

Staff Handbook

Department of Animal Sciences Faculty of Agriculture, University of Syiah Kuala



Name	Dr. Elmy Mariana, S.Pt, M.Si		
Post	Dairy Science		
Academic career	Doctorate (Breeding of Dairy)	Department of Genetic and Animal Breeding, Animal Science Faculty of Institut Pertanian Bogor University	2013-2019
	M.Sc (Breeding of Dairy)	Department of Genetic and Animal Breeding, Animal Science Faculty of Institut Pertanian Bogor University	2008-2011
	Undergraduate degree (Animal Product Technology)	Gadjah Mada University (Faculty of Animal Husbandry)	1998-2003
Employment	Lector	Syiah Kuala University	2006-present
Research and development projects over the last 5 years	Researchs in the management to cope heat stress of tropical dairy cattle		
Industry collaborations over the last 5 years	Management development project to address tropical dairy cattle heat stress Collaboration with: BPPT-HMT Cikole Lembang and Dairy Research Station of Pondok Ranggon		
Patents and proprietary rights	Title	Year	
Important publications over the last 5 years	1. Mariana, E., Sumantri, C., Astuti, D.A.A., Anggraeni, A., Gunawan, A., 2019. Physiological Status and Study of HSP70 Polymorphism as Determinant of Holstein Friesian Cattle Heat Stress Resistance at Different Altitudes. IPB University. 2. Mariana, E., Sumantri, C., Astuti, D.A.A., Anggraeni, A., Gunawan, A., 2019. Thermoregulation, haematological profile and productivity of Holstein Friesian under heat stress at different land elevations. Buletin Peternakan, 43 (1): 8-16.		

	3. Mariana, E., Sumantri, C., Astuti, D.A.A., Anggraeni, A., Gunawan, A., 2019. Mikroklimat, termoregulasi dan produktivitas sapi perah Friesians Holstein pada ketinggian tempat berbeda. JITRO, 6(1):70-77. 4. Mariana E., Usman, Y., 2020. Effect of pollard supplementation on probiotic (<i>Lactobacillus acidophilus</i>) growth and acidification rate. IOP Conf. Ser.: Earth Environ. Sci. 387. 012028 5. Mariana, E., Sumantri, C., Astuti, D.A.A., Anggraeni, A., Gunawan, A., 2020. Association of HSP70 gene with milk yield and milk quality of Friesian Holstein in Indonesia IOP Conf. Series: Earth and Environmental Science. 425. 012045 6. Ayuti, S.R., Yurliasni, Novita, C.I. Mariana, E., 2020. <u>Potensi khamir <i>Kluyveromyces lactis</i> dalam meningkatkan kualitas susu fermentasi yang ditambah jagung manis (<i>Zea mays saccharata</i> Linn).</u> J. Agripet 20 (1), 70-76. 7. Mariana, E. Riski, N., Novita, C.I., 2020. Pengaruh pemberian limbah sereh wangi (<i>Cymbopogon nardus</i>) fermentasi sebagai substitusi pakan basal terhadap kualitas semen domba ekor tipis. Livest. Anim. Res. 18(3): 208-216. 8. Situmorang, A.H.K., Yaman, M.A., Mariana, E., 2021. Pengaruh pemberian konsentrat fermentasi dan silase eceng gondok (<i>Eichhornia crassipes</i>) terhadap konsumsi pakan, pertambahan berat badan, dan kimia darah domba ekor tipis. J. Agripet 21 (2), 215-223
Activities in specialist bodies over the last 5 years	<i>Indonesian Breeding Science Community (Perhimpunan Ilmu Pemeuliaan Indonesia-PERIPI)</i> <i>Animal Breeding and Genetic Student Community- Bogor Agricultural University</i>