



DANDER

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<http://www.jcu.edu.au/school/bms/avpa>

President's Report

Well, 2007 has been an eventful year for the Association: movement from a simple AVA SIG through to an incorporated body in our own right. This has been a fairly straightforward procedure but not without its complexities and legalities which have added to the stress levels of your executive. We are all busy people and allocating time to achieving these outcomes has been a drain on us. Still, like child-birth, a worthwhile outcome soon allows us to look back the pain and move on. On behalf of all our members I offer our thanks to the workers that put in a heavy effort throughout the year. The team of Peter Claxton, Ben Wells, Peter Gray and Tom Grimes put in some hard yards and played an enormous role in getting us to the finish. The outcome is satisfying particularly when you consider the heartache that the AVA is now going through with another SIG which has taken a different path in trying to achieve the same position as we have. It could have been a lot harder.

In any case, the year was topped off well by an excellent scientific meeting in Glenelg in November. Great venue, well organised and valuable scientific presentations made it a fitting inaugural meeting of our "new" Association. Our thanks go to Kim Critchley, Margaret Sexton and Darryl Meaney for a big effort in putting this together.

There have been several interesting suggestions coming forth for the use of our funds and I would encourage everyone to put forward any suggestions for projects or ideas that will benefit our members and promote the aims of the Association. We will need to put these before the wider membership for endorsement and support, encouragement or enhancement. As our next general meeting will not be until July, it may be more propitious to canvas membership feeling on these issues via email or mail. This may allow us to make headway without undue delay.

Most activity for the early part of 2008 will revolve around completing preparations for AP6 (in conjunction with World Poultry Congress in Brisbane in July). This promises to be a great event and our thanks are owed to Kevin Whithear for carrying the load with the scientific program so far. Peter Scott, assisted by your President, will be responsible for much of the administrative liaison with the WPC organising committee.

With my best wishes to you all for the New Year.

Peter Groves

Registration for the XXIII World's Poultry Congress/Sixth Asia Pacific Poultry Health Conference is Now Open. Early Bird Registration Deadline is 29 February 2008. Financial Members of AVPA are eligible for the same reduced registration rate as full time WPSA members.

A registration form is available as pdf with this edition of *DANDER*. Registration can also be done online – www.wpc2008.com.

Best wishes for 2008 to all AVPA members

Contents of this issue

President's report		A Mysterious Illness from the 16 th Century – Could it happen again?	8
AVPA office bearers and convenors	1	“Compartmentalisation” initiative in Turkey	8
Summary of upcoming scientific meetings	2		
Membership matters	2		
Therapeutics subcommittee report	3	Minutes ordinary general meeting	9
Welfare subcommittee report	4	6 th Asia Pacific Poultry Health Conference and XXIII World's Poultry Congress	11
WVPA member report	4	8 th International Marek's Disease Symposium	11
Obituary – Tom Hungerford 1911 – 2007	5	Profiles of WPC/AP6 keynote speakers	12
Industry health issues - Report on NSW Poultry	6	AP6 provisional program	14
Health Liaison Group Meeting 30 November 2007	7		

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The Australian Veterinary Poultry Alliance is a Special Interest Group of the Australian Veterinary Association. Membership of the AVPA is available to individuals and groups working in, or interested in, any veterinary aspect of poultry.

Dander will be published quarterly (March, June, September and December). Contributions are welcome. Electronic copy is requested. Deadline for copy is by the end of the second week of the month of publication. Please send information on abstracts of interesting papers, summaries of reports, case histories, social news etc. to Kevin Whithear, School of Veterinary Science, The University of Melbourne, 250 Princes Highway, Werribee 3030, Victoria <kevingwt@unimelb.edu.au> fax 03 9731 2366.

Summary of Important Upcoming Scientific Meetings

April 2008	57th Western Poultry Diseases Conference & XXXIII Convencion Annual ANECA. Sheraton Buganvillas, Peurto Vallarta, Jalisco, Mexico. April 9-12. Contact Dr Rocio Crespo; Email: rcrespo@ucdavis.edu . Web: conferences.ucdavis.edu/wpdc
June 2008	7th International Symposium on Turkey Diseases. Institute of Poultry Diseases Free University Berlin, Germany. June 19 – 21. Contact: Prof. Dr. H. M. Hafez; E-mail: hafez@vetmed.fu-berlin.de
June-July 2008	23rd World's Poultry Conference and Sixth Asia Pacific Poultry Health Conference. Brisbane Conference and Exhibition Centre. June 29 - July 4. AVPA Contact Dr Kevin Whithear; Email: kevingw@unimelb.edu.au . Web: www.wpc2008.com
July 2008	8th International Marek's Disease Symposium. Townsville, Queensland. July 6-10. Contact: Dr. G. Burgess, School of Veterinary & Biomedical Sciences, James Cook University, Townsville, Queensland 4811. Phone: 07 4781 5472; Fax: 07 4781 6833; Email: graham.burgess@jcu.edu.au . Web: http://www.jcu.edu.au/events/mds
July 2008	2008 AAAP/AVMA Annual Meeting. Ernest N. Morial Convention Center 900 Convention Center Blvd., New Orleans, LA 70130. July 19-23. Contact Gregorio Rosales / Sue Clanton; Email: aaap@uga.edu . Web: www.aaap.info/mc/page.do

MEMBERSHIP MATTERS

Membership List

Thanks to all members who have renewed their AVPA subscriptions for 2007. As at **3 October 2007** AVPA has 80 Ordinary Financial Members, one Student Member, 6 Life Members and 4 Sustaining Members. Total membership 91.

New Members: AVPA welcomes the following new member: **Mathew Perrott** from Scolexia.

Current members are asked to encourage potential new members to join the AVPA. There is always strength in numbers!

2007 Financial Members: George Arzey, Edla Arzey, Caroline Ash, Phillip Ashby, Trevor Bagust, John Barnett, Leone Basher, Carol Bates, Peter Beers, Susan Bibby, Doug Black, Pat Blackall, Wayne Bradshaw, David Buckley, Graham Burgess, Brian Burke, Neil Christensen, Peter Claxton, Kim Critchley, Mike Cundy, Peter Curtin, Colm Culligan, Joanne Devlin, Kent Dietemeyer, Elizabeth Evans, Gordon Firth, Peter Gray, Tom Grimes, Peter Groves, David Hampson, Bob Hughes, Fakhrul Islam, Clive Jackson, Rod Jenner, Noel Johnston, Bob Johnston, Brian Jones, Wayne Jorgensen, Branco Karaconji, Vivien Kite, Azadeh Laghai, Mark Lindsey, Margaret MacKenzie, Michael McDermott, Paul McQueen, Con Malliadis, David Marks, Cornelius Matereke, Krystyna Minkiewicz, Linden Moffatt, Chris Morrow, Iain Mortimer, Kerry Mulqueen, Amir H. Noormohammadi, Frank Pace, Mathew Perrott, Barry Philips, Ravi Ravindran, Rod Reece, Bruce Remington, Grant Richards, Julie Roberts, Simon Robinson, Ambrosio Rubite, Brett Ruth, Peter Scott, Margaret Sexton, Shamon Shamon, Wafi Shinwari, Jo Sillince, Peter Spradbrow, Jillian Templeton, Andrew Turner, Greg Underwood, Aileen Vanderfeen, Julie Wagner, Steve Walkden-Brown, John Walters, Ben Wells, Pam Whiteley, Bill Williams, Sarah Wiley.

Student Member: Alireza Mahmoudian.

Life Members: Balkar Bains, Leon Barlow, Roger Chubb, Paul Gilchrist, Harvey Langford, Kevin Whithear.

Please see the AVPA website for information on sustaining members and links to websites

AVPA Sustaining Members 2007

Sustaining members contribute funds that help defray costs of services to members of the AVPA. We thank all sustaining members for their active interest and support.



Bayer Australia Ltd, 875 Pacific Highway Pymble 2073 NSW. (02) 9391 6218

Contact: Neil Cooper 0418 970 351 <neil.cooper.nc@bayer-ag.de>



Bioproperties Pty Ltd, 36 Charter Street Ringwood 3134 Victoria. (03) 9876 0567

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Contact: John Doyle 0407 446 144 <john.doyle@ozbiopharm.com.au>

Therapeutics Subcommittee Report

It has been a quiet few months on the therapeutics front.

AVPA has sent a submission to the APVMA Neomycin review, and an update on the progress of this review can be seen at <http://www.apvma.gov.au/chemrev/neomycin.shtml>

There was some concern from cage and aviary veterinarians at their annual conference regarding the risk to native birds of the genetically modified live canary pox vector equine influenza vaccine that has been extensively

used across Australia. An article in Bulletin published on 20th November 2007 quoted Adrian Gibbs, Virologist and Fellow of the Australian Academy of Science, calling for a bird surveillance program to measure the impact of the vaccine on native bird populations. This was countered by an extensive scientific discussion by the manufacturer, and if anyone is interested I can pass this on.

The next meeting of the AVA Therapeutics Advisory Committee will be held in April 2008.

Susan Bibby
Convenor

Welfare Subcommittee Report

Some items that may be of interest

Professor A. John Webster to visit Melbourne after the World's Poultry Congress

John Webster is Emeritus Professor of Animal Husbandry at the University of Bristol, UK. He has been involved in the science and promotion of animal welfare for over 30 years. He was a founder member of the Farm Animal Welfare Council and the original proponent of the 'Five Freedoms' concept. He will present a paper 'animal welfare and the environment' during a plenary session at the WPC.

For those of you unable to go to Brisbane or who may wish to meet with John again, the Animal Welfare Science Centre is making arrangements for him to be in Melbourne during the week of the 7th July 2008 (the week following the WPC meeting) and he will be giving a seminar, most likely at Monash University. For details of the meeting email Jeremy Skuse (jskuse@unimelb.edu.au).

Naturally Raised – labelling in the USA

As in Australia, in the USA livestock and meat producers are using production or processing claims to distinguish their products in the marketplace. AMS (USDA's Agricultural Marketing Service), through its voluntary certification and audit programs, verifies the accuracy of these claims. Public comments are currently being sought by AMS for a standard to establish the minimum requirements for those producers who choose to operate a USDA verified program involving a naturally raised claim. The naturally raised marketing claim will be a voluntary program.

EU LayWel project

The literature on hen welfare across production systems has been reviewed in a massive EU project (LayWel, 2006). In summary, the LayWel report tabulates 39 welfare risk areas in four categories: injury, disease and pain, hunger, thirst and productivity, behaviour, and fear, stress and discomfort for conventional cages, furnished cages, single and multi-level non-cage systems and

systems with an outdoor run. The data are tabulated using a traffic-light system of red (high risk of poor welfare), orange (variable risk of poor welfare) and green (low risk of poor welfare). The traffic lights show that conventional cages have low risk in 18 of the risk areas, while non-cage and outdoor systems have low risk in 6 and 4 of the risk areas, respectively. While conventional cages have high risk for 6 of 7 categories of behaviour, there is no evidence presented that behaviour is more important to welfare than risks of mortality. The authors' overall conclusion is that conventional cages cannot meet the welfare requirements of laying hens.

It is worthwhile considering the validity of this view. Savory (2004) pointed out that two conclusions in an earlier report (EC, 1996), on which the LayWel report was built, were equally damning of both conventional cages and alternative non-cage systems: "It is clear that because of its small size and barrenness, the battery cage as used at present has inherent severe disadvantages for the welfare of hens"; "It is clear that mainly because of the risk of feather pecking and cannibalism, these [alternative] systems have severe disadvantages for the welfare of laying hens". He further states that the decision in Brussels to ban conventional battery cages in the EU from 1st January 2012 (Council Directive, 1996) "could not have been based justifiably on the body of evidence presented in the EC Report" (EC, 1996). One could make a similar argument about the present report.

Report of the Scientific Veterinary Committee Animal Welfare Section on the welfare of laying hens. (1996). http://ec.europa.eu/food/fs/sc/oldcomm4/out33_en.pdf

LayWel. (1996). Welfare implications of changes in production systems for laying hens. Deliverable 7.1 Overall strengths and weaknesses of each defined housing system for laying hens, and detailing the overall welfare impact of each housing system.

<http://www.laywel.eu/web/pdf/deliverable%2071%20welfare%20assessment.pdf>

John Barnett
Convenor

WVPA Bureau Member Report

Dear AVPA Members,

Herewith is the website to go for news about your International Professional Association. It is updated quite regularly. In conjunction with this, you should soon be receiving the annual Newsletter of the WVPA, AEROSOLS, with news from all the national Branches through the world, including the Report from Australia for the 2007 year .

Many thanks to those who have helped me compile it this year, and especially our redoubtable Editor of *Dander*, Kevin Whithear!

WORLD VETERINARY POULTRY ASSOCIATION (WVPA)

<<http://www.wvpa.net/>>

About the WVPA

[Objects](#), [History](#), [Constitution and Rules](#), [Officers](#),
[National Branches](#), [General Business Meeting](#)

Membership

[How to join WVPA](#), [Formation of a Branch](#)

Grants and Awards

[Houghton Trust International Travel Grants](#),
[Houghton Lecture Award](#), [Bart Rispens Award](#)

Publications

[Avian Pathology](#), [Newsletter Aerosols](#), [Proceedings](#),
[Disease Reports](#)

Meetings

[WVPA Congress](#), [International Conferences and Meetings](#)

Links

[Education](#), Journals and Books, [National Branches and other Organizations](#)

Where and when is the next WVPA Congress going to be held?

WVPC-16, 19-23 September, 2009. Marrakesh, Morocco.

Planning by the WVPA Executive and the local organizers has started already. We'll keep you posted as this Congress is developed over the next two years.

We are all looking forward to a Good 2008, and Compliments of the Season to you and yours!

Trevor Bagust
AVPA Member for the WVPA BUREAU

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OBITUARY

Tom Hungerford 1911-2007



Tom Hungerford, who died recently at the age of 96, was one of the pioneers of poultry veterinary services in NSW. He graduated in Veterinary Science from Sydney in 1934. In 1936 Tom published, with Len Hart, a paper on septicaemic Pullorum in adult fowls. He lectured in poultry diseases, in a part-time capacity, to veterinary science students at Sydney University, from 1937-70 after which Beri Sinkovic took up the position on a full-time basis. The first edition (of a total of five editions) of his book, Diseases of Poultry, came out in 1939 when Tom started at Hawkesbury Agricultural College as a lecturer. In the same year he published, also with Len Hart, a paper on ILT vaccination.

In 1945 he opened his practice at Penrith which was then a country town, now an outer suburb, at the foot of the Blue Mountains west of Sydney. His was a mixed practice eventually employing 6 veterinarians servicing the local dairy and pig industries and various companion animals as the district became urbanised. However service to the poultry industry was soon the major emphasis. Pullorum disease was a scourge as was ILT. Both were notifiable diseases under the Stock Diseases Act and only a registered veterinarian could conduct the diagnostic test (Rapid Whole Blood Agglutination test) for Pullorum and the live virus vaccination for ILT. Tom and several other practitioners specialised in providing these services plus fowl pox vaccination, antibiotic medication and worming with carbon tetrachloride drench. Disease diagnosis was a free service to clients.

He was also a pioneer in providing services to the newly developing live sheep export industry. His backyard, which now lies beneath a large shopping centre, was the quarantine area for flocks of meat sheep heading for the Middle East.

Many overseas graduates gained their first exposure to veterinary practice under Tom's supervision. Rob Shapcott (later with Inghams) and the writer were among those who worked in Tom's poultry practice who eventually specialised in poultry disease.

Working for Tom was a trying experience as he was very forceful in achieving his objectives and the nature of the work was less than professionally stimulating. The turnover in veterinary staff was rapid but all who went through it benefited from his example both as a determined practitioner and as an astute businessman.

Changes in the statutory control of ILT (with the development of lyophilised vaccines) and Pullorum disease (with eradication of the disease from breeders) eliminated the need to employ a registered veterinarian for certain tasks and poultry practice changed towards diagnostic services provided by government laboratories followed by laboratory based private practices. The poultry industry was becoming vertically integrated and larger companies soon employed their own veterinarians with a more epidemiological approach.

After Tom left his general practice to some of his staff he found another career as Director of the Post-graduate Committee in Veterinary Science where he famously promoted the "goanna track to success". In that role he organised some poultry disease courses that contributed to the training of numerous veterinarians in government and industry positions.

Tom was not an active member of the AVPA but he did attend the first and some subsequent meetings of poultry veterinarians that led to the formation of AVPA.

Paul Gilchrist

An obituary describing in more detail Tom Hungerford's life and achievements outside of poultry work was published in the Sydney Morning Herald, 9 October 2007. The picture of Tom above was obtained from that article.

Industry Health Issues

Report on NSW Poultry Health Liaison Group Meeting 30 November 2007

The following items were discussed:

Spotty Liver was seen in free-range layer flocks. One 60w flock of 14,000 was losing 65b/day with a total mortality of 1200. Clinical signs included peritonitis, swollen liver with tiny white spots. In a second shed on this property, the mortalities were 100b/d. There was no response to CTC and at PM no spotty liver in this shed from birds submitted (apparently healthy birds).

In another smaller (5000bird) flock in a new barn shed, mortalities were 10-24/d. (This flocks was later diagnosed with *Pasteurella multocida* 4/5 birds positive on culture)

Spotty liver has been seen in breeder flocks that have open sided sheds, usually just post peak and responds quickly to medication (CTC or amoxicillin).

One free range/barn flock with recurrent spotty liver has been studied for 5 years. It responds quickly to CTC, medication has to be repeated and appearance seems to be associated with moisture, temperature, stress, cluckiness, picking, etc. The wet spots have been removed, fans used to cool and so far, no more spotty liver.

One company hasn't seen spotty liver for 7-8 years, since on-farm biosecurity was increased.

There have been several interested researchers who have been unsuccessful in obtaining funds. Requires epidemiological studies to identify risk factors. Previous studies have been unable to culture any organism(s) consistently.

Clinical ILT was diagnosed in an unvaccinated layer flock in Sydney following the vaccination of a younger age group on the farm when ILT vaccine became available. Vaccine-like ILTV was identified by PCR from samples from affected birds at Melbourne Uni. Comment – it has been known for a long time that SA2 vaccine will jump the fence to infect vicinity flocks and the Intervet vaccine is similar to SA2.

Peter Groves discussed the 'outbreak' of ILT in Victoria. It was first seen on a broiler farm on the Mornington Peninsula. One month later it was diagnosed in another broiler flock. Clinical signs included high mortalities and blood on the wall. It started in 1 shed then spread to 3 more. The farm was depopulated. Later a 9-week old pullet flock was affected north of Melbourne. The ILTV from samples from these flocks was identified by PCR at Melb Uni as Class 1. The only link between the 2nd affected broiler farm and the pullets was a shared feed truck delivery. There were a further 34 broiler farms suspected to have ILT on clinical signs which later were not confirmed as ILT in the laboratory. All of these had red trachea associated with ascites. Vaccination commenced using A20 at ¼ dose which produced no adverse reactions.

[Note: PCRs identified as: Class 1 – A20, SA2, Mornington Peninsular; Class 6 – long – standing mid Vic cases; Class 7 – from NSW cases]

ILT vaccine availability: Fort Dodge –5.5M doses of SA2 and 15M doses of A20 should be here in about December, Intervet – has millions of doses available

Other Vaccines: Vaxsafe *P. multocida* aro mutant vaccine field trials are expected to commence in the new year. SBH vaccine now in field trials.

Breeders that won't move their legs: An interesting syndrome, of as yet unknown aetiology, has been seen in 19 and 30 week broiler breeders in several flocks (captured on video). The birds are not distressed but just won't move unless forced to and will lie in the position you put them. Only a very small proportion of the flocks is affected (eg 30/30,000) and it lasts about 3 weeks. The birds are of average weight. There is no DOT in the feed and no abnormal levels of the common mycotoxins have been detected. One suggestion was to check the feed for the 6-8 weeks prior to the clinical signs. Further comments and suggestions are welcomed.

Chlamydiosis: Diagnosis using immunofluorescence (+) on clinical cases in a broiler flock in Sydney with bilateral conjunctivitis has been at odds with PCR and histo (-) recently. However, not the same tissues were tested and previous comparative studies demonstrated even differences in diagnosis on PCR between duplicate samples of the same organ.

The issue requires further investigations but for regulatory purpose a positive detection by any NATA accredited test is considered positive.

Aspergillosis was still being seen intermittently in day olds sourced from a hatchery where it was thought the problem had been solved. One fan was being turned off which created a negative pressure in the chick throwing off area. The use of Clinifarm and smoke generators appears to be resolving the problem.

Cellulitis in broilers has been seen only in NSW flocks. Related to lack of feed getting through? Has not been widespread occurrence across flocks or companies.

EDS notification: EDS has been diagnosed in several layer flocks in NSW including well biosecured flocks. The last case was diagnosed in a small FR flock supplying the Canberra market.

Oversupply of eggs: The predicted oversupply has arrived and as feed prices are very high, there may consequently be a greater than usual shortage following. **SPAFAS also has surplus eggs.** (On these happy notes one could hazard a prediction that SPF egg omelettes are not too far from the consumer kitchen).

Compiled by E Arzey and G Arzey

A Mysterious Illness from the 16th Century – Could it happen again?

A paper published in the Christmas issue of the Medical Journal of Australia titled “An outbreak of illness in poultry and humans in 16th century Indonesia¹” was sent to me by a “non poultry” colleague earlier in the month, and has caused some debate within my poultry circle as to a possible diagnosis of the illness described.

The article refers to an unsigned treatise written by António Galvão, captain from 1536 to 1539 of the Portuguese fortress on the island of Ternate in the Maluku archipelago, in what is now Indonesia -

“At the end of April 1539 there appeared in Ternate and throughout this region a star in the west, with many enormous rays like a natural torch, similar to the one that was seen in Portugal when the earth shook. It lasted throughout May and June. With the south winds came this sickness to Bacan; before long it spread throughout all the islands beginning in the chickens. Because it happened one morning that more than 50 or 60 chickens belonging to António Galvão which had been growing healthy and fat were found dead; and afterward more than 110 of his people, both servants and slaves, fell ill, not one being spared and the more part dying on him, not counting the Portuguese and their children; and this evil was so common throughout all the land that they could not bury them, and the sea was full of the dead, and many places were depopulated, and thus they found themselves in visions at night for the men were amazed, saying that they had never before seen such a thing, nor had they heard of it from their ancestors¹”

The article then goes on to discuss possible causes for the observation, including infectious causes such as avian influenza, psittacosis and anthrax, as well as non infectious causes such as ergotism and carbon dioxide poisoning from crater lakes.

Lessons for modern day quarantine are also discussed, with the article stating “In conclusion, the devastating illness occurring in north-east Indonesia in the 16th century, affecting first chickens and then humans, is consistent with a zoonosis. The 16th century outbreak probably failed to spread because of the isolation of the islands from the rest of the world through climate-determined trading patterns.”¹

A full copy of the article can be obtained from

http://www.mja.com.au/public/issues/187_11_031207/sen106391_fm.html and is well worth a look.

Does anyone else have any comments or thoughts on possible causes for the observation?

Susan Bibby

A bottle of fine Portuguese Port will be generously donated by Scolexia Pty Ltd to the AVPA member providing the most plausible or inventive explanation. Send your diagnosis to Susan Bibby <sbibby@scolexia.com.au>. The winner will be announced in next edition of *DANDER*.

“Compartmentalisation” Initiative in Turkey

Tom Grimes

Recently the Turkish Government and poultry industry wished to investigate the possibility of applying “compartmentalisation” in Turkey. Compartmentalisation is a relatively new concept developed by the OIE (World Organization for Animal Health) to facilitate world trade from OIE-approved zones or countries positive to OIE-listed diseases such as Notifiable Avian Influenza (NAI). Export of poultry products from commercial poultry flocks in countries such as Turkey can be severely disrupted due to sporadic outbreaks of diseases such as virulent Newcastle disease (ND) or NAI in small backyard/village poultry flocks. Export trade can cease for up to 5 months while OIE-approved eradication procedures are implemented and a mandatory 3-month period following declaration of eradication lapses. Turkey has not implemented OIE Zoning, mainly due to the large number of village poultry estimated to be 1000 poultry in each of 40,000 villages and the considerable government resources that would be required to manage zoning of poultry diseases in Turkey. Village poultry are often not vaccinated, Turkey is on the flypath of migratory birds, countries surrounding Turkey are infected with NAI and ND from time to time and there is considerable movement of poultry between villages. The main components of compartmentalisation such as biosecurity, HACCP, identification, traceability, surveillance and reporting are

already well understood and practised by large commercial poultry companies. While government has to oversee and approve compartmentalisation, industry can undertake much of the work to implement compartmentalisation, thus relieving government of the need to substantially commit additional resources.

Compartmentalisation can be defined as “One or more establishments (for example hatcheries, farms, egg grading/packing facilities) under a common biosecurity management system containing an animal subpopulation (for example broilers) with a distinct health status with respect to a specific disease or diseases for which surveillance, control and biosecurity measures have been applied for the purpose of international trade”. Details of compartmentalisation can be found on the OIE websites http://www.oie.int/eng/normes/mcode/en_sommaire.htm and http://www.oie.int/tahsc/eng/en_reports.htm.

Dr. Tom Grimes was awarded the contract by an international consulting organisation (Conseil Sante) to undertake a one-month consultancy to work with the Turkish chicken meat (BESD-BIR) and egg (YUM-BIR) industries and the Turkish government (General Directorate of Protection and Control of the Ministry of Agriculture and Rural Affairs) to develop compartment-

alisation in the Turkish poultry industry. Five workshops and twelve meetings with poultry companies throughout Turkey were conducted to explain compartmentalisation and to determine whether poultry companies are able to adopt the measures required by the OIE to implement compartmentalisation. One conclusion was that it is essential for Turkey to progress compartmentalisation if the poultry industry wishes to maintain and develop export business to some OIE-member countries, including in the European Union. Another conclusion was that Turkey is as well situated as many other countries to implement compartmentalisation as the commercial poultry industry is well organised, but there will need to be some additional government resources allocated. The Turkish government

and industry accepted the recommendations in the report of the mission, a government poultry officer has been appointed in Ankara to lead the implementation, the Turkish chicken meat and egg industries have each nominated an officer in their peak industry bodies to assist the government veterinarian and a government-industry Working Group has been established to oversee the implementation.

The full report on the mission can be found at www.aiproject.org, English, Reports, Report of Mission to Investigate Compartmentalisation for poultry Industry – July 2007.

Minutes Ordinary General Meeting

Australasian Veterinary Poultry Association Ltd

A.C.N 128 211 281

Comfort Inn Haven Marina, Glenelg North, SA 31st October, 2007

Present: Neil Cooper, Aileen Vanderfeen, Rod Jenner, Linden Moffatt, David Tinworth, Branko Karaconji, Wayne Bradshaw, Margaret Sexton, David Marks, Ravi Ravindran, Jutta Tebje-Kelly, Kerry Mulqueen, Julie Wagner, John Doyle, Darryl Meaney, Sarah Wylie, Soy Rubite, Chris Morrow, Kim Critchley, Iain Mortimer, Peter Scott, Phillip Ashby, Matthew Perrott, Bob Hughes, Tom Grimes, Clive Jackson, Balkar Bains, Bruce Remington, George Arzey, Peter Groves, Peter Gray

Apologies: Ben Wells, Greg Underwood, Pam Whitely, Joanne Sillince, John Reeves, Simon Robinson, Leon Barlow, Wayne Jorgenson, Noel Johnson, Paul Macqueen, Caroline Ashe, Harvey Langford, Trevor Bagust, Mark Lindsey, Kevin Whithear.

Welcome to the Company

Peter Groves (President) welcomed all to the Inaugural Meeting of the Australasian Veterinary Poultry Association Ltd.

Concern was raised to the name change to 'Australasian' from 'Australian'. It was explained that this was in recognition of the increased number of New Zealand members. This name was on the circulated Draft Constitution for comment. To the best of our knowledge no complaint was received.

The President offered the opportunity for a motion to be passed to return to original name, however, this was declined. It was commented that in future all areas of Constitution can be reviewed as members see necessary.

Peter Groves recently acknowledged those who had helped in setting up the new company in Dander. He neglected to add Tom Grimes name to that list & wished for Tom to be recognized at the meeting for his contribution.

Motion – That the Constitution of the Australasian Veterinary Poultry Association be accepted. Chris Morrow/ David Tinworth. Carried without dissent.

Discussion re AVPA Ltd.

Membership of the Australian Veterinary Poultry Alliance means automatic membership of AVPA Ltd.

Clive Jackson raised that previously membership did not require a Veterinary Science Degree but did require scientific qualifications or relevant poultry experience. The current Constitution states that a member 'may be a veterinarian or non veterinarian but must have an interest in Poultry Health, Production or Medicine'. The Committee will review the difference between the previous & new Constitution in this area.

Membership of the AVA Poultry SIG will confer membership of AVPA Ltd. with no additional cost. Membership can be paid via AVPA or AVA. The Constitutional requirement that all new members of the AVPA Ltd. must be proposed & seconded in writing by a member and be approved at the Board Meeting applies whether joining via AVA Poultry SIG or direct via AVPA. Balkar Bains raised the concern that he believes once someone is accepted in membership they cannot be 'struck off' the membership even if fees are not paid. This emphasizes the importance of proper process in vetting new members.

A separate AVA Poultry SIG Committee will be formed.

Treasurer's Report

Peter Gray presented the Treasurer's Report. As of 30th September 2007, we have \$97,526 in 'Australian Veterinary Poultry Alliance' NAB cheque account. There are still some costs to be paid so current balance as of the meeting date is approx. \$91,000. The new AVPA Ltd. NAB Account has approx. \$5,000 in credit. The AVA has again requested that we close our 'Australian Veterinary Poultry Alliance' account & transfer the money to the AVA which will be available for use by the Poultry SIG. Now that the structure is in place for this to occur we will transfer the money & close the account by the end of 2007.

Motion- Treasurers Report be accepted. David Marks/Peter Scott. Carried.

What do with the money? Tom Grimes made the comment that the AVPA money was never meant to be building up in a bank account, but rather used for furthering the aims of the association. For example paying for international speakers to attend Australian Conferences. Peter Groves outlined a proposal put forward by Rod Reece to build a pathology database/ collection of slides of Poultry Diseases. The cost for this could be \$50,000. No major amounts would be spent without consulting the membership. Tom Grimes requested that the membership be canvassed on possible uses of income.

Motion - Membership be canvassed on use of funds. Rod Jenner/ David Marks. Carried.

Election of Office Bearers

To assist in transition to new structure it was proposed that all current positions be transferred to the new AVPA Ltd. The positions would be open for re-election at the next AGM. Bank account opened with NAB will require two of the three signatories to sign.

President (Director/ Signatory)- Peter Groves

Honorary Secretary (Director/ Signatory)- Ben Wells

Honorary Treasurer (Director/ Signatory)- Peter Gray

Vice-President- Peter Scott

Sub Committee Convenors- Importation & Exotic Diseases- George Arzey; Therapeutics- Susan Bibby; Welfare- John Barnett

Dander Editor- Kevin Whithear

WVPA Bureau Member- Trevor Bagust

Website Co-ordinator- Graham Burgess

Motion- All existing positions remain until next AGM. David Tinworth/Chris Morrow. Carried.

Previously unfilled positions-

President Elect- Nominated David Marks. Proposed: Branko Karaconji/ Chris Morrow. Carried.

Assistant Secretary- left open at this stage.

Scientific Convenor- Nominated Chris Morrow. Proposed: David Tinworth/ Peter Gray. Carried.

AVA SIG Executive- Nominated Peter Groves, Simon Robinson. Proposed: D Marks, P Gray. Carried.

Committee will investigate timing of next AGM & possible alternative means of conducting the meeting.

Acknowledging Our Members

Kevin Whithear- received the Order of Australia - Medal (OAM) in 2007 for service to veterinary science and education, particularly the research, development and production of vaccines to control poultry diseases.

Trevor Bagust- appointed President Elect for WVPA

The meeting wishes to acknowledge & pass on our congratulations to both Kevin & Trevor.

Conferences

Peter Scott will be involved in financial & administrative co-ordination (with P Groves assistance) on behalf of AVPA with Bob Pym for AP6 & WPC.

The AVPA Committee will contact Graham Burgess to ask that he circulate details of Mareks Conference in Townsville to AVPA members.

Other Business

Bruce Remington requested that the AVPA Committee look at re-running the AVPA tie & similar item for female members.

Peter Gray
Hon. Treasurer

6th Asia Pacific Poultry Health Conference and XXIII World's Poultry Congress

The XXIII World's Poultry Congress (WPC) will be held at the Brisbane Convention and Exhibition Centre from 30 June – 4 July 2008. The 6th Asia Pacific Poultry Health Conference (AP6) will be the main poultry diseases stream of the WPC although there will be other health and disease topics in other concurrent streams (or main disciplines) of the Congress. These are:

1. Welfare, husbandry and the environment.
2. Nutrition and feed technologies.
3. Processing and product safety.
4. Economics, marketing, education and extension.
5. Genetics and breeding.
6. Other species and alternative systems.
7. Physiology and endocrinology.
8. Management.

Each main discipline is divided into a number of themes and each theme will have one or two invited speakers who will provide an up to date overview (30 minutes) of the theme topic to be followed by presentations of selected proffered papers (15 minutes). In addition to all of this, and running concurrently, will be the 4th International Ratite Science Symposium and PIX 2008.

The Brisbane Convention and Exhibition Centre venue is well planned and will allow delegates to move easily between talks of their choice. The Scientific Program Committee is endeavouring to structure the Program to try to avoid clashes of simultaneously running related topics.

The morning sessions on each day of the Congress will be devoted to a Plenary available to all delegates to attend. A short biography of each keynote plenary speaker is on page xy of *DANDER*.

There will be a single registration for all conference delegates, including AP6 (although PIX 2008 has a separate registration). The registration form is available as a PDF with this edition of *DANDER*. Registration is also available online at www.wpc2008.com.

Please note that early bird registration (\$990) must be made by 29 February 2008. Financial members of the AVPA are eligible for the same discounted rate as WPSA members, a saving of \$200. Please indicate that you are an AVPA member on the registration form.

The AP6 Scientific Program, including invited speakers is on page yz of *DANDER*.

WPC/AP6 is a not to be missed event for anyone interested in poultry science. There will be something for everyone and even more! AVPA members will be particularly welcome.

Immediately following WPC/AP6 will be the 8th International Marek's Disease Symposium in Townsville. For further information see page zz of *DANDER*.

Kevin Whithear

Chair AP6 Scientific Program Committee



8th International Marek's Disease Symposium

<http://www.icu.edu.au/events/mds> <<http://www.icu.edu.au/mdc>>

Sunday 6 July to Thursday 10 July 2008
Townsville, Queensland, Australia

On behalf of the organising committee I have pleasure in informing you that we are now accepting abstracts for the symposium. Registration is now available

Arrangements of the symposium are proceeding quite well and it promises to be a very stimulating event. There will be a great social program and the scientific program is starting to take shape with some excellent keynote speakers.

Earlybird registration closes 29th February 2008

Abstracts close 31st January 2008

Graham Burgess

Profiles of WPC/AP6 Keynote Speakers

Dr Robyn Alders (International Rural Poultry Centre, Kyeema Foundation, Australia)

Village poultry: still important to millions eight thousand years after domestication

Following graduation with a Doctor of Philosophy degree in veterinary immunology from the Australian National University in 1989, Dr Alders worked for three years at the School of Veterinary Medicine within the University of Zambia and was then based in Maputo, Mozambique for 12 years. For the past 15 years, she has worked closely with smallholder farmers in Africa and Asia as a veterinarian, researcher and colleague. For much of this time, Dr Alders worked on the development of sustainable Newcastle disease (ND) control in rural areas as this disease is a key constraint to small livestock producers, many of whom own only poultry. Since 2004 she has been involved with preparedness, prevention and control of highly pathogenic avian influenza in Ethiopia, Indonesia, Lao PDR, Malawi, Mozambique, Tanzania, Thailand and Timor-Leste. In addition to technical issues relating to livestock production, Dr Alders recognises the important role of socio-economic issues, including gender, in livestock development programs. She also has a practical understanding of the role of livestock in HIV/AIDS mitigation.

Dr Martine Boulianne (University of Montreal, Canada)

Poultry product safety: recent advances

Dr Martine Boulianne is a full professor at the University of Montréal, Canada, where she obtained her DMV. She did her PhD in Avian Pathology at the University of Guelph, spent a year in Davis, California for post-doctoral studies and became Diplomate of the American College of Poultry Veterinarians. In 1999, with the support of Quebec's major poultry and egg producers, she established the "Chair of Poultry Research" and was instrumental in creating the inter-university Centre for Poultry Research, with McGill University.

Her expertise in poultry health and food safety is widely recognised in academic and industry circles. As a researcher, she is known to be close to poultry producers.

Mr Gordon Butland (G&S Agriconsultants, Thailand)

China: Its influence on the global poultry industry

Born in 1940 in Plymouth, Devon, he qualified as an Associate of the Cost and Management Accountants in the UK in 1968. In 1966 Gordon moved permanently to Brazil and held senior financial management positions with the Anglo American Group in Brazil, and for the Coca Cola Company for South Latin America. He then moved into banking and in 1989 he started his association with Rabobank International. It was there that he initiated his contact with the poultry industry. In September 2004 he retired from Rabobank International and is concentrating on advisory assignments along the whole chain of the poultry industry, including genetics, feed, animal health, hatchery and slaughterhouse equipment companies as well as meat processors.

Laureate Professor Peter Doherty (University of Melbourne, Australia)

Avian Influenza

Professor Peter Doherty shared the Nobel Prize in Physiology or Medicine in 1996 with Swiss colleague Rolf Zinkernagel, for their discovery of how the immune system recognises virus-infected cells. He was Australian of the Year in 1997, and has since been commuting between St Jude Children's Research Hospital in Memphis and the Department of Microbiology and Immunology at the University of Melbourne. His research is mainly in the area of defence against viruses. He regularly devotes time to delivering public lectures, writing articles for newspapers and magazines and participating in radio discussions. Professor Doherty is the first person with a veterinary qualification to win a Nobel Prize.

Dr Tim Doran (CSIRO Livestock Industries, Australia)

Innovative biotechnologies in the poultry industry

Tim completed his PhD in 1993 at CSIRO Division of Animal Health and the Department of Microbiology, Monash University. He then took on a Post-Doctoral Fellowship at St George's Hospital Medical School in London, where he was awarded the Richard Merkall Fellowship for his outstanding research on paratuberculosis. In 1996 Tim returned to CSIRO Livestock Industries and was the inaugural winner of the 2001 AFFA Science Award for Young People. He is currently project leader of RNAi Technologies at the Australian Animal Health Laboratory. His research team is applying RNAi gene silencing technology to control viral infection in livestock.

Dr Robert Etches (Origen Therapeutics, USA)

Progress in the development of transgenic chickens

Rob Etches has worked in the field of avian genetics and reproduction throughout his career as an academic and industrial scientist. Dr Etches received his Bsc (Agr) at the University of British Columbia, his MSc from McGill University and his PhD and DSc degrees from the University of Reading. Between 1975 and 2000, Dr Etches held various academic appointments in the Departments of Animal Science and Zoology at the University of Guelph. In 1998, Dr Etches was appointed as the Vice President, Research of Origen Therapeutics to lead the development of avian embryonic stem cell and primordial germ cell technology for pharmaceutical and agricultural applications. Dr Etches is the author of 4 books, 34 chapters in books, 123 scientific papers, 30 articles in the popular press, two patents and several patent applications.

Dr David Farrell (University of Queensland, Australia)

The future eaters

David Farrell held a personal chair at the University of New England until 1994; was awarded the degree of Doctor of Rural Science in 1984, and is a Fellow of the Australian Society of Animal Production. He has researched and published extensively in poultry science and is now concerned with what the future holds for mankind, including the food and feed supply, and the deteriorating environment.

Dr John R Glisson (University of Georgia, USA)

From Pasteur to genomics: past, present and future control of poultry disease

Dr Glisson is a Professor in the Department of Population Health, College of Veterinary Medicine, University of Georgia, Athens, Georgia, USA. He currently serves as Head of the Department and Director of the Poultry Diagnostic and Research Center. His research career focused on infectious diseases of poultry, specifically bacterial diseases. Dr Glisson works closely with the USA poultry industry on issues of disease control and prevention. He has devoted much of his career to training veterinarians to become poultry veterinarians through the Master of Avian Medicine degree program.

Professor Dr John Hodges (Austria)

Future prospects in poultry production

Professor Dr John Hodges was responsible at the Food and Agriculture Organization of the United Nations in Rome for genetic programs for the improvement of farm animals in the developing world and for the conservation of animal biodiversity. Previously he was Professor of Animal Genetics at the University of British Columbia, Canada and earlier was a faculty member at Cambridge University. He also served in agribusiness as Head of the Production Division of the Milk Marketing Board of England and Wales. He has degrees in Agriculture (Reading), Animal Production (Cambridge), Animal Genetics (Reading) and Business Administration from the Harvard Business School. He was born in the UK and now lives in Austria. He is an author and speaker on ethics, genetics and values in agriculture and the food chain.

Dr Lekh Juneja (Taiyo Kagaku, Japan)

Recent technologies in the development and use of egg components

Dr Lekh Juneja is an Executive Vice President of Taiyo Kagaku Co., Ltd., Japan. He is also Chairman of Taiyo Lucid Pvt. Ltd., India. He obtained his PhD from Nagoya University, Japan. He is internationally acclaimed for developing various nutraceuticals and functional foods and has authored and co-authored over 200 research papers, reviews and more than 100 Japanese and international patents. He has edited the book on Hen Eggs: Their Basic and Applied Science by CRC Press. Dr Juneja is recipient of many international awards including IFT, FIE, and Nutracon Awards. He is a Fellow & Vice President of International College of Nutrition and also affiliated to several international societies and presented several invited lectures.

Professor Steve Leeson (University of Guelph, Canada)

Developments in poultry nutrition and management

Dr Leeson is currently Chair of Animal and Poultry Science at the University of Guelph. As a recognised authority in Poultry Nutrition, Dr Leeson has authored two books, 'Nutrition of the Chicken' and 'Commercial Poultry Nutrition' that have become the standards in teaching and commercial application. He has authored four other books, 320 papers in refereed journals, and made over 500 presentations at various meetings. He has received numerous industry, society and university research and extension awards.

Dr Pearse Lyons (Alltech Inc., USA)

Beyond the Horizon

Dr Pearse Lyons is founder and President of Alltech, a global bioscience company employing over 1,500 people in 85 countries. Dr Lyons received his BSc from the National University of Ireland in Dublin, and his MSc and PhD at the University of Birmingham. He later worked as a biochemist in Irish Distillers before founding Alltech in 1980. Today the company is one of the top 20 animal health companies in the world boasting group sales of approximately AUD300 million. Dr Lyons received the State Export Award for Kentucky and was acknowledged as the leader of one of the top 100 fastest growing high tech companies by World Trade Magazine. Dr Lyons has been recognised for his contribution to science and industry and has been awarded honorary doctorates from the University of Plymouth, Heriot-Watt University in Edinburgh, Scotland, and his alma mater, National University of Ireland, Dublin. Most recently he was recognised as one of the top 15 Irish American life scientists of the year by Biolink USA-Ireland. He has authored over 20 books and many research papers in scientific journals.

Dr James C McKay (EW Group, UK)

Developments in poultry breeding and genetics

Dr McKay received his BSc in Genetics and PhD in Population Genetics from the University of Edinburgh. He lectured in Genetics and Animal Breeding at Trinity College in Dublin, Ireland while researching quantitative and molecular genetics, followed by five years as Senior Scientific Officer at the Poultry Research Centre (later Roslin Institute). From 1989 he took on the role of Geneticist and Biotechnologist with Ross Breeders (now Aviagen Group), with responsibility for technologies in genetics and health including retrovirus eradication programs and welfare strategies. Dr McKay became Vice President for Science for the Aviagen Group of Companies in 2002, and following its purchase by the EW Group in 2005, was appointed as Science and Technology Coordinator. In 2007 Dr McKay was appointed Group Director for Science and Technology for the EW Group.

Professor John Webster (Bristol University, UK)

Welfare and the environment

John Webster is Professor Emeritus at the University of Bristol. On arrival at Bristol in 1977 he established a unit for the study of animal behaviour and welfare, which now is over 50 strong. He was a founder member of the Farm Animal Welfare Council and first propounded the 'Five Freedoms' which have gained international recognition as standards for defining the elements of good welfare in domestic animals. He is a former President of both the Nutrition Society and the British Society for Animal Science. His book 'Animal Welfare: A Cool Eye towards Eden' was published in 1994 and is still in print. Its successor, 'Animal Welfare: Limping towards Eden' appeared in 2005.