Staff Handbook

Name	*Viagian Pastawan, S.Pt., M.Sc., Ph.D.*		
Post	*Animal Products Technology*		
Academic career	*Doctorate (Science of Biological Resources)*	*Gifu University*	*2020*
	Graduate degree (Animal Science)	*Universitas Gadjah Mada*	*2016*
	Undergraduate degree (Animal Science and Industry)	*Universitas Gadjah Mada*	*2013*
Employment	*Lecturer*	*Universitas Gadjah Mada*	*2021-present*
Research and development projects over the last 5 years	*Research projects:* 1. *Utilization of Consortium Bacillus sp. LS2B and Pseudomonas sp. LS3K as a Starter for Organic Fertilizers on Physical, Chemical, and Biological Quality (2021)* *Source of Funds: Thematic Research Grants for the Faculty of Animal Science Laboratory UGM* 2. *Studies on Physiological and Functional Roles of Lanthanides in Genus Bradyrhizobium (2017)* *Source of Funds: JSPS Japan* 3. *Ability of Indigenous Microbial Consortium to Oxidation Process of Waste Ammonia Livestock Industry (2016)* *Source of Funds: LPDP Thesis* *Community service over the last 5 years:* 1. *Intensification of Livestock Waste Treatment Products Integrated Technical Implementation Unit (UPT) Faculty of Animal Science Universitas Gadjah Mada through Improvement of Handling and Processing Systems (2021)* *Source of funds: Laboratory Service Thematic Service Grants Faculty of Animal Science UGM*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	*Total number of publications: 8* 1. *Effect of using fresh palm oil and used palm oil as a fat liquoring agent to the chemical quality of leather from tilapia fish skin (A Pertiwiningrum, K E Nugroho, M A N Roufi, A A Parameswari,*		

	and V Pastawan) (2022) *Publisher: IOP Conference Series: Earth and Environmental Science (Vol. 951, No. 1, p. 012038).* 2. *Effect of using fresh palm oil and used palm oil as a fatliquoring agent to the physical quality of tilapia fish skin in vegetable tannery (Ambar Pertiwiningrum, Kurniawan Eko Nugroho, Muhammad Aziz Nur Roufi, Viagian Pastawan, Ragil Yuliatmo, Mohammad Zainal Abidin, and Yuny Erwanto) (2022)* *Publisher: E3S Web of Conferences (Vol. 335, p. 00008).* 3. *The Effect of Storage Time to the Leather Microstructure due to Collagenolytic Bacteria Activity (Novita Kurniawati, Viagian Pastawan, Ragil Yuliatmo, Yuny Erwanto, and Ambar Pertiwiningrum) (2022)* *Pubisher: Atlantis Press: Advances in Biological Sciences Research, volume 18.* 4. *Regulation of lanthanide-dependent methanol oxidation pathway in the legume symbiotic nitrogen-fixing bacterium Bradyrhizobium sp. strain Ce-3 (Pastawan, V., Suganuma, S., Mizuno, K., Wang, L., Tani, A., Mitsui, R., Nakamura, K., Shimada, M., Hayakawa, T., Fitriyanto, N.A., Nakagawa, T.) (2020)* *Publisher: Journal of Bioscience and Bioengineering, 2020, 130 (6), pp. 582-587* 5. *Biological function of lanthanide in plantsymbiotic bacteria: Lanthanide-dependent methanol oxidation system (Pastawan, V., Fitriyanto, N.A., Nakagawa, T.) (2020)* *Publisher: Reviews in Agricultural Science, 2020, 8, pp.186 – 198* 6. *Microbiological characteristics of goat's milk kefir with the addition of mangosteen (Garcinia mangostana L.) peel extract (Cahyaningrum, D.S., Sunarno, M.S., Pastawan, V., Taufik, E. (2020)* *Publisher: Canrea Journal: Food Technology, Nutritions, and Culinary Journal, 2020, pp. 65 - 73* 7. *The Effect of Volcanic Ash Addition to The Chemical Quality of Excreta Organic Fertilizer (Pastawan, V., Erwanto, Y., Fitriyanto, N.A.) (2017)* *Publisher: The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 496 - 500. ISBN: 978-979-1215-29-9*

	8. *Ability of Indigenous Microbial Consortium in the Process of Ammonia Oxidation of Livestock Waste (Pastawan, V., Erwanto, Y., Yusiati, L.M., Hayakawa, T., Jamhari, Nakagawa, T., Fitriyanto, N.A.)(2017)* *Publisher: Asian J. Anim. Sci, 11: pp. 74-81.*
Activities in specialist bodies over the last 5 years	-