



December 2004

# DANDER

Published by The Australian Veterinary Poultry Association

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

## President's Report

The year 2004 has seen the further development of the AVPA as a significant body within the Australian Poultry Industry. Through its various committees our views and policies are presented to various organisations and regulatory authorities. This is important in times where community perceptions need to be modified by providing facts to allow a more objective appreciation of the poultry industry.

Two quality and well attended conferences were held, the AP5 Queensland in April and the Melbourne conference in October. These are to be followed by the AVPA conference in Sydney in February 2005 with the first day having a concurrent morning session with the APSS.

Members are requested to provide agenda items for the AGM to the secretary Jill Disint. All sub committee convenors are also requested to have their brief reports prepared for the AGM.

This AGM will be important to discuss our formalised association with the AVA particularly in regard to the status and requirements of associate members, the AVA constitution for Special Interest Groups (SIG's) and the request of the AVA to control AVPA financials.

This year has fortunately been free of any emergency avian diseases and I believe this has been achieved through the introduction of mandatory Newcastle Disease vaccination in the majority of states and also the industry reinforcement of biosecurity practises.

The ever-present threat of Avian Influenza has been met by the Australian Poultry Industry collaborating with government and health authorities in developing preventative programs and contingencies in the event of an outbreak. Australia is a world leader in the development of these operational procedures and it is further enhanced by our very capable scientific community.

We are also fortunate now to have a Poultry CRC which in conjunction with the Australian Egg Corporation and the Chicken Meat Research and Development Committee will allow the Australian Poultry Industry to maintain its well recognised position in avian research. The strengthening of research areas associated with the environment, education and welfare also improves the balance of research to meet the modern requirements of the poultry industry.

Hoping that the Christmas and New Year period provide us all with some pleasant times.

**Peter C. Scott**

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**MERRY CHRISTMAS & HAPPY NEW YEAR TO ALL AVPA MEMBERS**

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## AVPA Office Bearers 2004 - 2005

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President	Peter Scott	<pcscott@unimelb.edu.au>
Vice President	Andrew Turner	<ajturner@bigpond.net.au>
President Elect	Vacant	
Honorary Secretary	Jill Disint	<j.disint@unimelb.edu.au>
Honorary Treasurer	Amir Noormohammadi	<amirh@unimelb.edu.au>
AVA Policy Councillor	Peter Scott	<pcscott@unimelb.edu.au>
Website Co-ordinator	Graham Burgess	<graham.burgess@jcu.edu.au>
WVPA Bureau Member	Trevor Bagust	<trevorjb@unimelb.edu.au>
Editor Dander	Kevin Whithear	<kevingw@unimelb.edu.au>

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## AVPA Sub-Committee Convenors 2004 - 2005

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Importation & Exotic Diseases	George Arzey	<george.arzey@agric.nsw.gov.au>
Therapeutics	Tom Grimes	<tomgrimes1@bigpond.com>
Welfare	John Barnett	<john.barnett@nre.vic.gov.au>

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*The Australian Veterinary Poultry Association 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 Jill Disint, School of Veterinary Science, The University of Melbourne, 250 Princes Highway, Werribee 3030, Victoria, <j.disint@unimelb.edu.au>, fax 03 9731 2366.*

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## Summary of Upcoming Scientific Meetings

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**February 2005** *Australian Poultry Science Symposium.* Contact: Prof. T. Scott. Email: [toms@camden.usyd.edu.au](mailto:toms@camden.usyd.edu.au). February 7-9.

*AVPA Sydney Conference.* Contact A/Prof. K. Whithear. Email: [kevingw@unimelb.edu.au](mailto:kevingw@unimelb.edu.au). February 9-10. There will be a joint session with APSS on the morning of February 9.

**April 2005** *54th Western Poultry Disease Conference,* The Fairmont Hotel Vancouver, Vancouver, BC, Canada. Contact: Dr. R.P. Chin; Email: [rpchin@ucdavis.edu](mailto:rpchin@ucdavis.edu). April 25-27

**August 2005** *14th World Veterinary Poultry Congress & Exhibition,* Istanbul, Turkey. Contact: Congress organiser: IT Consortium, Mete Cad. 16/11, 34437 Taksim, Istanbul, Turkey. Phone: +90 212 244 71 71; Fax: +90 212 244 71 81; Email: [info@wvpc2005.org](mailto:info@wvpc2005.org). Website: [www.wvpc2005.org](http://www.wvpc2005.org). August 22-26:

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## Amir H. Noormohammadi appointed Senior Lecturer in Avian Medicine at the University of Melbourne

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AVPA member and Treasurer Dr Amir H. Noormohammadi has recently been appointed to the position of Senior Lecturer in Avian Medicine in the School of Veterinary Science at the University of Melbourne. Amir graduated MVSc from Tehran University in 1990 and PhD from the University of Melbourne in 1998. Amir has an international reputation as a researcher of avian mycoplasma infections and particularly the phenomenon of phase variable surface antigens of *Mycoplasma synoviae*. More recently, Amir and his colleagues have turned their skills to the molecular epidemiology of IBV and ILTV and developed PCR tests to distinguish strains of these viruses. These tests are currently available to the Australian poultry industry. Amir is a keen and talented teacher and a dedicated and capable avian pathologist. The University and the Industry should look forward to Amir's contributions to poultry science over coming years.

**Kevin Whithear**

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## MEMBERSHIP MATTERS

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Please note that AVPA Membership fees for 2005 are due on 31 January 2005. An application form is at the back of this issue of Dander. PLEASE GET OUT YOUR CHEQUE BOOKS NOW AND FORWARD A CHEQUE OF \$49.50 (including GST) TO THE AVPA TREASURER. DO NOT SEND YOUR AVPA SUBSCRIPTIONS DIRECTLY TO THE AVA OFFICE.

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### Membership List (as of 21 December 2004)

If your name has been inadvertently omitted from this list, please accept our apologies and contact the Membership Secretary <j.disint@unimelb.edu.au>

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**Financial Members:** Edla Arzey, George Arzey, Caroline Ash, Trevor Bagust, John Barnett, Susan Bibby, Doug Black, Glenn Browning, Wayne Bryden, David Buckley, Graham Burgess, Grant Campbell, Anthony Chamings, Harris Chow, Neil Christensen, Peter Claxton, Peter Coloe, Richard Coulter, Dana Cowan, Peter Cowling, Kim Critchley, Mike Cundy, Peter Curtin, Jules D'Assonville, Cameron Davidson, Susan Davidson, Andrew Demkowicz, John Dingle, Jill Disint, Laurie Dowling, Gordon Firth, Irene Gorman, Peter Gray, Tom Grimes, Peter Groves, David Hampson, Karl Harrigan, Leearne Hinch, Penelope Hocking, Clive Jackson, Rod Jenner, Noel Johnston, Bob Johnston, Brian Jones, Wayne Jorgensen, Roberta Kparthy, Vivien Kite, Sanjeev Kumar, Ramon Layton, Phil Lehrbach, Mark Lindsey, Margaret Mackenzie, Michael McDermott, Paul McQueen, Cemlyn Martin, Gina Micke, Krystina Minkiewicz, Linden Moffatt, Robert Morton, Andrew Munday, Alistair Murdoch, Amir Noormohammadi, Mike Nunn, Denise O'Rourke, Selina Ossedryver, John Owusu, Barry Philps, Sarah Plant, Rod Reece, Bruce Remington, Grant Richards, Simon Robinson, Ambrosio Rubite, Amir Saleem, Peter Scott, Yoni Segal, Margaret Sexton, Via Sfetsas, Joanne Sillince, Leslie Sims, Charissa Smith, Peter Spradbrow, Jillian Templeton, Andrew Thompson, Andrew Turner, Greg Underwood, Mustaphira Wafi, Stephen Walkden-Brown, Andrew Walsh, John Walters, Ben Wells, Mark White, Pam Whiteley, Kevin Whithear, Tim Wilson, Mary Young.

**Life Members:** Balkar Bains, Leon Barlow, Roger Chubb, Dinah Fry-Smith, Paul Gilchrist, Harvey Langford.

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

### AVPA Sustaining Members

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. We thank the following sustaining members for renewing their memberships for 2004.

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



Contact: Neil Cooper 0418 970 351 <[neil.cooper.nc@bayer-ag.de](mailto:neil.cooper.nc@bayer-ag.de)>

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

Contact: David Tinworth 0418 334 766 <[david.tinworth@bioproperties.com.au](mailto:david.tinworth@bioproperties.com.au)>

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Elanco Animal Health, Level 5, Avaya House, 123 Epping Road, Macquarie Park 2113 NSW. (02) 9878 7744

Contact: Jim Aspinall 0427 704 972 <[j.aspinall@lilly.com](mailto:j.aspinall@lilly.com)>

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Fort Dodge Australia Pty Ltd, PO Box 6024, Baulkham Hills 2157 NSW.

Contact: John Reeves 0412 264 497 <[reevesj@fortdodge.com.au](mailto:reevesj@fortdodge.com.au)>

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Inghams Enterprises Pty Ltd, Locked Bag 4000 Liverpool 1871 NSW, (02) 9602 8744

Contact: Kevin McBain

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Pace Farm, Locked Bag 800 Rooty Hill 2766 NSW (02) 9830 9800

Contact: Frank Pace [fpace@pacefarm.com](mailto:fpace@pacefarm.com)

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Rural and Commercial Projects, Unit 8, 5 Bent Street Coffs Harbour 2450 NSW.

Contact: 0427 438 388 [leonbarlow@bigpond.com](mailto:leonbarlow@bigpond.com)

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SPAFAS Aust Pty Ltd, PO Box 641 Woodend 3442 Victoria. (03) 5427 1466

Contact: Graham Murray 0418 325 769 <[spafas@ozemail.com.au](mailto:spafas@ozemail.com.au)>

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## Virginiamycin – Findings of APVMA Review

Tom Grimes, *Convenor AVPA Therapeutics Subcommittee*

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Following the recommendations of the JETACAR Report 1999, virginiamycin (a streptogramin antibiotic) underwent a special risk assessment review related to the potential of its use in food-producing animals to impair the efficacy of therapeutic antibiotics considered essential for treating important human infections.

Previously, in accordance with JETACAR recommendation 6, the scheduling of virginiamycin had been reviewed by the NDPSC resulting in all products containing virginiamycin being scheduled as S4.

The findings (84 page report) of the APVMA Review on the use of virginiamycin were published in November 2004. The main outcomes relating to poultry are:

Affirmation of the active constituent approval for virginiamycin and registration of products containing virginiamycin registered for the prevention of necrotic enteritis in chickens

Deletion of all label claims, indications and use patterns that pertain to growth promotion and/or improved feed conversion efficiency in chickens and turkeys

Addition of specific instructions and restraints on the label which will permit the use of virginiamycin in a broiler flock for up to 21 days for the prevention of necrotic enteritis caused by *Clostridium perfringens* with no repeat virginiamycin treatments permitted in that flock.

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## Permits for Use of Veterinary Medicines in the Egg Layer Industry Approved

Tom Grimes, *Convenor AVPA Therapeutics Subcommittee*

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The Australian Pesticides and Veterinary Medicines Authority (APVMA) has recently approved Permits to the Australian Egg Corporation Limited (AECL), the peak industry body for the Australian egg industry, for the use of specific products containing amoxicillin (Permit No. 7614), sulfadiazine, sulfadimidine, sulfaquinoxaline, trimethoprim (Permit No. 7615) and toltrazuril (Permit No. 7616) in the egg industry.

Products containing these actives have the Label Restraint "DO NOT USE in birds which are or may in the future produce eggs or egg products for human consumption".

Historical aspects of the actions that occurred in the last three years, which led to the approval of the above Permits, were detailed in a presentation at the AVPA meeting in Melbourne in October 2004.

Egg withholding periods on the Permits are 7 days in the case of specific products containing amoxicillin, 14 days in the case of the specific products containing sulfonamides and trimethoprim and 6 weeks in the case of Baycox. Thus these veterinary medicine products, which have registered claims related to poultry diseases, are now permitted for use with specified dose regimes during the rearing of egg layers following veterinary intervention when required for treatment of specified diseases. **If laying takes place within the withholding period, those eggs produced must not be used for human consumption or processing.**

Egg residue trial protocols must be submitted to the APVMA by AECL within 12 months and egg residue trials undertaken within the five-year Permit period.

Additional details and lists of products permitted in this way can be found on the APVMA website ([www.apvma.gov.au](http://www.apvma.gov.au), Search for a Permit).

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## Free Trade Agreements and Chicken Meat Trade

Selwyn Heilbron

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World chicken meat trade is substantially affected by subsidies and Sanitary and Phytosanitary (SPS) restrictions. Free trade agreements (FTAs), including the multilateral World Trade Organisation (WTO) agreement and ever-increasing number of bilateral FTAs, have potentially important implications for world chicken meat trade. Australia's participation in such agreements means they also have important potential implications for Australia's long-standing and WTO-legal quarantine restrictions on chicken meat imports.

Quarantine protection is not trade protection – under the WTO multilateral trade agreement it is every country's right to apply an appropriate level of quarantine protection. Bilateral FTAs have proliferated with different provisions on quarantine. Australia has signed bilateral FTAs with the USA and Thailand in the past year which have SPS provisions. In both cases there were pressures to weaken Australia's chicken meat quarantine restrictions. The agreements signed created new SPS committees which will enable pressure to continue being exerted on our restrictions. Next year will likely see negotiations for FTA's with China and ASEAN countries, and renewed negotiations in the WTO.

The Australian scientific community will need to play a key role in ensuring the Australian chicken industry's disease-free status is maintained in the context of pressures arising from Free Trade Agreements.

Dr Heilbron is a Melbourne-based economic and policy consultant.

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## New Project on Poultry Welfare

John Barnett *Animal Welfare Science Centre, DPI-Victoria*

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A current major weakness in establishing welfare standards is that there is no unanimously accepted definition of animal welfare. For example, an increasingly predominant European view, that has the support of most welfare groups worldwide, places more weight on the importance of 'normal' or 'natural' behaviour than the normal biological functioning of the animal. This arguably uncritical and subjective approach is likely to have a major impact on intensive livestock production and paradoxically may not improve animal welfare. The move towards less confined farming of pigs and laying hens is widespread even though some of the alternative more extensive systems are associated with increased or at least more variable aggression and mortality. The change to alternative housing systems for farm animals may not improve welfare but merely exchange one set of welfare problems for another, at least with the less developed alternatives.

Although there is no unanimously accepted definition of animal welfare, it is important for science to objectively identify situations that create serious welfare risks for animals. The two main approaches used to study animal welfare consist of identifying either those conditions that create biological dysfunction or those requirements (resources or behaviours) that animals show distinct preferences for. The rationale for the second approach is that animal choices may reflect animal emotions (or feelings) and/or motivations for important underlying requirements/needs. An examination of the rationale underpinning these two approaches suggests that a common element is that choice or preference testing measures motivations or feelings (which motivate behaviour) and that these motivations or feelings reflect important biological requirements of the animal (ie. optimise their fitness such as growth, reproduction, injury status, health and survival). Thus these two approaches may be able to be integrated into one welfare concept and thus one approach to welfare assessment.

The proposed poultry research (funded by the Australian Poultry CRC) is to expand a recently commenced collaborative project in the Animal Welfare Science Centre (funded by Victorian Government's 'Our Rural Landscape' initiative) and CSIRO's Livestock Industries Division to examine in pigs and sheep whether the two approaches to welfare assessment (biological functioning and animal preferences) are telling us the same thing. The initial focus of the poultry research will be to determine a methodology for testing long-term preferences in laying hens. The criterion of success for this methodology will be the repeatability of choices within hens and variability in choices between hens. Subsequently, this methodology will be used to compare the two main approaches to welfare assessment. Thus, this research with animal models across industries will provide an understanding of the relationship between fundamental biological requirements and preferences of animals with the opportunity to integrate these two approaches into a single animal welfare model that incorporates these two concepts of animal welfare. Such knowledge is essential in the development of a well-accepted methodology or methodologies. The finding that the resources that are most preferred by animals are the same resources that animals, when deprived of them, show the most extreme attempts to cope and adapt, would indicate that both approaches are valuable and complementary in assessing welfare.

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## The AVPA Therapeutics Subcommittee – A brief history, with special thanks to its Convenor, Tom Grimes

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At the AGM in Surfers Paradise, Tom Grimes, Convenor of the Therapeutics Sub-Committee, indicated that he would remain Convenor until next AGM when he would step down from the position. Tom has provided exceptional leadership in the therapeutics area for AVPA, the poultry industry and all veterinarians who value the benefits of antibacterials.

The current AVPA Therapeutics Sub-Committee was established by the Executive on 29 January 1991 because a "number of important and controversial issues relating to the use of therapeutic agents in poultry had arisen". Tom was elected as Convenor. At the 1992 AGM, the then WP was upgraded to a Standing Committee. Somewhere along the line, this committee became the AVPA Therapeutics Sub-Committee, perhaps when other Sub-Committees were formed.

The issues at the time of establishment were the pending banning of nitrofurans, dimetridazole (DMZ) and sulpha drugs including trimethoprim. Nitrofurans were subsequently banned, despite considerable input by the Sub-Committee, but DMZ was saved by being scheduled as S4 as were most of the sulphonamides used in the poultry industry. Updating the Code of Practice for Antibiotic Use, originally compiled in 1987, was also a major task for the Sub-Committee.

The Terms of Reference from the outset were "To handle any matters relating to the use of therapeutic agents which were referred to the AVPA by the AVA, Governments or members. Recommendations, policy statements and responses are to be ratified by the Executive prior to release". The "Sub-Committee" was to report by providing verbal and written reports to AVPA meetings and written reports submitted to Dander. Initially the Sub-Committee operated by meeting (all members were based in Sydney) and by the Convenor's participation in the AVA Therapeutics Advisory Committee and the Veterinary Chemicals Consultative Committee, the forerunner of the Industry Technical Committee of the APVMA

Tom has gathered and provided the poultry industry viewpoint in this changing regulatory framework while maintaining a responsible and defensible position that veterinarians and the poultry industry can be proud of. Tom was a central person arguing for the responsible and prudent use of antibiotics in animals in JETACAR, the national committee that produced the report on "*The use of antibiotics in food-producing animals; antibiotic-resistant bacteria in animals and humans.*"

Tom did not want the future vacancy of Convenor, Therapeutics Sub-Committee, to be publicised until this issue of Dander as he is intending to officially step down at the next AGM meeting of AVPA in February. The poultry industry and veterinarians have much to thank Tom for in his work as Convenor of the Therapeutics Sub-Committee over a long period of time.

The current members of the Therapeutics Sub-Committee are T Grimes (Convenor), C Jackson, P Groves, R Jenner, S McGoldrick and R Johnston.

In stepping down as Convenor, there is a need to identify a new Convenor and Executive Committee is seeking expressions of interest from someone to undertake this position. The position entails liaison with the chicken meat and egg laying industries and with APVMA, AVA Therapeutics Advisory Committee and other interest groups in working to ensure that efficacious medicines and chemicals are available to the poultry industries. Expressions of interest or nominations should be sent to Hon Secretary Jill Disint at e-mail [j.disint@unimelb.edu.au](mailto:j.disint@unimelb.edu.au) by 30 January 2004.

**Andrew Turner**

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## Alfracon to become re-available in 2005

Tom Grimes *Convenor Therapeutics SubCommittee*

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Novartis Animal Health has advised that Alfacron (azamethiphos), the only remaining useful insecticide for control of poultry lice and mites in Australia, will again become available in May 2005 following overwhelming global customer demand. Supplies will be limited while Novartis Animal Health continues to explore global opportunities to divest the product.

Novartis Animal Health has also advised that Larvadex (cyromazine), an in-feed medication for control of fly larvae in faeces of layers (Nil withholding period for eggs), breeders and broilers (3 days withholding period for meat), is now registered for sale in Australia (see [www.apvma.gov.au](http://www.apvma.gov.au) for Label Details).

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## Psittacid Herpes virus and poultry

George Arzey, *Convenor AVPA Importation and Exotic Diseases Subcommittee*

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Relax; this is not a new disease of poultry!

The virus is associated with Pacheco's disease (PD) a disease that was first identified in Amazon parrots. Natural cases have since then been reported in a variety of captive and Psittacine birds in quarantine in many parts of the world, including NZ.

The disease can be insidious in nature. Why should we worry about it?

When the benefit of hindsight is applied, the Psittacid virus perhaps demonstrates the follies of risk assessment and importation protocols all over the globe.

Risk assessment is largely based on known facts at the time it is conducted. It also relies on available diagnostic techniques.

In 1993, the first case of Psittacine Proventricular Dilatation syndrome was diagnosed in a Green Wing Macaw within 3 weeks of its release from quarantine in Spotswood Victoria.

The etiological agent is not known but believed to be a neurotropic virus (AVJ Vol 75 N<sup>o</sup> 9 page 674).

In 1997, the AVJ (Vol 75 N<sup>o</sup> 9 page 675-676) reported the finding of Internal Papilloma Disease (IPD) in Green Wing Macaws legally imported into Australia from the UK in 2 separate consignments.

This disease was also first reported in Psittacines imported from South America into the USA. The etiological agent of this disease was not identified. The infected Macaws already released from quarantine lived happily ever after.

Australia still clutched to the belief that it was free from Pacheco's disease (PD).

Recent scientific papers suggest a strong association between Internal Papilloma Disease (IPD) and Pacheco's Disease. IPD is now believed to be a sequel of inapparent infection with Psittacid Herpes virus, the etiological agent of Pacheco's disease.

An interesting twist-IPD discovered in Australia in imported birds as early as 1997 is a chronic manifestation of PD that until recently was believed not to be present in Australia.

The follies of risk assessment associated with importation of stock into Australia must be considered in the context of the wider importation issues and perhaps there is a lesson here even for the incurable optimist.

The positive side of this story is that since IPD is a chronic manifestation of PD, only Psittacine Proventricular Dilatation syndrome and one other (not 2 other) exotic diseases have been introduced into Australia.

Thus, the statistics look better once IPD is accepted as a chronic manifestation of PD but what other statistics of disease introductions are we likely to discover in 10-12 years?

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# Australian Veterinary Poultry Association

## Annual General Meeting

To be held Wednesday the 9<sup>th</sup> of February, 2005 approximately 5.30 pm

Webster Theatre, University of Sydney

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### AGENDA

#### Apologies:

#### Minutes of the last OGM/AGM:

The last OGM was held in November 2004 in Melbourne. Minutes will be provided at the Meeting.

The last AGM was held in Surfers Paradise in 2004. Minutes were published in the June 2004 edition of Dander. Please bring these Minutes to the meeting.

#### Matters arising from the minutes:

Student scholarship program

Membership categories

#### President's report: Peter Scott

#### Treasurer's report: Amir Noormohammadi

AVPA account holding (AVA)

#### Convenors reports

1. Importation and exotic diseases: George Arzey
2. Therapeutics: Tom Grimes
3. Welfare: John Barnett
4. WVPA: Trevor Bagust
5. Dander: Kevin Whithear
6. Website: Graham Burgess

#### Election of office bearers

President

President elect

Secretary

Treasurer

Assistant Secretary

Importation subcommittee convenor

Therapeutics subcommittee convenor

Welfare subcommittee convenor

WVPA Bureau Member

Website co-ordinator

Editor of Dander

Scientific Meeting organiser, November, 2004; Melbourne

#### Correspondence

#### General business

#### AVPA constitution (AVA SIG format)

#### Date of next meeting



## Treasurer's Report

<p>The AVPA currently holds 3 financial accounts (Table 1). The sum of \$10,742.32 deposited as a term deposit at National Australia Bank will receive an interest of \$171.04 (at an interest rate of %3.90 p.a.) on maturity date, 28/4/2005. The sum of \$39,842.34 invested at GE money (formerly as AGC) accumulates interests on a monthly basis at an interest rate of %3.45 p.a. till 31/12/2010.</p>	<p><b>Table 1. Current Assets - as at November 2004</b></p> <table border="1"> <tr> <td>National Australia Bank - Saving Account</td> <td>\$19,176.39</td> </tr> <tr> <td>National Australia Bank - Term Deposit (incl. interest)</td> <td>\$10,742.32</td> </tr> <tr> <td>GE Money - Investment Plan (incl. interest)</td> <td>\$39,842.34</td> </tr> <tr> <td><b>Total</b></td> <td><b>\$69,761.05</b></td> </tr> </table>	National Australia Bank - Saving Account	\$19,176.39	National Australia Bank - Term Deposit (incl. interest)	\$10,742.32	GE Money - Investment Plan (incl. interest)	\$39,842.34	<b>Total</b>	<b>\$69,761.05</b>					
National Australia Bank - Saving Account	\$19,176.39													
National Australia Bank - Term Deposit (incl. interest)	\$10,742.32													
GE Money - Investment Plan (incl. interest)	\$39,842.34													
<b>Total</b>	<b>\$69,761.05</b>													
<p>The main expenditures in 2004 (Table 2) were related to scientific meetings AP5 and AVPA held in Gold Coast and Melbourne respectively. Costs associated with the scientific meeting in Melbourne (October) were function venue package of \$5,823 (included meals other than dinner) audiovisual and other equipment hire (1,050\$), dinner (\$3,450), proceedings (\$525.36), name tags (\$17.50) and cash for change (\$100). Expenses listed under "others" mainly included payments to WVPA as membership fees (\$1,677), accounting expense (1,125\$), deposit for the AVPA meeting in Sydney 2005 (\$500) bank charges and postage.</p>	<p><b>Table 2. Expenditure 2004 - as at November 2004</b></p> <table border="1"> <tr> <td>AVPA Scientific meeting Gold Coast*</td> <td>\$11,425.75</td> </tr> <tr> <td>AVPA Scientific meeting Melbourne</td> <td>\$10,965.86</td> </tr> <tr> <td>AVA</td> <td>\$955.85</td> </tr> <tr> <td>Dander</td> <td>\$1,200.00</td> </tr> <tr> <td>Others</td> <td>\$3,745.19</td> </tr> <tr> <td><b>Total</b></td> <td><b>\$28,292.65</b></td> </tr> </table> <p>*(excluding expenses incurred in 2003)</p>	AVPA Scientific meeting Gold Coast*	\$11,425.75	AVPA Scientific meeting Melbourne	\$10,965.86	AVA	\$955.85	Dander	\$1,200.00	Others	\$3,745.19	<b>Total</b>	<b>\$28,292.65</b>	
AVPA Scientific meeting Gold Coast*	\$11,425.75													
AVPA Scientific meeting Melbourne	\$10,965.86													
AVA	\$955.85													
Dander	\$1,200.00													
Others	\$3,745.19													
<b>Total</b>	<b>\$28,292.65</b>													
<p>The AVPA earned a sum of \$40,696.43 in 2004. This mainly consisted of membership fees and income related to two AVPA scientific meetings (Table 3). Membership fees were received from 94 ordinary members and 7 sustaining members. The income related to the AVPA scientific meeting in October (Melbourne) mainly consisted of registration fees and sponsor's contributions.</p> <p>Further details on financial matters are available upon request.</p>	<p><b>Table 3. Income 2004 – as at November 2004</b></p> <table border="1"> <tr> <td><b>Membership fees</b></td> <td>\$68380.80</td> </tr> <tr> <td>AVPA Scientific Meeting Gold Coast*</td> <td>\$20,198.40</td> </tr> <tr> <td>AVPA Scientific Meeting Melbourne</td> <td>\$13,666.50</td> </tr> <tr> <td>Interest – savings account</td> <td>\$0.73</td> </tr> <tr> <td><b>Total</b></td> <td><b>\$40,696.43</b></td> </tr> </table> <p>*(excluding income in 2003)</p>	<b>Membership fees</b>	\$68380.80	AVPA Scientific Meeting Gold Coast*	\$20,198.40	AVPA Scientific Meeting Melbourne	\$13,666.50	Interest – savings account	\$0.73	<b>Total</b>	<b>\$40,696.43</b>			
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AVPA Scientific Meeting Melbourne	\$13,666.50													
Interest – savings account	\$0.73													
<b>Total</b>	<b>\$40,696.43</b>													

Amir H. Noormohammadi Treasurer

## AVA New Graduate Guide

"In recognition of the challenges our newest veterinarians face in their formative working years, AVA is always keen to find ways in which to offer support. Central to this support is the **AVAs New Graduate Guide**. The Guide has been specifically designed to educate new graduates about: the range of career options available to them, getting started in the profession, support networks available and further educational opportunities." The following is the contribution made by AVPA to the New Graduate Guide — **Veterinarians and the Poultry Industry**.

The Australian chicken industry is divided into chicken meat and egg production sectors producing around 450 million broiler chickens and 220 million dozen eggs, respectively, per annum. While the industry has been a leader in the use of highly efficient intensive production systems, there is also an increasing market for chicken meat and eggs produced under barn and free-range conditions. There are also smaller industries supplying turkey, duck and game bird products. Each provides common and unique challenges for the veterinarian in terms of disease prevention and control and maintaining high standards of bird welfare, food safety and product quality.

Despite the size and value of the Australian poultry industry there are relatively few veterinarians employed directly by the industry, although there are others involved in various supporting roles such as the pharmaceutical and biologicals industries, in diagnostic laboratories and in research. The recent establishment of the Australian Poultry CRC has provided new opportunities for veterinary graduates who may be interested in poultry research and the career opportunities that obtaining a higher qualification can provide. Veterinary graduates who are interested in scholarship opportunities for postgraduate research related to poultry should contact Associate Professor Kevin Whithear, email: [kevingw@unimelb.edu.au](mailto:kevingw@unimelb.edu.au).

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Veterinarians working for major broiler producing companies in Australia would typically control the production of 50 million broilers per year. Their activities range from overseeing the health and production of broiler breeders through to hatcheries and the grow-out and processing of broiler chickens. Experienced veterinarians also have opportunities for management roles that control important aspects of poultry production. A veterinarian with the necessary knowledge and skills can expect to earn an annual salary commencing around \$50,000 and increasing to over \$100,000, commensurate with level of responsibility.

The AVPA has the purpose of fostering the application of good veterinary science in the Australian poultry industry and does this through scientific meetings and providing expert advice on poultry health and welfare issues as they arise.

Opportunities for practical field experience for undergraduates in poultry medicine are relatively limited in most veterinary curricula. To provide opportunities for students with an interest in poultry, the AVPA has established annual scholarship awards of \$1,000 for each of the 5 veterinary schools in Australia and New Zealand. The aim of the scholarships is to provide students with the opportunity to obtain practical experience in poultry medicine and an understanding of the role of the veterinarian in the modern poultry industry. It is the intention that this exposure may stimulate interest by awardees in pursuing poultry medicine as a future career option.

To discuss these undergraduate scholarships, or any other poultry matters, please refer to the Service Directory for AVPA contact details.

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## Announcement of AVPA Scholarships

### Poultry Medicine Elective for Final Year Veterinary Students at the University of Melbourne in 2005

Opportunities for practical field experience for undergraduates in poultry medicine are relatively limited in most veterinary curricula. To provide opportunities for students with an interest in poultry, the AVPA has established annual scholarship awards of \$1,000 for each veterinary student chosen to undertake Poultry Medicine as a subject for his/her electives. This is up to a total of \$5000 for annual allocation nationwide. The aim of the scholarships is to provide students with the opportunity to obtain practical experience in poultry medicine and an understanding of the role of the veterinarian in the modern poultry industry. It is the intention that this exposure may stimulate interest by awardees in pursuing poultry medicine as a future career option.

Students admitted to the Poultry Medicine elective, will spend their time in each of the following three areas.

**Poultry Fieldwork (1 week).** Working with a veterinarian in poultry practice, undertaking disease, management and nutritional investigations and manipulations.

**Poultry Specialist Work (1 week).** Working with professionals providing specialist services to the poultry industry. A range of operations including broiler breeder, broiler, commercial layer, free range, hatchery, feed meal, turkey and duck, may be visited during this week.

**Poultry Pathology & Research (1 week).** Working with the diagnostic pathology sections at Melbourne University and PIRVic observing and taking part in the clinical, pathological and microbiological examinations of diseased poultry. The research work being undertaken involves disease investigations and poultry management and/or nutrition.

Students should keep a daily diary of activities covered and information gained. A three-week diary will be provided. Students are also required to provide a one-page summary of the impact this elective has had on their views of the poultry practice in the three work areas.

**Enquiries/Application.** For further information or application for scholarship should be directed to Dr Peter Scott ([pcscott@unimelb.edu.au](mailto:pcscott@unimelb.edu.au)).

**Editors Note:** Dander readers might remember the reports published in Dander by Ashwari Pathy and Harris Chow of their very positive experiences doing this elective in 2003. No students applied for scholarships in 2004. As yet, no other veterinary schools in Australia or New Zealand have taken up the AVPA's offer to provide scholarships for students to gain extramural experience in poultry medicine.

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## Update on WVPA Conference Istanbul 22-26 August 2005

The Second Conference Announcement has recently been made and is available as pdf on the AVPA website <<http://www.jcu.edu.au/school/bms/avpa>>. See also the WVPA Conference website [www.wvpc2005.org](http://www.wvpc2005.org), for regular conference updates.

The Second Conference Announcement contains just about everything you need to know about the SCIENTIFIC and SOCIAL PROGRAMS, as well as ACCOMMODATION, REGISTRATION FORMS & FEES and LOCAL TOURS PRE and POST CONGRESS are also well covered.

Alternatively, if you'd like the whole 26 or so pages (1.6 MB) delivered directly on to the padded screen of your reclining computer, just send me an email I will shoot you the whole PDF portfolio of information — free of charge!

The only other WVPA Bureau Information of note just at present (see <<http://www.wvpa.net>>), is that of the 14 Houghton Grants awarded recently to assist scientists less than 35 years of age to attend conferences or undertake training, 2 have gone to Australia!

**Trevor Bagust, WVPA Bureau Member**

## AVPA Scientific Meeting Sydney 2005 — Healthy Chickens - Quality Product

Wednesday 9 February and Thursday 10 February

Webster Lecture Theatre, Faculty of Veterinary Science, The University of Sydney

The scientific program is currently being arranged but will include the Session topics listed in the Tables below. Note that there will be a joint session with APSS on the morning of 9 February. The AVPA Conference will conclude at 3.10 pm on Thursday 10 February. The Conference Dinner will be held in the Holme and Sutherland rooms, University of Sydney commencing at 7.30 pm on Wednesday 9 February.

Your Conference Registration Form is on the next page of Dander.

### DRAFT SCIENTIFIC PROGRAM

#### Wednesday 9 February

Time	Topic	Speaker
0730	<b>Registration</b>	
0830	<b>Joint Session with Australian Poultry Science Symposium</b>	
0830	CRC Program	Bob Hughes et al (Poultry CRC)
0915	The social life of the Australian chicken	Jane Dixon (ANU)
1000	To be advised	Paul Meggison
1045	<b>Morning Tea</b>	
11.15	<b>Joint Session with Australian Poultry Science Symposium</b>	
1115	An update on avian influenza	Andrew Turner
1200	The changing nature of food borne pathogens: a bird's eye view how these may impact on food safety and the poultry industry	Peter Coloe (RMIT)
1245	Close of APPS 2005	
1300	<b>Lunch</b>	
1400	Welcome and Opening of AVPA Scientific Meeting by AVPA President	
14.10	<b>Food Safety — Current Issues and Research</b>	
1530	<b>Afternoon Tea</b>	
Session 4	<b>Food Safety — Current Issues and Research</b>	
1730	<b>OGM/AGM</b>	Peter Scott, President AVPA
1930	<b>AVPA Conference Dinner</b>	

#### Thursday 10 February

Time	Topic	Speaker
0900	<b>Latest from research labs</b>	
1050	<b>Morning Tea</b>	
11.20	<b>Latest from research labs</b>	
1250	<b>Lunch</b>	
1350	<b>Case Reports</b>	
1510	<b>Close</b>	

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The Australian Veterinary Poultry Association

**REGISTRATION FORM**

**TAX INVOICE**

**ABN 63 008 522 852**

**Australian Veterinary Poultry Association**

**Sydney Scientific Meeting: 9<sup>th</sup> – 10<sup>th</sup> of February, 2004**

**Conference registration:** Wednesday the 9<sup>th</sup> of February, 7.30 – 8.30 am.

**Conference:** Wednesday the 9<sup>th</sup>, 8.30 am – 1.00 pm in Joint Session with Australian Poultry Science Symposium, Wednesday the 9<sup>th</sup>, 2.00 pm – 5.30 pm and Thursday the 10<sup>th</sup>, 9 am to 3.10 pm

**Conference location:** Webster Lecture Theatre, Faculty of Veterinary Science, The University of Sydney

**Attendance fees:** \$110 (inc. GST) for members and \$132 (inc. GST) for non-members

**Student rate:** \$55 (inc. GST) – available to full-time undergraduates and post-graduates

**Names:** \_\_\_\_\_  
\_\_\_\_\_

**Organisation:** \_\_\_\_\_  
\_\_\_\_\_

**Conference dinner:** Holme and Sutherland rooms, University of Sydney

**Time:** 7.30pm, Wednesday the 9<sup>th</sup> of February

**Cost:** \$80 (inc. GST) per person

**Please advise if you have any special dietary requirements.**

**Payment totals:**

Item	Fee	Number attending	Total
Conference (Member rate)	\$110.00		
Conference (Non-member rate)	\$132.00		
Conference (Student rate)	\$55.00		
Dinner	\$80.00		
<b>TOTAL</b>			

All prices are GST inclusive

**Please return completed form by Friday February the 4<sup>th</sup> as final numbers are required by the venue two days prior to the event**

**Payment of registration fee and dinner:**

Prepayment can be made by sending cheques payable to the Australian Veterinary Poultry Association to Amir H.Noormohammadi, Veterinary Science Department, University of Melbourne, 250 Princes Highway, Werribee, 3030.

Payment can also be made at the meeting by **CASH or CHEQUE** only.

Registration will commence at 7.30 am on Wednesday the 9<sup>th</sup> of February.

**AVPA use only**

**PAYMENT RECEIVED WITH THANKS**

**DATE** \_\_\_\_\_

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The Australian Veterinary Poultry Association

**Tax Invoice**

**ABN: 63 008 522 852**

**Application for New or Continuing Membership**

Please note – continuing members need only complete details if these have changed

**Name:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**Employer:** \_\_\_\_\_

**Fax:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Mobile:** \_\_\_\_\_

\_\_\_\_\_

**Email:** \_\_\_\_\_

\_\_\_\_\_

**Qualifications:** \_\_\_\_\_

**Special Interests:** \_\_\_\_\_

Are you a member of the Australian Veterinary Association? YES/NO

(Note: Membership of AVPA does not provide membership of AVA).

**\*Membership fees are due by the 31<sup>st</sup> of January, 2004.\*  
The annual membership fee is \$49.50 (inc GST) for individuals.**

Please find enclosed cheque made out to the Australian Veterinary Poultry Association for the current year.  
PLEASE NOTE: DO NOT SEND AVPA MEMBERSHIP FEES DIRECTLY TO THE AVA OFFICE. THEY SHOULD ONLY BE SENT TO THE AVPA TREASURER

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Please return the completed form to:  
**Dr Amir H.Noormohammadi**  
The Treasurer  
Australian Veterinary Poultry Association  
250 Princes Highway, Werribee  
VIC, 3030