17th AB/CAPI Outstanding Research Award (Best Paper)

Jun Heon Lee

Dr. Jun Heon Lee is a professor in the Division of Animal and Dairy Science at Chungnam National University (CNU) in Korea. He earned his Bachelor's and Master's degrees at CNU, as well as a Ph.D. in Animal Molecular Genetics from the University of Sydney in Australia. As a postdoctoral researcher, he focused on bovine genetics at the University of Illinois in Urbana-Champaign, USA. He has significant academic and research leadership experience. Dr. Lee previously served as Vice President of International Affairs at CNU and is currently the Dean of the Faculty of Agriculture and Life Sciences. He authored more than 200 scientific publications, mainly focusing on (1) MHC diversity analysis in pigs and chicken for the investigation of disease resistance, (2) Genome Wide Association study (GWAS) and candidate gene studies for production traits in domestic animals. Especially, he is very interested in the Asian collaboration of Animal Genetics/Genomics.

The winning article for the 17th AB /CAPI Outstanding Research Award (Best Paper) was published in Animal Bioscience (AB) Vol. 36, No. 9, pp. 1357-1366 (2023) with the title of “Association of single-nucleotide polymorphisms in dual specificity phosphatase 8 and insulin-like growth factor 2 genes with inosine-5′-monophosphate, inosine, and hypoxanthine contents in chickens”.

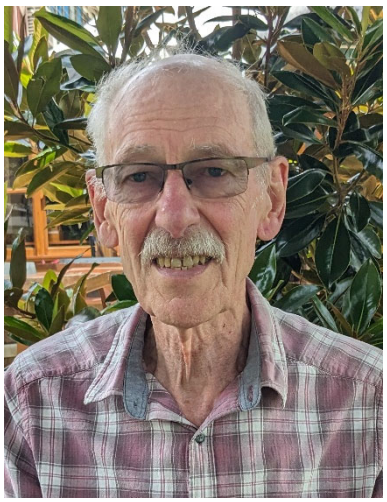
17th AB/CAPI Outstanding Research Award (Most Cited Paper)

Assar Ali Shah

Dr. Assar Ali Shah is an assistant professor at the Faculty of Veterinary and Animal Science, Department of Animal and Poultry Production, Gomal University in Dera Ismail Khan, Pakistan. He focuses on animal nutrition and feed science. He earned a bachelor's degree, Doctor of Veterinary Medicine (DVM), in 2010 from the Faculty of Veterinary and Animal Science, Department of Animal and Poultry Production, Gomal University, Dera Ismail Khan, Pakistan; a master's degree in animal nutrition in 2013 from the University of Agriculture Peshawer, Pakistan; and a Ph.D. in animal nutrition and feed science in 2018 from Nanjing Agricultural University in China. He developed his research experience as a Post-Doc at the Jiangsu Academy of Agricultural Sciences in China and Khon Kaen University in Thailand. His current study focuses on insect farming management, the chemical composition, nutritional profile, and bioactive substances of diverse insects, as well as their prospective applications as alternative protein sources in animal diets. The winning article (the most cited) was published in Animal Bioscience Vol 35 No 2 pp. 317-331 under the title "Nutritional composition of various insects and potential uses as alternative protein sources in animal diets".

17th AB/CAPI Outstanding Research Award (Distinguished Service)

Leo Le Jambre

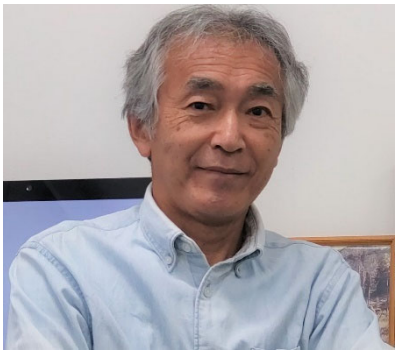


Dr. Le Jambre has made outstanding contributions to the sciences of parasitology and animal production. Throughout his career, Dr. Le Jambre has pioneered research into a number of aspects of the genetics of the host-parasite interface, ranging from the polymorphism in Haemonchus contortus, the inheritance of anthelmintic resistance in trichostrongylids of sheep, species hybridization Haemonchus and the genetics of resistance of sheep to nematode parasites, to the molecular genetics of anthelmintic resistance. Dr. Le Jambre virtually initiated scientific examination of the problem of anthelmintic resistance in the trichostrongylids parasites of sheep and goats in the early 1970's, a field which has now expanded enormously. He and his colleagues showed that resistance to anthelmintics existed, was inherited, and developed techniques to detect and quantify it which are still widely used today. He was instrumental in initiating the early work at the Pastoral Research Laboratory and the University of New England that demonstrated the existence of inherited differences between Merino sheep in their susceptibility to H. contortus infection and that selection of resistant and susceptible lines of such sheep was feasible.

He has initiated many research projects that have international consequences for the livestock industry including a project of breeding sheep for parasite resistance that lead to projects aimed at improving parasite resistance in both the Australian and New Zealand sheep flocks. His research on the genetics and biochemistry of anthelmintic resistance has contributed to the development of parasite control programs and to DNA assays for anthelmintic resistance. Under his supervision, research on the epidemiological control of parasites in the wet tropics has led to the development of a control programs that dramatically reduce the need for anthelmintics in these regions. Dr. Le Jambre has been an advisor to the International Fund for Agricultural Development (IFAD), the World Health Organization (WHO) and the NSW Department of Agriculture. Since 2011, he has been English Editor for the journal Animal Bioscience.

17th AB/CAPI Outstanding Research Award (Distinguished Service)

Yasuo Kobayashi



Dr. Yasuo Kobayashi is an Emeritus Professor at Hokkaido University's Research Faculty of Agriculture. He obtained his PhD in animal nutrition from Hokkaido University in 1992. As a MEXT scholar, he advanced his career in molecular microbiology at the Centre for Food and Animal Research in Ottawa, Canada. His lab has studied ruminant productivity primarily from the perspective of rumen microbial physiology and ecology. His research group has developed numerous molecular methods for understanding the rumen microbial ecosystem and functions, and their works have received significant citations in international journals. His group has recently focused on developing novel feed additives to reduce rumen methane gas, which includes patenting the innovation and industrial collaboration. In 1997, he initiated a joint rumen symposium between Japan and Korea, which has since expanded to a trilateral meeting with China. As a top ruminant nutritionist and rumen microbiologist, he has served as project manager for various national research programs. He served as an editorial board member for decade with scientific review process, and acted as an associate editor of Animal Bioscience.

17th AB/CAPI Outstanding Research Award (Distinguished Service)

Yoo Yong Kim

Dr. Yoo Yong Kim is currently a professor in the Department of Agricultural Biotechnology at Seoul National University. He received B.S and M.S. degrees from Seoul National University, Korea and his Ph. D. degree in Animal Science and Biochemistry from The Ohio State University, USA, where he continued his postdoctoral research experience. His primary studies and publications focused on improvement of productivity and nutrients utilization in weaning, growing/finishing pigs, gestating and lactating sows. He has been a professor at Seoul National University since 2001. He served as President of the Korean Society of Animal Science and Technology, as well as Secretary General of the 12th AAAP 2006 and President of the 19th AAAP, which was held in Jeju, Korea, in 2022. Dr. Kim served Animal Bioscience in a variety of capacities, including reviewer, editorial member, and associate editor. Prof. Kim also made significant contributions to the development of the journal's funding programs.