

Staff Handbook

Name	<i>Pro. Dr. Ir. Edy Kurnianto, M.S., M.Agr</i>																	
Post	<i>Teaching area: Animal Breeding</i>																	
	<i>Designation: Undergraduate program</i>																	
Academic career	<table border="1"> <thead> <tr> <th><i>Initial academic appointment</i></th><th><i>Institution</i></th><th><i>Year</i></th></tr> </thead> <tbody> <tr> <td><i>Ph.D. in Agricultural Science / Bioproduction</i></td><td><i>Kagoshima University - Jepang</i></td><td><i>2000</i></td></tr> <tr> <td><i>M.Agr. in Agricultural Science</i></td><td><i>University Rukyus - Jepang</i></td><td><i>1997</i></td></tr> <tr> <td><i>M.S. in Animal Science</i></td><td><i>Institut Pertanian Bogor</i></td><td><i>1991</i></td></tr> <tr> <td><i>Bachelor in Animal Science</i></td><td><i>Institut Pertanian Bogor</i></td><td><i>1985</i></td></tr> </tbody> </table>			<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>	<i>Ph.D. in Agricultural Science / Bioproduction</i>	<i>Kagoshima University - Jepang</i>	<i>2000</i>	<i>M.Agr. in Agricultural Science</i>	<i>University Rukyus - Jepang</i>	<i>1997</i>	<i>M.S. in Animal Science</i>	<i>Institut Pertanian Bogor</i>	<i>1991</i>	<i>Bachelor in Animal Science</i>	<i>Institut Pertanian Bogor</i>	<i>1985</i>
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Research and development projects over the last 5 years	<i>Name of project or research focus:</i> <i>Period and any other information:</i> <i>Partners, if applicable:</i> <i>Amount of financing:</i>																	
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Important publications over the last 5 years	<i>Selected recent publications from a total of approx. publications:</i> <i>Indahwati, A., Kurnianto, E., Setiatin, E.T., Samsudewa, D., Lestari, D.A. (2025). Determination of STAT5A gene SNPs and Their Association with Reproductive Traits in Ongole Grade Cow of Rembang Penentuan SNP gen STAT5A dan hubungannya dengan sifat reproduksi pada sapi Peranakan Ongole di Rembang. Jurnal Ilmu Ternak Dan Veteriner, 30(1), pp. 8–18. (10.14334/jitv.v30i1.3484)</i> <i>Indahwati, A., Kurnianto, E., Setiatin, E.T., Samsudewa, D. (2025). Qualitative Traits of Ongole Grade Cow in Rembang Regency Based on Different Class of Indonesian National Standard. Advances in Animal and Veterinary Sciences, 13(3), pp. 596–600. (10.17582/journal.aavs/2025/13.3.596.600)</i>																	

- Lestari, D.A., Sutopo, S., **Kurnianto, E.**, Daging, M.I.A, Bugiwati, S.R.A., Mamat-Hamidi, K., Yakubu, A., Pandupuspitasari, N.S., Agusetyaningsih, I., Kamila, F.T., Setiaji, A. (2024). Quantifying of morphological character for Kacang goat using principal component factor analysis. *Journal of the Indonesian Tropical Animal Agriculture*, 49(4), pp. 316–322. (10.14710/jitaa.49.4.316-322)
- Sutopo, S., Lestari, D.A., Setiaji, A., Bugiwati, S.R.A., Dagong, M.I.A, Hilmia, N., Garnida, D., Asmara, I.Y., **Kurnianto, E.** (2024). Revealing the complete mtDNA genome sequence of Cemani chicken (*Gallus gallus*) by using Nanopore sequencing analysis. *Animal Bioscience*, 37(10), pp. 1664–1672. (10.5713/ab.23.0513)
- Ussyarif, S., Kurnianto, E., Setiaji, A. (2024). Research Note: Analysis of Growth Curve Patterns for Muscovy Ducks Using Gompertz and Logistic Models. *Poultry Science Journal*, 12(2), pp. 161–167. (10.22069/psj.2024.21840.1991)
- Setiaji, A., Lestari, D.A., Pandupuspitasari, N.S., Agusetyaningsih, I., Sutopo, S., **Kurnianto, E.** (2024). Crossbreeding experiment on Indonesian local rabbits: the heterosis effect on growth performance. *Archives Animal Breeding*, 67(2), pp. 231–236. (10.5194/aab-67-231-2024)
- Febriana, A., **Kurnianto, E.**, Sutopo, S., Lestari, D.A., Setiaji, A., Sugiharto, S. (2024). DNA variants and population structure of Magelang ducks across generation. *Journal of the Indonesian Tropical Animal Agriculture*, 49(1), pp. 67–77. (10.14710/jitaa.49.1.67-77)
- Kamila, F.T., Sutopo, S., Lestari, D.A., Sutiyono, S., **Kurnianto, E.**, Setiaji, A. (2024). Principal Component Analysis for Morphometrics and Carcass Traits of Commercial Rabbits. *Acta Fytotechnica Et Zootechnica*, 27(4), pp. 379–386. (10.15414/afz.2024.27.04.379-386)
- Setyorini, Y.W., Sutopo, S., **Kurnianto, E.**, Sutiyono, S. (2023). Polymorphism of SNP g.8398A>G at prolactin gene and its effect on Indonesian Holstein dairy cow's milk performance and reproductive traits. *Journal of the Indonesian Tropical Animal Agriculture*, 48(1), pp. 10–19. (10.14710/jitaa.48.1.10-19)
- Setiatin, E.T., Lestari, D.A., Harjanti, D.W., Setiaji, A., **Kurnianto, E.** (2023). Follicle-stimulating hormone receptor gene exploration as possible markers for prolific trait of local goat in Indonesia. *Journal of the Indonesian Tropical Animal Agriculture*, 48(1), pp. 28–36. (10.14710/jitaa.48.1.28-36)
- Setyorini, Y.W., **Kurnianto, E.**, Sutopo, Sutiyono. (2023). Identification polymorphism of LHR and FSHR genes in Indonesian Holstein dairy cattle associated with productive and reproductive traits. *Biodiversitas*, 24(5), pp. 2898–2905. (10.13057/biodiv/d240544)
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- Setiaji, A., **Kurnianto, E.**, Sutopo, S., Lestari, D.A. (2023). Morphological Structure of Rabbits Based on Body Types. *Journal of Advanced Veterinary Research*, 13(2), pp. 188–192.
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	• Setiaji, A., Kurnianto, E., Sutopo, S. (2022). <i>Partial diallel cross for a assessing genetic merit of local rabbit breed</i>. <i>World Rabbit Science</i>, 30(3), pp. 195–200. (10.4995/wrs.2022.14990) • Setiaji, A., Lestari, D.A., Kurnianto, E., Sutopo, S. (2022). <i>Morphometric Traits of Imported Rabbits and Their Progenies</i>. <i>Journal of Advanced Veterinary Research</i>, 12(3), pp. 217–220. • Sutopo, S., Lestari, D.A., Oikawa, T., Konno, T., Purbowati, E., Setiaji, A., Kurnianto, E. (2021). <i>Appropriate growth models to describe early growth of Kejobong goat based on Growth Hormone (GH) gene sequence analysis</i>. <i>Journal of the Indonesian Tropical Animal Agriculture</i>, 46(2), pp. 124–135. (10.14710/jitaa.46.2.124-135) • Sutopo, S., Lestari, D.A., Kurnianto, E., Setiaji, A. (2021). <i>Egg Weight, Sex and Variety Effects on Body Weights and Growth Ability of Kedu Chickens</i>. <i>Advances in Animal and Veterinary Sciences</i>, 10(5), pp. 1017–1022. (10.17582/JOURNAL.AAVS/2022/10.5.1017.1022)		
Activities in specialist bodies over the last 5 years	<i>Organisation:</i> <i>Breeding Science Society of Indonesia</i>	<i>Role:</i> <i>Member</i>	<i>Period:</i> <i>2001-Now</i>