



Avian Health Research Unit, Department of Veterinary
Medicine, Faculty of Veterinary Science, Chulalongkorn
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Curriculum Vitae

Name: Assoc.Prof.Dr. Niwat Chansiripornchai

Citizenship: Thai

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https://www.researchgate.net/profile/Niwat_Chansiripornchai

Place and date of Birth: Bangkok, Thailand; 2nd June 1969

Religion: Buddhism

Sex: Male, Married

Languages: Thai : excellent; English : good

Degrees : D.V.M.

- Chulalongkorn University, Bangkok, THAILAND, 1993
- : M.Sc. (Molecular Microbiology and Epidemiology)
Swedish University of Agricultural Sciences (SLU), Uppsala, SWEDEN, 2000
- : Ph.D. (Infectious Diseases and Immunology)
Utrecht University, Utrecht, THE NETHERLANDS, 2004
- : Diploma, Thai Board of Veterinary Medicine, 2015

Training experience

- : 1994 Certificate in Applied Epidemiology, Faculty of Medicine,
Chulalongkorn University, Bangkok, Thailand
- : 1997 Certificate in Research Methodology in Veterinary Medicine,
Chulalongkorn University, Bangkok, Thailand
- : 1998 Certificate in Molecular Biology in Veterinary Science, SLU, Sweden
- : 1998 Certificate in Immunocytochemistry and *In Situ* Hybridization,
SLU, Sweden
- : 1998 Certificate in Statistics for Animal Scientists, SLU, Sweden
- : 1998 Certificate in Light and Electron Microscopy, SLU, Sweden
- : 1998 Certificate in RIA and ELISA techniques in Microbiology and
Endocrinology, SLU, Sweden





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- : 2001 Certificate in Diagnostic Pathology of Pet Avian and Exotic Animals, Utrecht University, The Netherlands
- : 2002 Certificate in Veterinary Epidemiology and Economics, Utrecht University, The Netherlands,
- : 2002 Certificate in Molecular Biology and Recombinant DNA technology, Utrecht University, The Netherlands,
- : 2005 Certificate of Training workshop on Epizootic Emergency Response and Preparedness, Chiang Mai University, Thailand
- : 2006 Certificate in Medical Research, Data Management and Advanced Statistics, Institute of Medical Science, Chulalongkorn University, Bangkok, Thailand
- : 2007 Certificate of Training on Animal Experimentation for Scientific Purposes. Chulalongkorn University, Bangkok, Thailand
- : 2009 Certificate of Sampling Techniques and Laboratory Diagnosis of *Salmonella* in Poultry, WHO GFN, Bangkok, Thailand
- : 2010 Certificate of Data Analysis by R Program, Bangkok, Thailand
- : 2012 Certificate of Histopathological Techniques in Routine and Research, Mahidol University, Bangkok, Thailand
- : 2014 Certificate of Animal Nutrition: Principle and Feed Formulation. Kasetsart University, Bangkok, Thailand
- : 2015 Certificate of Animal use license for scientific purpose. Institute of Animals for Scientific Purpose Development, Bangkok, Thailand
- : 2018 Certificate of Statistics for Biology and Medicine. Institute of Animals for Scientific Purpose Development, Bangkok, Thailand

Thesis

- : Niwat Chansiripornchai. 2000. Evaluation of Random Amplified Polymorphic DNA (RAPD) Technique and its possible use for Molecular Epidemiology studies of Avian Pathogenic *Escherichia coli* (APEC). Swedish University of Agricultural Sciences, Uppsala, Sweden. p. 1-41.
- : Niwat Chansiripornchai. 2004. Molecular Interaction of *Ornithobacterium rhinotracheale* with Eukaryotic cells. Utrecht University, Utrecht, The Netherlands. p. 1-86.

Royal Decorations

- : 1998 Commander (Third Class) of the Most Noble Order of the Crown of Thailand
- : 2000 Commander (Third Class) of the Most Exalted Order of the White Elephant
- : 2004 Knight Commander (Second Class) of the Most Noble Order of the Crown of Thailand
- : 2009 Knight Commander (Second Class) of the Most Exalted Order of the White Elephant
- : 2012 Knight Grand Cross (First Class) of the Most Noble Order of the Crown of Thailand
- : 2016 Knight Grand Cross (First Class) of the Most Exalted Order of the White Elephant

Awards and Distinctions

- : 1988-1993 Top 10 awards for veterinary students at Chulalongkorn University
- : 1998-2000 A scholarship of STINT foundation for M.Sc. degree, Swedish University of



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- Agricultural Science, Sweden
: 2000-2004 A scholarship of Utrecht Scholarship Program for Ph.D. degree, Utrecht University, The Netherlands
: 2013 The good alumni award of Rachawinit Pratum Bankae School
: 2013-2014 Charge De Mission: World Organisation for Animal Health (OIE), Paris, France
Supported by Prince Mahidol Award Foundation

Academic position: Instructor, 1993

Assistant Professor, 1998
Associate Professor, 2007

Administrative position:

Assistant Dean for Veterinary Student training center, 2005-2009
Chairman of Graduate program in Veterinary Medicine 2010-2013
Editorial Board: Journal of Veterinary Sciences and Medicine 2018-present
President of Thai Association of Veterinary Laboratory diagnosticians (TAVLD) 2019-present

Professional Affiliation:

- Founding Member of Thai Board of Veterinary Medicine
- Member of the Veterinary Council of Thailand
- Chulalongkorn University Veterinary Alumni
- The Netherlands Alumni Association-Thailand
- The Thai Association of Veterinary Laboratory Diagnosticians
- Member of American Association of Avian Pathologist

Professional experiences:

- Teaching, research and academic services in Epidemiology and Avian Medicine at Faculty of Veterinary Science, Chulalongkorn University
- Visiting Professor at Faculty of Veterinary Medicine, Chiang Mai University
- Visiting Professor at Faculty of Agricultural Technology, King Mongkut's Institute of Technology Ladkrabang
- Visiting Professor at Nong Lam University, Ho Chi Minh city, Vietnam
- Invited speakers for Poultry diseases, Disease diagnosis, Epidemiology, Disease Prevention and Control for local and international agency
- Work as Poultry Vet Practitioner and epidemiologist
- Mentor of One Health Project: Chiang Mai team supported by USAID
- Charge de mission: OIE (World Organisation for Animal Health), Headquarter Paris, France, 2013-2014
- Collaborators for Vietnamese platform of antimicrobial reduction in chickens

Thesis Advisor:

1. Pohuang, T. 2006. Nucleotide analysis of the S1 gene and pathogenesis of the nephropathogenic infectious bronchitis virus isolated from chickens in Thailand. Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand; MSc thesis
2. Chukiatsiri, K. 2007. Efficacy of autogenous vaccine prepared from *Haemophilus paragallinarum*. Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand; MSc thesis



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3. Sarachai, C. 2007. Development and characterization of avian influenza H5N1 virosome. Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand; MSc thesis
4. Pohuang, T. 2010. Development of diagnostic method, molecular characterization and efficacy of infectious bronchitis virus vaccines in chickens in Thailand. Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand; PhD thesis
5. Chukiatsiri, K. 2012. Virulence factors of *Avibacterium paragallinarum* isolated from chickens in Thailand. Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand; PhD thesis
6. Rawiwet, V. 2012. Relationship between cell mediated and humoral immunity on the efficacy of immune complex vaccine against infectious bursal disease virus in broilers. Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand; MSc thesis
7. Kitprathaung, N. 2012. Effects of polysaccharide gel extracted from Durian *Durio zibethinus* fruit-rinds on immune responses in chickens and cholesterol quantity in chicken muscle. Faculty of Science, Chulalongkorn University, Bangkok, Thailand; PhD thesis
8. Bengtong, P. 2013. Typing of avian infectious bronchitis virus Thai-isolates and evaluation of vaccine efficacy to neutralized virus. Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand; MSc thesis
9. Nonkookhetkhong, T. 2013. Characterization of antimicrobial resistance genes and expression of Antimicrobial resistance in chickens of *Avibacterium paragallinarum*. Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand; MSc thesis
10. Sarueng, E. 2014. Efficacy and vaccination programs of live QX-like, infectious bronchitis (IB) vaccine against IB virus infection. Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand; MSc thesis
11. Hongprasertkul, P. 2016. Development of ELISA kit for antibody against *Avibacterium paragallinarum*. Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand; MSc thesis
12. Thomrongsuwannakij, T. 2017. Genetic diversity and prevention of *Campylobacter* spp. in broiler breeders and broilers. Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand; PhD thesis

Patent

Immunomodulating Polysaccharide Gel from Durian Fruit-Rind As Additive in Animal Feed.
Number : US2009/0250845 A1. Issue date : October 8, 2009

Books and book chapters (In Thai)

1. Niwat Chansiripornchai, 1995. Pain in Animals. Faculty of Veterinary Science, Chulalongkorn University, pp. 74.
2. Niwat Chansiripornchai, 1998. Diseases of Animal Endocrines. Faculty of Veterinary Science, Chulalongkorn University, pp. 123.
3. Niwat Chansiripornchai, 2006. Principles of Animal Disease Prevention and Controls. Faculty of Veterinary Science, Chulalongkorn University, pp. 105.
4. Niwat Chansiripornchai, 2006. Avian mycosis and Mycotoxicosis. Faculty of Veterinary Science, Chulalongkorn University, pp. 61.



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5. Niwat Chansiripornchai, 2007. Diseases of Water Fowl. Triranasarn Publishing., Bangkok, Thailand. pp. 136.
6. Niwat Chansiripornchai, 2007. Important Diseases of Avian. Faculty of Veterinary Science, Chulalongkorn University, pp. 61.
7. Niwat Chansiripornchai, 2008. Veterinary Epidemiology and Preventive Medicine. Triranasarn Publishing., Bangkok, Thailand. pp. 332.
8. Niwat Chansiripornchai and Wisanu Wanasawaeng, 2009. Avian Immune System and Serological Interpretation. Triranasarn Publishing., Bangkok, Thailand. pp. 194.
9. Niwat Chansiripornchai, 2011. Application of Drugs and Vaccines in Poultry. Triranasarn Publishing., Bangkok, Thailand. pp. 180.
10. Niwat Chansiripornchai, 2018. Veterinary Epidemiology and Preventive Medicine. 2nd Ed. Triranasarn Publishing., Bangkok, Thailand. pp. 318.

Research Interest Keywords: Avian Immunology, Avian Microbiology, Avian Pathology, Poultry Diseases, Veterinary Epidemiology

Research Grants:

1. The study of Seroprevalence of *Ornithobacterium rhinotracheale* in Thailand (Faculty of Veterinary Science, Chulalongkorn University)
2. *Ornithobacterium rhinotracheale* surveillance in Thai broilers and broiler breeders (Eli Lilly Asia Inc. – Thailand branch)
3. Adhesion and invasion abilities of *Salmonella* Enteritidis and the presence of the virulence genes (Thai government research grant)
4. The prevention of Salmonella infection in broilers by using competitive exclusion isolated from Japan and Thailand (ITOCHU Corporation and ITOCHU Feed Mills Co., Ltd, Japan)
5. The invasion ability of *Campylobacter jejuni* and their invasive genes (Thailand Research Fund)
6. Comparisons of antibody titer detection of Fowl Cholera in Khaki Campbell Ducks by Tube agglutination test and ELISA (Faculty of Veterinary Science, Chulalongkorn University)
7. Studies on Thai Medicana Herbs on Growth Performance, Health Improvement and Immunostiumlant for controlling of Broiler Disease (The Institute of Thai traditional medicine)
8. Development and Characterization of Avian Influenza (H5N1) virosome (BIOTEC, Thailand)
9. Efficacy of important vaccines and protective serology in broilers (Intervet (Thailand) Co.Ltd.)
10. Development of ELISA test kit compared with Hemagglutination Inhibition test of Infectious Bronchitis Virus (Ratchadapiseksompot Endowment Fund, Chulalongkorn University)
11. Protection of Caecal coccidiosis by Immunoglobulin Y (Thailand Research Fund)
12. Protection of *Salmonella* colonization in broilers by competitive exclusion (Thailand Research Fund)
13. Serum cholinesterase activity and histopathology of livers in laying chicks (*Gallus domesticus*) exposed to carbaryl at therapeutic levels for ectoparasitic treatment (Ratchadapiseksompot Endowment Fund, Chulalongkorn University)
14. Efficacy of plant-based products against *Salmonella* Typhimurium infection in Salmonella free broilers (Thailand Institute of Scientific and Technological Research)
15. Efficacy of Inactivated Salmonella Vaccine in Broiler (Bangkok Vet Drug Co. Ltd.)
16. Comparison of various strains of Newcastle Disease vaccines in Broilers (Bangkok Vet Drug Co. Ltd.)



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17. Efficacy of live Infectious Bursal Disease vaccine strain V877 in Broilers (Fort Dodge Animal Health, division of Wyeth, Overland Park, Kansas, USA)
18. Development of three medicinal plants for immunity potentiation and disease protection in Broilers (Department of Medical Science, Ministry of Public Health)
19. The study of antibiotic contamination in table eggs and antimicrobial resistance of contaminated bacteria in layer farms (National research council of Thailand)
20. Efficacy of Colibacillosis vaccine protection in Broilers (Fort Dodge Animal Health Co.Ltd)
21. Survey of the resistant genes of *E. coli* isolated broilers in Thailand (Faculty of Veterinary Science, Chulalongkorn University)
22. The Linco-Spectin 100 Susceptibility by Disk Sensitivity and Minimum Inhibitory Concentration of *Ornithobacterium rhinotracheale* (Pfizer, Thailand)
23. Virulence factors of *Avibacterium paragallinarum* isolated from poultry in Thailand. (The 90th year Anniversary of Chulalongkorn University (Rachadipiseksomphot Endowment Fund)
24. Development of ELISA and Serum Plate Agglutination (SPA) test for detecting antibodies against *Mycoplasma gallisepticum* (Rachadipiseksomphot Endowment Fund)
25. Effects of Polysaccharide Gel Extracted from Durian Fruit-hulls on Immune System and Cholesterol Level in Chickens (Thailand Research Fund)
26. Qualification test on NOBILIS REO+IB+G+ND Vaccine (Intervet (Thailand) Co.Ltd.)
27. The virulence associated genes of *Pasteurella multocida* isolated from chickens in Thailand (Faculty of Veterinary Science, Chulalongkorn University)
28. Efficacy of Live and Killed Salmonella vaccines against *S. Enteritidis* infection (Lohman Animal Health)
29. Molecular characterization and development of ELISA test kit to diagnosis of Chicken Infectious Anemia (Thailand Research Fund)
30. The studies of disease transmission, pathogenesis, and preventive strategies for avian campylobacteriosis (The Royal Golden Jubilee PhD Program)
31. Efficacy of Poulvac IC ABC Oil and Poulvac IC ABC Gel for Prevention of *Avibacterium paragallinarum* infection (Pfizer (Thailand) Co.Ltd.)
32. The Antimicrobial susceptibility test by disk sensitivity and minimum inhibitory concentration against *Ornithobacterium rhinotracheale* (Novartis (Switzerland) Co.Ltd.)
33. Inactivation of Infectious Bronchitis Virus with various kinds of disinfectants (Novartis (Switzerland) Co.Ltd.)
34. Effects of Polysaccharide Gel Extracted from Durian Fruit-hulls on Immune System and Cholesterol Level in Chickens (The 90th year Anniversary of Chulalongkorn University (Rachadipiseksomphot Endowment Fund)
35. Efficacy of inactivated Salmonella vaccine against *Salmonella Gallinarum* (Phibro (Israel) Co.Ltd.)
36. Comparison of stability of Amoxicillin (Virbac (Thailand) Co.Ltd)
37. Efficacy of inactivated Salmonella vaccine against *Salmonella* Enteritidis (Intervet (Thailand) Co.Ltd.)
38. Kitasamicin residue in broilers (Octa Memorial Co.Ltd.)
39. Efficacy of Volvac AC gold Emul (Coryza oil) and Volvac AC gold Bacterin (Coryza gel) for Prevention of *Avibacterium paragallinarum* infection (Boehringer Ingelheim Co.Ltd.)



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40. Comparison of Newcastle Disease vaccine programs in Broilers (Phibro (Israel) Co.Ltd.)
41. Efficacy of IC Oil and IC Gel for Prevention of Thai *Avibacterium paragallinarum* infection (Pfizer Animal Health, Co.Ltd.)
42. Application of competitive exclusion (CE) for prevention of avian campylobacter infection (National Research Council)
43. Development of ELISA test kit for antibody detection against infectious coryza (Rachadapiseksomphot Endowment Fund, Chulalongkorn University)
44. Efficacy on broiler production of Salinomycin combination with Robenidine in feed. (Zooetis Animal Health, Thailand)
45. Efficacy of Salmonella vaccine against Salmonella infection. (Zooetis Animal Health, Thailand).
46. Efficacy of E. coli vaccines or Lincospectin against Avian Pathogenic *Escherichia coli* (APEC) infection (Zooetis Animal Health, Thailand).
47. Evaluation of protection against Thai QX-like challenge in Broilers vaccinated concomitantly at day of hatch with Cevac VitabronL and Cevac IBird (Ceva Animal Health)
48. Characterization of Avian Pathogenic *Escherichia coli* Antimicrobial Resistance (National Research Council)
49. Efficacy of Aviguard against *S. Enteritidis* challenge (MSD Animal Health)
50. Efficacy of Pon Pon (a mixing product of Probiotics, Enzyme and Vitamin) to stimulate poultry immunity and gut health (Vet AgriTech)
51. Efficacy of IC oil and IC Gel for prevention of Thai *Avibacterium paragallinarum* infection (Zooetis)
52. Efficacy of Probiotics and Organic acid to reduce Salmonella in broilers (All Tech)
53. Comparative study of Avipro IBD Xtreme® and IBD Blen® vaccines infection (Elanco)
54. Efficacy of Probiotics to stimulate poultry immunity and gut health (VetSuperior)
55. Efficacy of Gallinat to stimulate poultry immunity and gut health (Jefo)
56. Efficacy of Lysozyme (Metal way-50) to promote poultry performance and gut health (Star Biotech)
57. Inactivation of Infectious Bursal Disease Virus (IBDV) with disinfectant (Bayer Thai)
58. Comparative study of AviPro® IBD Xtreme and Tabic MB vaccines (Elanco (Spain) Ltd.)
59. Development of bacteriophage for Salmonella control in chicken industry (Rachadapisek Somphot Endowment Fund, Chulalongkorn University, Bangkok, Thailand)
60. Protection of SPF Chicks Vaccinated with IB VAR (233A) Vaccine against Challenge with Thailand Local QX Field Strain (PhiBro Animal Health, USA)
61. Efficacy of a combination of essential oils and organic acids (PhytoGold) to stimulate poultry immunity and gut health (VetSuperior, Thailand)

Publications:

1. Thomrongsuwannakij, T., Blackall, PJ, Djordjevic, SP, Cummins, ML, Chansiripornchai, N. 2020. A comparison of virulence genes, antimicrobial resistance profiles and genetic diversity of avian pathogenic *Escherichia coli* (APEC) isolates from broilers and broiler breeders in Thailand and Australia. Avian Path (submitted)
2. Nguyen Thi Bich Van, Nguyen Thi Phuong Yen, Nguyen Thi Nhung, Nguyen Van Cuong, Bach Tuan Kiet, Nguyen Van Hoang, Vo Be Hien, Niwat Chansiripornchai, Marc Choisy, Alexis Ribas, James Campbell, Guy Thwaites, and Juan Carrique-Mas. 2020. Characterization of viral, bacterial, and



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- parasitic causes of disease in small-scale chicken flocks in the Mekong Delta of Vietnam. *Poultry Science*: 99(2), 783-790
3. Jiratitipat, N., Srikhong, P., Wanasawaeng, W. and Chansiripornchai, N. 2019. Efficacy of Competitive Exclusion to Reduce *Salmonella* in Broiler Chickens. *Thai Journal of Veterinary Medicine*. (Accepted).
 4. Choisy, M., Van Cuong, N., Bao, T.D., Kiet, B.T., Hien, B.V., Thu, H.V., Chansiripornchai, N., Setyawan, E., Thwaites, G., Rushton, J. and Carrique-Mas, J. 2019. Assessing antimicrobial misuse in small-scale chicken farms in Vietnam from an observational study. *BMC Veterinary Research*. 15(206): 1-10.
 5. Chansiripornchai, P. and Chansiripornchai, N. 2019. Treatment of generalised demodicosis in a dog using a single oral dose of afoxolaner. *Indian Vet J.* 96(11): 66-67.
 6. Chansiripornchai, P. and Chansiripornchai, N. 2019. Long-Term Use of Oclacitinib for the Control of Pruritus in a Geriatric Atopic Dog. *Pak Vet J.* 39(2): 313-315.
 7. Numees, S., Pikulkeaw, S., Theeraya R. and Chansiripornchai, N. 2018. Detection and Identification of *Ornithobacterium rhinotracheale* from Layer Flocks in Chiang Mai, Thailand. *J. Mahanakorn Vet. Med.* 13: 147-160.
 8. Nguyen Thi, N., Chansiripornchai, N. and Carrique-Mas, J.J. 2017. Antimicrobial Resistance in Bacterial Poultry Pathogens: A Review. *Frontiers in Vet. Science*. 4: 126.
 9. Thomrongsuwannakij, T., Blackall, P.J. and Chansiripornchai, N. 2017. A Study on *Campylobacter jejuni* and *Campylobacter coli* through Commercial Broiler Production Chains in Thailand: Antimicrobial Resistance, the Characterization of *gyrA* Mutation, and Genetic Diversity by *flaA*-RFLP. *Avian Dis.* 61: 186-179.
 10. Hongprasertkul, P., Wanasawaeng, W., Chansiripornchai, N. 2017. Development of Indirect Enzyme-Linked Immunosorbent Assay for Antibody Detection against *Avibacterium paragallinarum*. *Thai J. Vet. Med.* 47: 241-250.
 11. Chansiripornchai, P. and Chansiripornchai, N. 2017. Treatment of recurrent demodicosis in a dog using doramectin injection. *Indian Vet J.* 94: 56-58.
 12. Charoenvisal, N., Chansiripornchai, P. and Chansiripornchai, N. 2017. Efficacy of Four Commercial Infectious Coryza Vaccines on Prevention of *Avibacterium paragallinarum* serovar A, B and C Infection in Thailand. *Pak Vet J.* 37: 287-292.
 13. Chansiripornchai, N. 2016. Field Study on Seroconversion of Three Different Commercial Vaccines of Chicken Infectious Anemia Virus in Thailand. *Thai J. Vet. Med.* 46(4): 699-704.
 14. Thomrongsuwannakij, T., Chuanchuen, R. and Chansiripornchai, N. 2016. Efficacy of Competitive Exclusion against *Campylobacter jejuni* Challenges in Broilers. *Thai J. Vet. Med.* 46(2): 279-286.
 15. Chukiatsiri, K., Sasipreeyajan, J., Blackall, P.J., Chansiripornchai, N. 2016. Virulence Factors of *Avibacterium paragallinarum* isolated from Chickens in Thailand. 46: 125-128 supplement
 16. Wanasawaeng, W., Chaichote, S. and Chansiripornchai, N. 2015. Development of ELISA and Serum Plate Agglutination for Detecting Antibodies of *Mycoplasma gallisepticum* using Strain of Thai Isolate. *Thai J. Vet. Med.* 45(4): 499-507.
 17. Chansiripornchai, P. and Chansiripornchai, N. 2015. Treatment of *Microsporium canis* Infection in a Dog Using a Fungal Vaccine: A Case Report. *Indian Vet. J.* 92(9):65-67.



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18. Kaewthamasorn, M. , Charoenvisal, N. , Chansiripornchai, N. 2015. Efficacy of Salinomycin, Robenidine and Decoquinatone Against Infection with Eimeria Species Field Isolate in A Densely Populated Broiler Farm in Thailand. Thai J Vet Med. 2015. 45(2): 247-253.
19. Pohuang, T., Chansiripornchai, N., Tawatsin, A. and Sasipreeyajan, J. 2014. The Effectiveness of Vaccination with Two Live Infectious Bronchitis Vaccine Strains against QX- Like Infectious Bronchitis Virus Isolated in Thailand. Thai J. Vet. Med. 44(2):179-185.
20. Sohsuebngarm, D., Sasipreeyajan, J., Nithiuthai, S. and Chansiripornchai, N. 2014 The Efficacy of Artisunate, Chloroquin, Doxycyclin, Primaquine and Combination of Artisunate and Primaquin against Avian Malaria in Broilers. J. Vet Med. Sci. 76(6): 813-817.
21. Sarachai, C., Sasipreeyajan, J. and Chansiripornchai, N. 2014. Characterization of Avian Influenza H5N1 Virosome. Pakistan Vet J. 34(2): 201-204.
22. Sarueng, E., Wanasawaeng, W., Sasipreeyajan, J. and Chansiripornchai, N. 2014. Efficacy of Live Infectious Bronchitis Vaccine Programs against Infection by QX-like Strain of Infectious Bronchitis Virus. Thai J. Vet. Med. 44(2): 187-194.
23. Noonkhokhetkong, T. , Chukiatsiri, K. , Sasipreeyajan, J. and Chansiripornchai, N. 2013. Determination of Antimicrobial Susceptibility, Antimicrobial Resistance Genes and *In Vivo* Testing of Antimicrobial Susceptibility of *Avibacterium paragallinarum*. Thai J. Vet. Med. 43(4): 525-531.
24. Wanasawaeng, W. , Buatong, J. , Chaichote, S. and Chansiripornchai, N. 2013. Molecular characterization of chicken infectious anemia virus outbreaks during 2008-2011 in Thailand. Thai J Vet Med. 43(4): 497-520.
25. Bengtong, P., Thomrongsuwannakij, T. and Chansiripornchai, N. 2013. Inactivation of Infectious Bronchitis Virus with various kinds of disinfectants. Thai J. Vet. Med. 43(3): 405-409.
26. Chansiripornchai, N. , Pongthanes, S. , Chansiripornchai, P. and Wanasawaeng, W. 2013. Development of Enzyme- Linked Immunosorbent Assay to Detect Antibodies against Chicken Infectious Anemia Virus. Thai J. Vet. Med. 43: 405-409.
27. Kitprathaung, N., Ngamrojanavanich, N., Chansiripornchai, P., Pongsamart, S. and Chansiripornchai, N. 2013. Effect of polysaccharide gel extracted from *Durio zibethinus* rind on immune responses, bacteria counts and cholesterol quantities in chickens. Thai J. Vet. Med. 43: 251-258.
28. Chansiripornchai, P. and Chansiripornchai, N. 2013. Case report : Efficacy and side effects of amitraz for the treatment of generalised demodicosis in two dogs. J. Thai Vet. Med. Assoc. 64: 29-40.
29. Chansiripornchai, N., Wanasawaeng, W., Wongchidwan, N., Chaichote, S. and Sasipreeyajan, J. 2012. Application of Real-time Polymerase Chain Reaction for Quantitative Detection of Chicken Infectious Anemia Virus. Thai J. Vet. Med. 533-536.
30. Chukiatsiri, K., Sasipreeyajan, J., Blackall, P.J., Yuwatanichsampan, S. and Chansiripornchai, N. 2012. Serovar identification, antimicrobial sensitivity and virulence of *Avibacterium paragallinarum* isolated from chickens in Thailand. Avian Dis. 56: 359-364.
31. Chansiripornchai, P. , Chansiripornchai, N. and Pongsamart, S. 2012. Antibacterial Activity of Polysaccharide Gel from Durian Rinds against *Staphylococcus Intermedius* Isolated from Dogs. Indian Vet. J. 89 (2) : 74 – 75.



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32. Pohuang, T., Chansiripornchai, N., Tawatsin, A. and Sasipreeyajan, J. 2011. Sequence analysis of S1 genes of infectious bronchitis virus isolated in Thailand during 2008-2009: Identification of natural recombination in the field isolates. *Virus Genes*. 43(2): 254-260.
33. Chansiripornchai, N., Mooljuntree, S. and Boonkhum, P. 2011. Antimicrobial Sensitivity of Avian Pathogenic *Escherichia coli* (APEC) Isolated from Chickens During 2007-2010. *Thai J. Vet. Med.* 41(4): 519-522.
34. Pohuang, T., Chansiripornchai, N., Tawatsin, A. and Sasipreeyajan, J. 2011. Development of RT-PCR Combined with Nested PCR for the Detection of Infectious Bronchitis Virus. *Indian Vet. J.* 88(3): 15-17.
35. Wanasawaeng, W. and Chansiripornchai, N. 2010. Molecular differentiation of Infectious Laryngotracheitis virus among Chick Embryo Origin, Tissue Culture Origin, and Field Isolates. *Thai J. Vet. Med.* 40(4): 393-398.
36. Chukiatsiri, K., Chotinun, S. and Chansiripornchai, N. 2010. An Outbreak of *Avibacterium paragallinarum* serovar B in a Thai Layer Farm. *Thai J. Vet. Med.* 40(4): 441-444.
37. Mooljuntree, S., Chansiripornchai, P. and Chansiripornchai, N. 2010. Prevalence of the Cellular and Molecular Antimicrobial Resistance against *E. coli* Isolated from Thai Broilers. *Thai J. Vet. Med.* 40(3):311-315.
38. Rawiwet, V., Chansiripornchai, P. and Chansiripornchai, N. 2010. Comparison of the efficacy of enrofloxacin against *Escherichia coli* or *Pasteurella multocida* infection in layer chickens. *Thai J. Vet. Med.* 40(3):297-301.
39. Pohuang, T., Chansiripornchai, N., Tawatsin, A. and Sasipreeyajan, J. 2010. Development and application of one-step RT-PCR combined with nested PCR for detection of infectious bronchitis virus. *Indian Vet. J.* 87(11): 1139-1141.
40. Chansiripornchai, P. and Chansiripornchai, N. 2010. Treatment of chronic generalized demodicosis in dogs using doramectin and amitraz. *Indian Vet. J.* 87(11): 1139-1141.
41. Sarachai, C., Sasipreeyajan, J. and Chansiripornchai, N. 2010. Avian influenza virus (H5N1) inactivation by Binary Ethylenimine. *Thai J. Vet. Med.* 40(1):30-34.
42. Sarachai, C., Chansiripornchai, N. and Sasipreeyajan, J. 2010. Efficacy of infectious bursal disease vaccine in broiler chickens receiving different vaccination programs. *Thai J. Vet. Med.* 40(1):1-8.
43. Pohuang, T., Chuachan, K., Chansiripornchai, N. and Sasipreeyajan, J. 2009. Efficacy of various strains of infectious bronchitis vaccine against nephropathogenic infectious bronchitis virus isolated from chickens in Thailand. *Thai J. Vet. Med.* 39(4): 319-324.
44. Rawiwet, V. and Chansiripornchai, N. 2009. The efficacy of *E. coli* aroA-live vaccine in broilers against avian *E. coli* serotype O78 infection. *Thai J. Vet. Med.* 39(4): 337-342.
45. Chansiripornchai, N. 2009. Comparative Efficacy of Enrofloxacin and Oxytetracycline for different administration times in broilers after experimental infection with avian pathogenic *Escherichia coli*. *Thai J. Vet. Med.* 39(3): 231-236.
46. Pohuang, T., Chansiripornchai, N., Tawatsin, A. and Sasipreeyajan, J. 2009. Pathogenesis of a new genotype infectious bronchitis virus isolated in chickens. *Indian Vet J.* 86(11): 1110-1112.



Avian Health Research Unit, Department of Veterinary
Medicine, Faculty of Veterinary Science, Chulalongkorn
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47. Chukiatsiri, K, Sasipreeyajan, J., Neramitmansuk, W. and Chansiripornchai, N. 2009. Efficacy of Autogenous Killed Vaccine of *Avibacterium paragallinarum*. Avian Dis. 53(3): 382-386.
48. Pohuang, T., Chansiripornchai, N., Tawatsin, A. and Sasipreeyajan, J. 2009. Detection and molecular characterization of infectious bronchitis virus isolated from the recent outbreaks in commercial flocks in Thailand. J. Vet. Sci. 10(3): 219-223.
49. Chansiripornchai, N., and Sasipreeyajan, J. 2009. PCR detection of four virulence-associated genes of *Campylobacter jejuni* isolates from Thai broilers and their abilities of adhesion to and invasion of INT-407 cells. J. Vet. Med. Sci. 71(6): 839-844.
50. Chansiripornchai, N. and Sasipreeyajan, J. 2009. Comparison of the efficacy of the immune complex and conventionally live vaccine in broilers against infectious bursal disease infection. Thai J. Vet. Med. 39(2): 115-120.
51. Wanasawaeng, W., Tawatsin, A., Sasipreeyajan, J., Poomvises, P. and Chansiripornchai, N. 2009. Development of inactivated Newcastle disease vaccine using palm oil as an Adjuvant. Thai J. Vet. Med. 39(1): 9-16.
52. Chansiripornchai, P. and Chansiripornchai, N. 2009. Effects of permethrin at a prophylactic dose for ectoparasite infection on cholinesterase activity in dogs. Thai J. Vet. Med. 39(4): 343-347.
53. Chansiripornchai, P. and Chansiripornchai, N. 2008. Effects of carbaryl at therapeutic levels for ectoparasitic treatment on serum cholinesterase activity and histopathology of livers in laying chickens (*Gallus domesticus*). J. Thai Vet. Med. Assoc. 59(1-2): 1-11.
54. Chansiripornchai, N., Chukiatsiri, K, Chansiripornchai, P. and Nimmannit, U. 2008. Effects of fruit extract of *Phyllanthus emblica* against Salmonella Typhimurium infection in broilers. J. Thai Vet. Med. Assoc. 59(1-2): 102-109.
55. Chansiripornchai, N., Chansiripornchai, P. and Pongsamart, S. 2008. A Preliminary Study of Polysaccharide Gel Extracted from the Fruit-Hulls of Durian (*Durio zibethinus* Murr.) on Immune Responses and Cholesterol Reduction in Chicken. Acta Horticulturae. 786: 57-60.
56. Chansiripornchai, N. 2008. EU regulation on salmonella contamination and salmonella control program in Thai broiler industry. Chiang Mai Vet. Journal. 6(1): 27-30.
57. Chansiripornchai, P. and Chansiripornchai, N. 2008. Treatment of Generalized demodicosis in a dog using Ivomectin. Indian Vet. J. Indian Vet. J. 85(3): 315-316.
58. Chukiatsiri, K. and Chansiripornchai, N. 2007. Case report : An outbreak of Infectious Coryza in a layer farm. J. Thai Vet Med Assoc. 58(3): 98-107.
59. Sasipreeyajan, J. and Chansiripornchai, N. 2007. Comparative study on efficacy of live Newcastle disease virus vaccine C2 strain given by different routes. J. Thai Vet Med Assoc. 58(3): 48-57.
60. Sasipreeyajan, J., Wanarak, S. and Chansiripornchai, N. 2007. Efficacy of three intermediate-plus infectious bursal disease vaccine in broiler chickens. J. Thai Vet. Med. Assoc. 58(3): 58-67.
61. Chansiripornchai, N., Wanasawaeng, W. and Sasipreeyajan, J. 2007. Seroprevalence and Identification of *Ornithobacterium rhinotracheale* from Broiler and Broiler Breeder Flocks in Thailand. Avian Dis. 51(3): 777-780.
62. Chansiripornchai, N. 2007. Efficacy of Sulfaquinoxaline for treatment of caecal coccidiosis. J. Thai Vet. Med. Assoc. 58 (2): 12-20.



Avian Health Research Unit, Department of Veterinary
Medicine, Faculty of Veterinary Science, Chulalongkorn
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63. Intrasonjai, N., Sanannu, S., Olanratmanee, E., Durongphongtorn, S. and Chansiripornchai, N. 2007. Efficacy of Medetomidine simultaneously with Ketamine or Thiopental in chicken anesthesia. J. Thai Vet. Med. Assoc. 58(2): 32-41.
64. Nurnthong, N., Poongprasertying, N., Kittichaitrakul, R., Chansiripornchai, P. and Chansiripornchai, N. 2007. Serum Cholinesterase Activity in Laying Chicken (*Gallus domesticus*) Exposed to Carbaryl at a Therapeutic Dose for Ectoparasitic Treatment. J. Thai Vet. Med. Assoc. 58 (1): 45-55.
65. Chansiripornchai, N. 2007. Efficacy of Enrofloxacin and Erythromycin plus Chlortetracycline for prevention and treatment of fowl cholera. J. Thai Vet. Med. Assoc. 58 (1): 12-20.
66. Chansiripornchai, N. 2007. Efficacy of Sulfaquinoxaline for treatment of caecal coccidiosis. J. Thai Vet Med Assoc. 58 (2): 42-48.
67. Chansiripornchai, N., Wanasawaeng, W. and Sasipreeyajan, J. 2007. Seroprevalence and Identification of *Ornithobacterium rhinotracheale* from Broiler and Broiler Breeder Flocks in Thailand. Avian Dis. 51(3): 777-780.
68. Chansiripornchai, N. and Sasipreeyajan, J. 2006. Efficacy of live B1 or Ulster 2C Newcastle disease vaccines simultaneously vaccinated with inactivated oil adjuvant vaccine for protection of Newcastle disease virus in broiler chickens. Acta Vet. Scand. 48: 1-4.
69. Wanasawaeng, W., Nimikun C. and Chansiripornchai, N. 2006. Current Knowledge of Avian Mycoplasmosis. J. Thai. Vet. Med. Assoc. 57 (2): 1-23.
70. Khanda, S., Khanda, P. and Chansiripornchai, N. 2006. An Outbreak of Histomoniasis in Cross breed native chickens from one private farm in Nakhon Pathom province. J. Thai Vet. Med. Assoc. 57 (2): 24-32.
71. Yotthaisong, W., Phongthanes, S., Mungmak, A., Wanasawaeng, W. and Chansiripornchai, N. 2006. Efficacy of cellulose matrix card for preserving DNA of *Mycoplasma gallisepticum* at various temperatures and times. J Thai Vet. Med. Assoc. 57(1). 46-55.
72. Kaewket, W., Phenporn, S., Srisomyong, R., Chansiripornchai, N. and Sasipreeyajan, J. 2005. The Efficacy of commercially inactivated Newcastle disease vaccine in layer-type chickens. Thai J. Vet. Med. 35(3): 31-37.
73. Chansiripornchai, N. and Sasipreeyajan, S. 2005. The efficacy of intermediate and intermediate-plus infectious bursal disease vaccine for the prevention of infectious bursal disease in broilers. Thai J. Vet. Med. 34(4): 91-96.
74. Chansiripornchai, N. and Sasipreeyajan, S. 2005. Comparison of Vaccination Program against Newcastle Disease in Broilers. J. Thai Vet. Med. Assoc. 56(2): 32-40.
75. Chansiripornchai, P., Chansiripornchai, N. and Sasipreeyajan, S. 2005. The effect of cypermethrin on laying chickens (*Gallus domesticus*) when used at therapeutic doses for ectoparasitic treatment, by measuring serum cholinesterase activity. Thai J. Vet. Med. 35(2): 51-56.
76. Chansiripornchai, N. and Sasipreeyajan, J. 2004. Avian Influenza vaccine: Pro and Con. Thai J. Vet. Med. 34 (3) : 11-13.
77. Chansiripornchai, N. 2004. Avian Flu. Thai J. Vet. Med. 34 (1) : 11-12.



Avian Health Research Unit, Department of Veterinary
Medicine, Faculty of Veterinary Science, Chulalongkorn
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39 Henri Dunant Rd., Patumwan, Bangkok 10330

78. Jansen, R., Chansiripornchai, N., Gaastra, W. and van Putten, J.P.M. 2004. Characterization of Plasmid pOR1 from *Ornithobacterium rhinotracheale* and Construction of a Shuttle Plasmid. Appl. Env. Microbiol. 70: 5853-5858.
79. Chansiripornchai, N., Sasipreeyajan, J. and Lekdumrongsak, T. 2003. Controls of Salmonella Infections in Broilers by dissolving organic acids in Drinking water KKU. Vet. Med. J. 13(2): 1-8.
80. Pakpinyo, S., Sasipreeyajan, J. and Chansiripornchai, N., 2003. An inactivated Newcastle Disease Vaccine. Part II: The efficiency of an inactivated, experimental vaccine on the preventive of Newcastle disease. Thai J. Vet. Med. 33(1): 51-58.
81. Chansiripornchai, N. 2003. Cationic peptides: an alternative way of antibiotics. Thai J. Vet. Med. 33 (1): 11 – 12.
82. Chansiripornchai, N. 2002. A retrospective study of avian *Escherichia coli* outbreak by Randomly Amplified Polymorphic DNA. Thai J. Vet. Med. 32(2): 31-41.
83. Chansiripornchai, N., Sasipreeyajan, J. and Pakpinyo, S. 2002. Vaccine reactions and antibody responses in layer-type chickens after vaccinations with various routes of an infectious laryngotracheitis vaccine. KKU. Vet. Med. J. 12(2): 1-7.
84. Chansiripornchai, N. and Sasipreeyajan, J. 2002. Efficacy of sarafloxacin in broilers after experimental infection with *Escherichia coli*. Vet. Res. Comm. 26(4): 255-262.
85. Chansiripornchai, N. and Sasipreeyajan, J. 2002. The efficiency of cefloxacin in broiler chickens after experimental *E. coli* infection. Thai J. Vet. Med. 32(1): 53-61.
86. Chansiripornchai, N., Ramasoota, P., Sasipreeyajan, S. and Svenson, S.B. 2001. Differentiation of Avian Pathogenic *Escherichia coli* (APEC) strains by Random Amplified Polymorphic DNA analysis. Vet. Microbiol. 80(1): 75-83.
87. Ramasoota, P., Chansiripornchai, N., Kallenius, G., Hoffner, S.E. and Svenson, S.B. 2001. Comparison of *Mycobacterium avium* complex (MAC) strains from pigs and humans in Sweden by random amplified polymorphic DNA (RAPD) using standardized reagents. Vet. Microbiol. 78(3):251-259.
88. Chansiripornchai, N. and Subhachalat, P. 2001. General anesthesia for incision of right eyelid' s tumor of Hill myna. J. Thai Vet. Pract. 13 (1): 55-60.
89. Chansiripornchai, N. and Subhachalat, P. 2001. *Ornithobacterium rhinotracheale* infection: review. Thai J. Vet. Med. 31:15-27.
90. Ramasoota, P., Krovacek, K., Chansiripornchai, N., Morner, A.P. and Svenson, S.B. 2000. Identification of *Escherichia coli* recovered from milk of sows with coliform mastitis by random amplified polymorphic DNA (RAPD) using standardized reagents. Acta Vet Scand. 41(3):249-59.
91. Chansiripornchai, N., Ramasoota, P., Bangtrakulnonth, A., Sasipreeyajan, S. and Svenson, S.B. 2000. Application of randomly amplified polymorphic DNA (RAPD) analysis for typing avian *Salmonella enterica* subsp. enterica. FEMS Immunol. Med. Microbiol. 29(3): 221-5.
92. Chansiripornchai, N. and Subhachalat, P. 1999. Random Amplified Polymorphic DNA (RAPD) as a useful tool for Bacterial Typing: Review. Thai J. Vet. Med. 29(3): 13-28.
93. Pakpinyo, S., Sasipreeyajan, J. and Chansiripornchai, N. 1996. Inactivated Newcastle Disease Vaccine. Part I: The Method of Preparation of Avirulent and Intermediate Strains of Inactivated Newcastle Disease Vaccine and Their Side Effect. Thai J. Vet. Med. 26(4): 338-345.



Avian Health Research Unit, Department of Veterinary
Medicine, Faculty of Veterinary Science, Chulalongkorn
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39 Henri Dunant Rd., Patumwan, Bangkok 10330

94. Chansiripornchai, N. and Jerngklinchan, J. 1996. Efficacy of 2% Sodium Chlorite Solution to Bacteria. Thai J. Vet. Med. 26(3): 219-225.
95. Chansiripornchai, N., Pakpinyo, S. and Sasipreeyajan, J. 1995. The *in vitro* antimicrobial sensitivity testing of *Escherichia coli* isolated from commercially reared chickens. Thai J. Vet. Med. 25(4): 275-283.
96. Chansiripornchai, N., Urasopon, S., Thanawongnuwech, R., Rungsripapat A., Kaitripattanasakul, W. and Tesprateep, T. 1994. *Mycoplasma hyopneumoniae* bacterin on preventing pneumonic lesion in breeding herds. Thai J. Vet. Med. 24(3): 193-204.

Lay articles and Conference proceedings:

1. Chansiripornchai, N. 2019. Efficacy of Synbiotics to Promote gut integrity and reduce *Salmonella* colonization in broilers. Proceedings of the 3rd International Symposium on Alternatives to Antibiotics (ATA): Challenges and Solutions in Animal Health and Production 16-18 December 2019, The Berkeley Hotel, Bangkok, Thailand
2. Anuvongnukroh, W., Charoenvisal, N., Moonchantee, S. and Chansiripornchai, N. 2019. Inactivation of Infectious Bursal Disease Virus (IBDV) with the Oxidising Disinfectant (Remedor® Action). Proceedings of the 21 World Veterinary Poultry Association Conference, Bangkok, Thailand, September 16-20, 2019, p. 272.
3. Kijphakanith, N., Luupanyalerd, T., Chansong, N. and Chansiripornchai, N. 2019 Comparative Safety Study of Two Live Intermediate Plus Vaccine Infectious Bursal Disease Strains in Commercial Broilers under Field Conditions in Thailand. Proceedings of the 21 World Veterinary Poultry Association Conference, Bangkok, Thailand, September 16-20, 2019, p. 280.
4. Chukiatsiri, K., Thomrongsuwanakij, T., Learngpathomchai, S., Sirikobkul, N., Mah, C. K., Chansiripornchai, N. 2019. Evaluation of the Efficacy of Alhydrogel-Based and Oil-Base Infectious Coryza Vaccines Against Thai Isolated *Avibacterium paragallinarum* of A, B, C, B Variant 1 and B Variant 2. Proceedings of the 21 World Veterinary Poultry Association Conference, Bangkok, Thailand, September 16-20, 2019, p. 348.
5. S. Sri-Nhonghang, G. B. Tactacan, J. C. Bodin and Chansiripornchai, N. 2019. Performance Responses and Gut Bacterial Pathogens in Broiler Chickens with Either Antibiotics or an Antibiotic Alternative Product Based on a Protected Blend of Organic Acids and Essential Oils. Proceedings of Poultry Science Association Meeting, Montreal, Canada, 15-18 July 2019.
6. Thomrongsuwanakij, T. and Chansiripornchai, N. 2018. Molecular characterization of fluoroquinolone-resistant avian pathogenic *Escherichia coli* isolated from diseased chickens in Thailand. Proceedings of the Australian Society for Microbiology, Brisbane, Australia. 1-4 July 2018 p. 187.
7. Wanasawaeng, W., Srikhong, P., Jirattipat, N., Phongthanes, S., Akkhanivad S. and Chansiripornchai, N. 2018. Efficacy of Competitive Exclusion to Reduce *Salmonella* in Broiler Chickens. The 67th Western Poultry Disease Conference. Salt Lake city, Utah, USA
8. Sunannamoke B and Chansiripornchai N 2017. The efficacy of competitive exclusion to protect *S. Enteritidis* challenge. WVPAC 2017, Edinburgh, Scotland, 4-9 September 2017.



Avian Health Research Unit, Department of Veterinary
Medicine, Faculty of Veterinary Science, Chulalongkorn
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9. Chansiripornchai N 2017. The efficacy of commercial Salmonella vaccines against Salmonella Enteritidis infection., Edinburgh, Scotland, 4-9 September 2017.
10. Hongprasertkul, P., Wanasawaeng, W. and Chansiripornchai, N. 2017. Development of indirect enzyme-linked immunosorbent assay for antibody detection against *Avibacterium paragallinarum*. the 18th International Symposium of the World Association of Veterinary Laboratory Diagnosticians, Hilton Sorrento Hotel, Sorrento, Italy, 4-7 June 2017
11. Charoenvisal, N., Chansiripornchai, P. and Chansiripornchai, N. 2016. Efficacy of Commercial Infectious Coryza Vaccine against *Avibacterium paragallinarum* Serovar A, B and C infection. The XXV World's Poultry Congress, China National Convention Centre, Beijing, China 5-9 September 2016
12. Chansiripornchai, N. 2015. The field study on seroconversion of three different chicken infectious anemia. The 19th World Veterinary Poultry Congress, the Cape Town International Convention Centre, South Africa, 7-11 September 2015
13. Chansiripornchai, N., Chaichote, S., and Akkanivas, S. and Wanasawaeng, W. 2014. Development of Elisa and Serum Plate Agglutination for detecting Antibodies of *Mycoplasma gallisepticum* Using Field Strain of Thai Isolate. The American Association of Avian Pathologist Symposium. 25-29 July 2014, Denver, Colorado, USA.
14. Chansiripornchai, N., Wanasawaeng, W. , Chaichote, S. , Buatong, J. , Wongchitwong, N. , Sasipreeyajan, J. 2013. Molecular characterization and development of ELISA kit to diagnosis of Chicken Infectious Anemia. Proceedings the XVIIIth World Veterinary Poultry Association, Nantes, France, 19-23 August 2013.
15. Chansiripornchai, N., 2013. Comparative study of three different chicken anemia virus vaccines in Thailand. Proceedings the XVIIIth World Veterinary Poultry Association, Nantes, France, 19-23 August 2013.
16. Mooljuntree, S. and Chansiripornchai, N. 2011. The toxin producing genes of *Pasteurella multocida* isolated from chickens in Thailand. Proc. 10th Chulalongkorn University Veterinary Annual conference, April 20-21, 2011. p. A15.
17. Chansiripornchai, N., Chukiatsiri, K. and Sasipreeyajan, J. 2009. Efficacy of the autogenous and commercial killed vaccines prepared form aluminium hydroxide gel adjuvant of *Avibacterium paragallinarum*. Proc. The 5th International Poultry Science Conference 2009. 10-13 March 2009, Taba, Egypt. p. 218.
18. Chansiripornchai, N., Santamanas, W. and Prasithphol, S. 2008. The retrospective study of Avian Influenza surveillance in Suphanburi. Proceedings of Bangkok International Conference on Avian Influenza 2008. 23-25 January 2008. Dusit Thani, Bangkok, Thailand. p. 97.
19. Sarachai, C., Sasipreeyajan, J. and Chansiripornchai, N. 2007. Inactivation of Avian Influenza Virus H5N1 with Binary Ethylenimine (BEI) solution. Proceedings on the 8th Asian Pacific Poultry Conference. March 5-6, 2007. Swissotel Le Concorde Hotel, Bangkok, Thailand. p. 376-379
20. Sasipreeyajan, J., Sarachai, C., Chansiripornchai, N. and Chukiatsiri, K. 2007. Different vaccination program against Newcastle disease in broiler chickens. Proceedings on the 8th Asian Pacific Poultry Conference. March 5-6, 2007. Swissotel Le Concorde Hotel, Bangkok, Thailand. p. 182-185.



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21. Goutard, F., Thonnat, J., Toma, B., Dufour, J., Queste, B., Chansiripornchai, N. and Roger, F. 2007. RANEMA: A computer assisted learning tool for basic epidemiology. Proc. 12th International conference of the Association of Institutions of Tropical Veterinary Medicine. p. 327-330.
22. Chansiripornchai, N., Pathanasophon, P. and Sasipreeyajan, J. 2007. Prevalence of *Campylobacter jejuni* in broilers and the adhesion and invasion abilities. Proceedings on the 8th Asian Pacific Poultry Conference. March 5-6, 2007. Swissotel Le Concorde Hotel, Bangkok, Thailand. p. 156-160.
23. Chansiripornchai, N., Chansiripornchai, P. and Pongsamart, S. 2007. A Preliminary Study of Polysaccharide Gel Extracted from the Fruit-Hulls of Durian (*Durio zibethinus* Murr.) on Immune Responses and Cholesterol Reduction in Chicken. Proceedings on International workshop on Medicinal and Aromatic plants. January 15-18, 2007. Lotus Pang Suan Kaew Hotel, Chiang Mai, Thailand. p. 105
24. Chansiripornchai, N., Wanasawaeng, W. and Sasipreeyajan, J. 2006. The seroprevalence and identification of *Ornithobacterium Rhinotracheale* (ORT) from broiler and broiler breeder flocks in Thailand. Proc. Ann. Con. Vet. Sci. Chula. Meeting 27-28 April, 2006. p. 92.
25. Chansiripornchai, N. and Sasipreeyajan, S. 2004. Clonal relationships among avian *Escherichia coli* isolates based on Random Amplified Polymorphic DNA. Proceedings of the 13th Federation of Asian Veterinary Association Congress (FAVA). October 25-27, Millennium Seoul Hilton, Seoul, Korea. p.65.
26. Chansiripornchai, N. and Sasipreeyajan, J. 2004. The Efficacy of Norfloxacin given in broiler chickens after experimental infection with *E. coli*. Proc. 30th TVMA, 11-12 Nov. 2004, p. 357-362.
27. Jansen, R., Chansiripornchai, N., Gaastra, W. and van Putten, J.P.M. 2001. Construction of a shuttle plasmid for *Ornithobacterium rhinotracheale* based on the cryptic plasmid pOR1. Proceeding of The Netherlands conference for Medical Microbiology, Arnhem, 26-28 March 2001, p. s53.
28. Sasipreeyajan, J., Chansiripornchai, N. and Lekdumrongsak, T. 1999. Virulence and efficacy of hot IBD-vaccines in broiler chickens. Proc. VIV Asia Seminars on Poultry and Pig Production. p. 22-23.
29. Chansiripornchai, N., Srihiranpallop, S. and Tresiroj, M. 1994. Comparison of egg duck hens production raised on different roof-houses. Proc. 21st TVMA, 28-30 Nov. 1994, p. 251-261.
30. Pakpinyo, S., Sasipreeyajan, J. and Chansiripornchai, N. 1994. Investigation of Avian leukosis Viral Infection in Chicken Serum by ELISA test Kit. Proc. 21st TVMA, 28-30 Nov. 1994, p. 242-250.
31. Chansiripornchai, N., Pakpinyo, S. and Sasipreeyajan, J. 1994. The result of using live Newcastle Disease vaccine simultaneously with inactivated monovalent Newcastle Disease vaccine and combined vaccines. Proc. 21st TVMA, 28-30 Nov. 1994, p. 222-231.