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Teaching: Principle of meat science
Advanced meat science

Research Interests: Meat and Food Science (Carcass, Meat and Fat Quality)
Animal Molecular Genetics

Publications

- Jaturasitha, S., **Kayan, A.** and Wicke. M. 2008. Carcass and meat characteristics of male chickens between Thai indigenous compared with improved layer breeds and their crossbred. Arch. Tierz., Dummerstorf 51:3, 283-294
- Kayan, A.**, Uddin, M. J., Cinar, M. U., Große-Brinkhaus, C., Phatsara, C., Wimmers, K., Ponsuksili, S., Tesfaye, D., Looft, C., Juengst, H., Tholen, E. and Schellander K. 2011. Investigation on interferon alpha-inducible protein 6 (IFI6) gene as a candidate for meat and carcass quality in pig. Meat Science. 84(4): 755-760.
- Kayan, A.**, Cinar, M. U., Uddin, M. J., Ponsuksili, S., Wimmer, K., Phatsara, C., Tesfaye, D., Tholen, E., Juengst, H. and Schellander, K. 2011. Polymorphism and expression of the porcine Tenascin C gene associated with meat and carcass quality. Meat Science. 89(1): 76-83.
- Cinar, M. U., **Kayan, A.**, Uddin, M. J., Jonas, E. S., Tesfaye, D., Phatsara, C., Ponsuksili S., Wimmers, K., Tholen, E., Looft, C., Juengst, H. and Schellander, K. 2012. Association and expression quantitative trait loci (eQTL) analysis of porcine AMBP, GC and PPP1R3B genes with meat quality traits. Molecular Biology Reports. 39(4):4809-4821.
- Kayan, A.**, Jaturasitha, S., Chungsirawat, P. and Wicke, M. 2012. Eating quality of smoked bacon from swine fed with fish oil. CMU.J.Nat.Sci.Special Issue on Agricultural & Natural Resources. 11(1):163-170.
- Kayan, A.**, Uddin, M.J., Kocamis, H., Tesfaye, D., Looft, C., Tholen, E., Schellander, K. and Cinar, M.U. 2013. Association and expression analysis of porcine HNF1A gene related to meat and carcass quality traits. Meat Science. 94:474-479.