 'Spotty Liver' in birds producing out of cages. Research has so far not given us a causative agent, although good responses to antibiotic therapy suggest it is bacterial. The absence of any bacteria in the liver implies a bacterial toxin.

That is as far as we have got with the disease and all practitioners are dreading the emergence of antibiotic resistance.

Australia has very tight restrictions on antibiotic use in poultry and all we have in layers is chlortetracycline and Lincospectin.

In some areas we are seeing inclusion body hepatitis (IBH) re-emerge in broilers. It is caused by an adenovirus and for many years we have successfully controlled it by vaccinating the breeders to produce a maternal antibody. Unfortunately a new virus type has turned up.

Historically we have had a type 8b and the new one is a type 11. The problem is that we use a live vaccine in the breeders and those production areas are not keen on introducing type 11 if they do not have it. A debate is bubbling away on the merit of a killed vaccine.

As we all know, when politicians are presented with a problem, they form a committee; when poultry people are presented with a problem, they do a survey!

We are about to do a survey nationally to see how widespread this pesky type 11 is.

And, finally, may I invite you to our Scientific Meeting to be held in Christchurch (middle of the South Island), New Zealand in October 2010.

We are an Australasian society with members in New Zealand and every few years we have a meeting in their home territory.

This will immediately follow a WPSA meeting there and I can't think of a better reason to visit the most beautiful place on earth (Middle Earth in The Lord of the Rings) in mid-Spring as it will be then.

I look forward to meeting some of you there. Please do not hesitate to contact me via benwells@bigpond.net.au if you might be interested in joining us.

Dr Ben Wells
(President)
benwells@bigpond.net.au

Dr Branko Karaconji
(Secretary)
karacob@fortdodge.com.au

Dr Trevor Bagust
(AVPA-WVPA Bureau)
trevorjb@animelb.edu.au

Poultry Congress

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Contact: aviang@infogen.net.nz

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Slovak branch

The Slovak branch of WVPA organised its annual conference on Diseases of poultry and current problems in the poultry sector on 18th March 2010 in Nitra Slovakia.

The main speakers were Dr Anna Catharina Berge – control of salmonella in poultry farming, Dr Bart van Leerdam – Recent cases of respiratory diseases and Dr Laszlo Korosi – Respiratory and reovirus infections in chickens.

There were more than 100 participants at the conference including poultry veterinarians, officials, laboratory workers and poultry breeders.

Jozef Kalus

German congress

The VI International Symposium on Avian Corona and Pneumoviruses and Complicating Pathogens was held in Rauischholzhausen, Germany, on 14-17th June 2009.

The proceedings are available as a book and CD with full text papers at a price of 22 Euro plus postage (Germany: 2.50 Euro, Europe: 6 Euro, other countries: 12 Euro).

Order Address:

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Avian leukosis in China

In recent years, avian leukosis has spread and commonly been reported in chickens of Chinese local breeds and egg-type breeds in China. All major subgroups of avian leukosis viruses (ALV) have been isolated and identified but the most isolates were identified as subgroup J ALV. It caused typical myeloid leukosis in white meat-type breeds and haegomas in skin and livers.

ALV-J was also commonly isolated from chickens with enlarged proventriculus or proventriculitis. It has already caused big economic losses and attracted the attention of the Chinese poultry sector and avian pathologists on the issues.

A special conference on avian leukosis in chickens was held in Beijing, China, from 19-20th March, 2010 and more than 300 participants from universities, institutes and big breeding farms attended the conference.

From the 15-18th, October, 2010, the National Conference of Chinese Association of Avian Pathologists will be held in Zhongqing city. This conference is held every two years and this year it is expected that avian leukosis issues will be one of the major topics as more research work has been done in the last two year on epidemiology, virology and pathology.

**Dr Zhizhong Cui, professor,
College of Veterinary Medicine,
Shandong Agricultural University, China
and corresponding secretary,
Chinese branch of WVPA.**

International grants

The Houghton Trust offers grants to young researchers (normally 35 or under) of any nationality working in the field of avian diseases. These are available for:

- Attendance and participation in scientific meetings.
- Short visits to appropriate laboratories for discussions and/or learning specific techniques (the maximum duration is normally 14 days).
- Attendance at appropriate training courses (normally not exceeding 14 days).

Applications on the official form only, should be received by 15th June, 15th November or 15th February each year.

Applications forms are available from:

The Secretary, The Houghton Trust,
138 Hartford Road, Huntingdon,
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Young members, why not apply for a grant to come to the WVPA Congress in 2011 in Cancun, Mexico?



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Writing for Aerosols

Aerosols is your magazine/newsletter!

Aerosols is the mouthpiece of your Association! We should be using Aerosols to keep our members informed about what our Association and its Branches are doing, and in so doing, provide every member with an informative and easy to read publication. We will then strengthen our Association and our members will see we are doing something for them!

Branch Secretaries should be providing editorial about their Branch although some of them have still to take out their pens, brush the cobwebs off them, charge them with ink and send me details of what is happening in their Branch.

If your Branch Secretary falls into this category please encourage him to send something in for the next issue of Aerosols. You may do this either politely or with a few well chosen expletives!

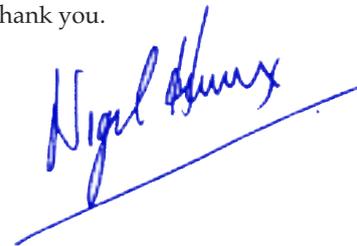
But, this does not preclude individuals from putting pen to paper and contributing to Aerosols. When writing you should try and

restrict yourself to 200-300 words and be factual. The first sentence should catch the reader's eye and make him want to continue reading! Please, when citing people's names, take care to spell them correctly.

In addition, remember 'a picture is worth a thousand words', so, whenever possible, include a suitable good quality full colour picture.

I look forward to receiving your contributions for our December 2010 issue of Aerosols by 30th October at the latest.

Thank you.



Nigel Horrox
Editor of WVPA's Aerosols



WWW.EPC2010.ORG

XIIIth European Poultry Conference

Tours, France, 23-27 August 2010

The multidisciplinary program of the XIIIth European Poultry Conference in 2010 will address a wide range of subject matters such as: economics, education, nutrition, environment, production system, product quality and safety, genetics, reproduction, welfare, behavior and bird health, all while looking forward toward a more sustainable poultry production

Further information can be found on the website:

www.epc2010.org



Meet our supporters

- **Bioproperties Pty Ltd** produces various vaccines for poultry and full information about these can be sourced from the company's website at www.bioproperties.com.au/vaccines
- **Pfizer Animal Health** now has the product ranges of Pfizer and Fort Dodge and the in ovo vaccination technology of Embrex. For full information on all of these see www.pfizerpoultryhealth.com
- **Huvepharma** is a global pharmaceutical company that focuses on providing solutions with a range of anticoccidials, veterinary products and feed additives. They also provide a calculator for calculating dosage rates. For further information see www.huvepharma.com
- **Intervet Schering Plough Animal Health** have a series of highly informative websites on different avian health topics such as infectious bronchitis, avian influenza, Gumboro disease, intestinal health, avian metapneumovirus, chicken infectious anaemia and necrotic enteritis. These are available in various languages and full details can be sourced at www.intervet.com/species/poultry/websites.aspxhitis.com
- **BioChek BV** produce a wide range of poultry immunoassays including their latest one which is a Big Liver and Spleen Disease Antibody Test Kit. Full information on BioChek's test kits can be found at www.biochek.com
- **Alltech's Poultry iSolutions** is a computer model that can be used to regularly evaluate the management and analyse the performance of poultry flocks. Full details can be found at www.alltech.com/iSolutions
- **Biomin** produce regular global surveys on mycotoxins in feedstuffs. The latest one, completed in December 2009 covers almost 3,000 samples that were screened for aflatoxins, zearalenone, deoxynivalenol, fumonisins and ochratoxin A. View the results at www.biomin.net/mycoreport
- **CID Lines' Bioprotection Box** is a program to ensure food safety on the farm that includes documents such as checklists and training manuals, operating procedures and instruments and testing strips. For full details see www.cidlines.com

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

Please send your feedback to any of the four officers highlighted on page 13 using the emails cited there.

ANNOUNCEMENT

Multiple-Choice Questions in Poultry Medicine 2010 edition

About 700 questions in the field of Poultry Medicine
Request a free electronic copy via e-mail from
Dr Tahseen Aziz (tahseen.aziz@ncagr.gov).

Tahseen A. Abdul-Aziz, BVMS, MS, PhD,
Diplomate • American College of Poultry Veterinarians
Avian Pathologist • Rollins Animal Disease Diagnostic Laboratory
North Carolina Department of Agriculture and Consumer Services
Raleigh • North Carolina • USA

Diary of Meetings 2010/11

July 2010

1-3 – **Agrena**, Cairo, Egypt
Contact: Info@agrena.net

8-10 – **Indo Livestock**, Jakarta, Indonesia
Contact: www.indolivestock.com

31-4 August – **AAAP Annual Meeting**, Atlanta, Georgia, USA
Contact: aaap@aaap.info

August

23 – **Incubation and Fertility Research Group**, Tours, France
Contact: victoria.hurst@bernardmatthews.com

23-27 – **XIII European Poultry Conference**, Tours, France
Contact: secretariat@epc2010.org

September

6-8 – **VIV China**, Beijing, China
Contact: www.viv.net

14-17 – **SPACE**, Rennes, France
Contact: info@space.fr

October

12-13 – **New Zealand Poultry Conference**, Christchurch, New Zealand
Contact: avianag@inforogen.net.nz

21-23 – **VIV Latin America**, Guadalajara, Mexico
Contact: www.viv.net

November

9-11 – **1st National Symposium on Poultry Science**, Batna, Algeria
Contact: univbatna.asa@gmail.com

16-19 – **EuroTier**, Hannover, Germany
Contact: info@DLG.org

25-26 – **BVPA Winter Meeting**, East Midlands, UK
Contact: www.bvpa.org.uk

25-27 – **Vietstock**, Hanoi, Vietnam
Contact: support@ambexpo.com

December

30th November - 4th December – **Agromek**, Denmark
Contact: ag@agromek.dk

January 2011

26-28 – **International Poultry Exposition**, Atlanta, USA
Contact: www.ipe11.org

March

7 – **LabQA2011**, Bangkok, Thailand
Contact: palmpositive@yahoo.com

8 – **Mycotoxins2011**, Bangkok, Thailand
Contact: palmpositive@yahoo.com

9-11 – **VIV Asia and Lab@VIV Asia**, Bangkok, Thailand
Contact: www.viv.net

17-18 – **BVPA Spring Meeting**, Harrogate, UK
Contact: www.bvpa.org.uk

21-23 – **9th Asia Pacific Poultry Conference**, Taipei, Taiwan
Contact: appc@talab.org.tw

June

16-18 – **6th International Symposium on Turkey Production**, Berlin, Germany
Contact: hafez@vetmed.fu-berlin.de

August

14-18 – **XVIIth Congress of WVPA**, Cancun, Mexico
Contact: www.wvpc2011cancun.org

31 August-3 September – **5th Workshop on Fundamental Physiology and Perinatal Development in Poultry**, Wageningen, the Netherlands
Contact: www.pdpworkshop2011.com

September

4-7 – **XX European Symposium on the Quality of Poultry and Poultry Meat and XIV European Symposium on the Quality of Eggs and Egg Products**, Leipzig, Germany
Contact: www.wpsa.com

7-9 – **30th WPSA Poultry Science Symposium – Alternative Systems for Poultry Production**, Glasgow, UK
Contact: www.wpsa-uk.com

And in the future ...

August 2012 – **24th World's Poultry Congress**, Bahia, Brazil
Contact: www.wpc2012.com