



ชื่อ : Suneerat Aiumlamai
สุนีรัตน์ เอี่ยมละมัย
Email: suneerat@kku.ac.th
ตำแหน่งทางวิชาการ : รองศาสตราจารย์
การศึกษา : - ปริญญาตรี สัตวแพทยศาสตรบัณฑิต จุฬาลงกรณ์มหาวิทยาลัย
- ประกาศนียบัตร (F.R.V.C.S.) Theriogenology
Swedish University of Agricultural Science, Sweden
- ปริญญาเอก Ph.D. Ruminant Reproduction
Swedish University of Agricultural Science, Sweden

งานวิจัยที่สนใจ : การสืบพันธุ์ในโคนม (Dairy Reproduction), การควบคุมโรคเต้านม
อักเสบและการดูแลสุขภาพเต้านม (Mastitis and Udder Health),
ระบบการผลิตโคนมไทย (Dairy Production System in Thailand)

งานวิจัยตีพิมพ์ :

1. Suvaluk Seesupa Chalong Wachirapakorn **Suneerat Aiumlamai**. 2017. Effects of induced subacute ruminal acidosis and laminitis on lipopolysaccharide binding protein, cortisol and progesterone levels in dairy heifers. *Thai J Vet Med*, 47(4): 501-511.
2. Nawarat Pha-obnga, Chalong Wachirapakorn, **Suneerat Aiumlamai**. 2017. Effect of Dietary Polyunsaturated Fatty Acids from Rubber Seed Kernel on Reproductive Performance in Dairy Heifers. *Thai J Vet Med*, 2017. 47 (4): 421-433.
3. Suvaluk Seesupa, Kwankate Kanistanon, R Pilachai, **Suneerat Aiumlamai**. 2016. Prevalence of Subclinical Laminitis and Its Effects on Reproductive Performance in Lactating Cows in Thailand. *THAI JOURNAL OF VETERINARY MEDICINE*. 46(1): 109-117.
4. T Nilnont, **Suneerat Aiumlamai**, K Kanistanont, C Inchainri, Jaruwan Kampa. 2016. Bovine viral diarrhoea virus (BVDV) infection in dairy cattle herds in northeast Thailand. *TROPICAL ANIMAL HEALTH AND PRODUCTION*. 48(6): 1201-1208.
5. Navanukraw C, Khanthusaeng V, Kraison A, Suwannarit D, Jarassaeng C, **Aiumlamai S**. 2015. Synchronization of ovulation with human chorionic gonadotropin in lactating dairy cows with ovarian cysts during heat stress. *Tropical Animal Health and Production*. 47(4): 1-7.
6. Pilachai R, Schonewille J, Thamrongyoswittayakul C, **Aiumlamai S**, Wachirapakorn C, Everts H, Vlaeminck B, Doekes G, Hendriks W. 2014. Hydrate sodium calcium aluminosilicate does not reduce rumen lipopolysaccharide concentrations in cows. *Animal Feed Science and Technology*. 191(2014):111-115.
7. Pilachai R, Schonewille J, Thamrongyoswittayakul C, **Aiumlamai S**, Wachirapakorn C, Everts H, Hendriks W. 2013. Diet factors and subclinical laminitis score in lactating cows of smallholder dairy farms in Thailand. *Livestock Science*. 155(2-3):197-204.
8. Moonmanee T, Navanukraw C, Uriyapongson S, Kraison A, **Aiumlamai S**, Guntaprom S, Rittirod T, Borowicz P, Redmer D. 2013. Relationships among vasculature, mitotic activity, and endothelial nitric oxide synthase (eNOS) in bovine antral follicles of the first follicular wave. *Domestic Animal Endocrinology*. 45(1):11-21.
9. Moonmanee T, Navanukraw C, **Aiumlamai S**, Jarukamjorn K, Thammasiri J, Redmer D. 2012. Quantitative vascularity of antral follicle in *Bos indicus* using Factor VIII immunolocalization. *Livestock Science*. 150(1-2):128-134.
10. Hoai Nam N, Chanlun A, Kanistanon K, **Aiumlamai S**. 2012. Seroprevalence of *Neospora caninum* in Swamp Buffaloes and Beef Cattle in the North-east of Thailand. *Thai Journal of Veterinary Medicine*. 42(2):213-218.
11. Pilachai R, Schonewille J, Thamrongyoswittayakul C, **Aiumlamai S**, Wachirapakorn C, Everts H, Hendriks W. 2012. Starch source in high concentrate rations does not affect rumen pH, histamine and lipopolysaccharide concentrations in dairy cows. *Livestock Science*. 150(1-3):135-142.
12. Jarassaeng C, **Aiumlamai S**, Wachirapakorn C, Techakumphu M, Noordhuizen J, Beynen A, Suadsong S. 2012. Risk Factors of Subclinical Mastitis in Small Holder Dairy Cows in Khon Kaen Province. *Thai Journal of Veterinary Medicine*. 42(2):143-151.
13. Pilachai R, Schonewille J, Thamrongyoswittayakul C, **Aiumlamai S**, Wachirapakorn C, Everts H, Hendriks W. 2012. The effects of high levels of rumen degradable protein on rumen pH and histamine concentrations in dairy cows. *Journal of Animal Physiology and Animal Nutrition*. 96(2):206-213.

14. Navanukraw, C. Moomanee, T., **Aiumlamai, S.**, Jarukamjoin, K., Thammasiri, J and Redmer, D. 2012. Quantitative vascularity of preovulatory follicle in *Bos Indicus* using Factor VIII immunolocalization. *Animal Science Journal*. (ID ASJ 2012-0012).
15. Kampa, J., Sigh-na, U., Kanistanon, K and **Aiumlamai, S.** 2011. Reproductive loss due to pestivirus infectious in dairy cattle herds in Thailand. *Thai J Vet Med* 41(4): 409-415.
16. Aiensaard, J., **Aiumlamai, S.**, Aromdee, C., Taweechaisupapong, S. and Khunkitti, W. 2011. The effect of lemongrass oil and its major components on clinical isolate mastitis pathogens and their mechanisms of action on *Staphylococcus aureus* DMST. 4745. *Res. Vet. Sci.* 91(3):e31-7.
17. Aiensaard, J., **Aiumlamai, S.**, Taweechaisupapong, S., Aromdee, C. and Khunkitti, W. 2010. Chemical composition, antioxidant activity and antibacterial action of eight essential oils against clinical isolates of mastitis pathogens. *International Journal of Essential Oil Therapeutics.* 4(1): 37-43.
18. Kampa, J., Alenius, S., Emanuelson, U., Chanlun, A. and **Aiumlamai, S.** 2008. Bovine herpesvirus type 1 (BHV-1) and bovine viral diarrhoea virus (BVDV) infections in dairy herds: Self clearance and the detection of seroconversions against a new atypical pestivirus. *Veterinary Journal.* 182(2): 223-230.
19. Koonjaenak, S., Chanatinart, V., **Aiumlamai, S.**, Pinyopumimintr, T., Rodriguez-Martinez, H. 2007. Seasonal variation in semen quality of swamp buffalo bulls (*Bubalus bubalis*) in Thailand. *Asian Journal of Andrology.* 9:92-101.
20. Suwanpanya, N., Wongpradoo, W., Wanapat, M., **Aiumlamai, S.** Wittayakul, S. and Wachirapakron, C. 2007. The influence of bovine neutrophils on in vitro phagocytosis and killing of *Staphylococcus aureus* in heifers supplemented with selenium and vitamin e. *Songklanakarin Journal of Science and Technology.* 29(3):697-706.
21. Ståhl, K., Kampa, J., Alenius, S., Persson Wadman, A., Baule, C., **Aiumlamai, S.**, Belák, S. 2007. Natural infection of cattle with an atypical 'HoBi'-like pestivirus - Implications for BVD control and for the safety of biological products. *Veterinary Research* 38(3):517-523.
22. Chanlun, A., Emanuelson, U., Frössling, J., **Aiumlamai, S.**, Björkman, C. 2007. A longitudinal study of seroprevalence and seroconversion of *Neospora caninum* infection in dairy cattle in northeast Thailand. *Veterinary Parasitology.* 146(3-4):242-248.
23. Chanlun, A., Emanuelson, U., Chanlun, S., **Aiumlamai, S.**, Björkman, C. 2006. Application of repeated bulk milk testing for identification of infection dynamics of *Neospora caninum* in Thai dairy herds. *Veterinary Parasitology.* 136(3-4):243-250.
24. Chanlun, A., Emanuelson, U., **Aiumlamai, S.**, Björkman, C. 2006. Variations of *Neospora caninum* antibody levels in milk during lactation in dairy cows. *Veterinary Parasitology.* 141(3-4):349-355.
25. Kampa, J., Stahl, K., Moreno-Lopez, J., Chanlun, A., **Aiumlamai, S.** and Alenius, S. 2004. BVDV and BHV-1 Infection in dairy herds in Northern and Northeastern Thailand. *Acta vet scand.* 45:181-192.
26. Chanlun, A., Naslund, K., **Aiumlamai, S.** and Björkman, C. 2002. Use of bulk milk for detection of *Neospora caninum* infection in dairy herds in Thailand. *Veterinary Parasitology.* 110: 35-44.
27. Duchens, M., Fredriksson, G., Kindahl, H. and **Aiumlamai, S.** 1993. Effect of intracervical administration of a prostaglandin E₂ gel in pregnant and non-pregnant heifers. *Veterinary Research.* 133:546-549.
28. **Aiumlamai, S.**, Fredriksson, G. and Nilsfors, L. 1992. Real-time ultrasonography for determining the gestational age of ewes. *Veterinary Research.* 131:560-562.
29. **Aiumlamai, S.**, Fredriksson, G., Kindahl, H. and Edqvist, L.-E. 1992. A possible role of endotoxins in spontaneous paretic cows around parturition. *J. Vet. Med.* A39:57-68.
30. **Aiumlamai, S.** and Kindahl, H. 1992. A role of endotoxins ? In methscopolamine induced ruminal stasis in calves. *Acta vet. Scand.* 33:129-138.
31. **Aiumlamai, S.**, Kindahl, H., Fredriksson, G., Edqvist, L.-E., Kulander, L. and Ericksson, O. 1992. A role of endotoxins ? I. In induce ruminal acidosis in calves. *Acta vet. Scand.* 33:117-127.
32. **Aiumlamai, S.** 1991. Effect of a prostaglandin F_{2α} analogue prostifenem (15-methyl-PGF_{2α}), to induce luteolysis and oestrus in heifers. *Acta vet. scand.* 32: 327-335.
33. Kindahl, H. and **Aiumlamai, S.** 1991. Clinical and blood biochemical changes after administration of low doses of endotoxin in ewes. *Acta vet. scand.* 32:411-413.
34. **Aiumlamai, S.**, Fredriksson, G., Kindahl, H., Edqvist, L.-E., Kulander, L. and Ericksson, O. (1990) Endotoxin concentrations in the blood following intravenous injection and effect on prostaglandins F_{2α} release, calcium and bile acids in goats. *Res. Vet. Sci.* 48: 190-195.
35. **Aiumlamai, S.**, Fredriksson, G., Uggla, A., Kindahl, H. and Edqvist, L. -E. 1990. The effect of *Toxoplasma gondii* infection in Flunixin meglumine treated pregnant ewes as monitored by plasma level of 15-ketodihydroprostaglandin F_{2α}, progesterone, oestrone sulphate and ultrasound scanning. *J. Vet. Med.* A37: 16-22.
36. **Aiumlamai, S.** and Kindahl, H. 1990. Clinical and blood biochemical changes during induction of endotoxaemia in heifers. *Acta Vet. Scand.* 31: 501-504.
37. **Aiumlamai, S.**, Odensvik, K. Stabenfeldt, G. and Kindahl, H. 1990. Regulation of prostaglandin biosynthesis with flunixin meglumine in bovine species. *J. Vet. Med.* A37: 16-22.

Department of Surgery and Theriogenology

38. Fredriksson, G., **Aiumlamai, S.**, Lunden, A., Amare, D. and Uggla, A. 1990. Levels of 15-ketodihydroprostaglandin $F_{2\alpha}$ during experimental *Toxoplasma gondii* infection in non-pregnant ewe lambs. J.Vet.Med. A 37: 549-553.
39. **Aiumlamai, S.** and Fredriksson, G. 1989. Influence of repeated prostaglandin $F_{2\alpha}$ injections on the ovarian function in the heifers. J. Vet. Med. A36: 530-538.
40. Kindahl, H., Basu, S., **Aiumlamai, S.**, Odensvik, K., and Stabenfeldt. G. 1989. Regulation of prostaglandin synthesis during early pregnant in the cow. J. Reprod. Fert. Suppl.37: 269-276.

