



Professor Jun Heon Lee, PhD

Jun Heon Lee is a member of ISAG since 1998 when he was a PhD student and received a travel bursary award from ISAG in 2000. Lee believes that he grew up with ISAG and now it's time to contribute to the ISAG society. He has been a lecturer, assistant professor, associate professor, and professor of animal genetics in the Division of Animal and Dairy Science at Chungnam National University in Korea since 2002. His research interests are (1) investigation of MHC diversity in pigs and chickens, (2) GWAS and candidate gene studies for production traits in domestic animals. He has been working as a member of the ISAG SLA nomenclature committee since 2002. Lee is also very interested in the Asian collaboration of animal genetics.

His molecular genetics experience began as a PhD student (1997-2001) at the University of Sydney, Australia, and continued during a postdoc (2001-2002) at the University of Illinois, USA. Lee's research has focused on mapping and characterization of porcine endogenous retroviruses (PERVs), investigation of SLA diversity in pig breeds used for the biomedical research, and investigation of candidate genes for production traits in domestic animals, including chickens, pigs, and cattle. Recently, he became interested in traceability systems in animals using DNA markers and investigation of molecular markers for the animal genetic resources in Asia. He is currently acting as Section Editor of Animal Biosciences and Guest Editor of Genes for the Special Issue "Poultry Genetics, Breeding, and Biotechnology." Also, Lee served as a vice president of international affairs at his university for four years (2016-2020). His background and experience in animal genetics will allow him to contribute effectively as a member of the Executive Committee of the International Society for Animal Genetics.