

## STAFF HANDBOOK

Name : Viagian Pastawan, S.Pt., M.Sc., Ph.D.  
 Post : Teknologi Hasil Ternak  
 Academic carrer : S1 UGM Ilmu dan Industri Peternakan  
                               S2 UGM Ilmu Peternakan  
                               S3 Gifu University Science of Biological Resources

### Research over the last 5 years

No.	Judul Penelitian <i>Research Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
1.	Pemanfaatan Konsorsium Bacillus sp. LS2B dan Pseudomonas sp. LS3K sebagai Starter Pupuk Organik Terhadap Kualitas Fisik, Kimia, dan Biologi	2021	Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM
2.	Studies on Physiological and Functional Roles of Lanthanides in Genus <i>Bradyrhizobium</i>	2017	JSPS Japan
3.	Kemampuan Konsorsium Mikrobial Indigenus Terhadap Proses Oksidasi Amonia Limbah Industri Peternakan	2016	LPDP Tesis

### Community Service over the last 5 years

No.	Judul Kegiatan <i>Activity Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
1.	Intensifikasi Produk Pengolahan Limbah Ternak Unit Pelaksana Teknis (UPT) Terpadu Fakultas Peternakan Universitas Gadjah Mada Melalui Penyempurnaan Sistem Penanganan Dan Pengolahan	2021	Hibah Pengabdian Tematik Pengabdian Laboratorium Fakultas Peternakan UGM

### Important publications over the last 5 years

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
1.	Regulation of lanthanide-dependent methanol oxidation pathway in the legume symbiotic nitrogen-fixing bacterium <i>Bradyrhizobium</i> sp. strain Ce-3 ( <b>Pastawan, V.</b> , Suganuma, S., Mizuno, K., Wang, L., Tani, A., Mitsui, R., Nakamura, K., Shimada, M., Hayakawa, T., Fitriyanto, N.A., Nakagawa, T.)	2020	Journal of Bioscience and Bioengineering, 2020, 130 (6), pp. 582-587
2.	Biological function of lanthanide in plantsymbiotic bacteria: Lanthanide-dependent methanol oxidation system ( <b>Pastawan, V.</b> , Fitriyanto, N.A., Nakagawa, T.)	2020	Reviews in Agricultural Science, 2020, 8, pp. 186 – 198

<b>No.</b>	<b>Judul Publikasi <i>Publication Title</i></b>	<b>Tahun <i>Year</i></b>	<b>Penerbit <i>Publisher</i></b>
3.	Microbiological characteristics of goat's milk kefir with the addition of mangosteen ( <i>Garcinia mangostana</i> L.) peel extract (Cahyaningrum, D.S., Sunarno, M.S., <b>Pastawan, V.</b> , Taufik, E.	2020	Canrea Journal: Food Technology, Nutritions, and Culinary Journal, 2020, pp. 65 - 73
4.	The Effect of Volcanic Ash Addition to The Chemical Quality of Excreta Organic Fertilizer ( <b>Pastawan, V.</b> , Erwanto, Y., Fitriyanto, N.A.)	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 496 - 500. ISBN: 978-979-1215-29-9
5.	Ability of Indigenous Microbial Consortium in the Process of Ammonia Oxidation of Livestock Waste ( <b>Pastawan, V.</b> , Erwanto, Y., Yusiati, L.M., Hayakawa, T., Jamhari, Nakagawa, T., Fitriyanto, N.A.)	2017	Asian J. Anim. Sci, 11: pp. 74-81.

### **Courses**

1. Teknologi Hasil Ikutan Ternak Dasar
2. Ilmu dan Teknologi Hasil Ikutan
3. Ilmu dan Teknologi Kulit
4. Teknologi Penanganan Limbah Peternakan Dasar
5. Biologi Penanganan Limbah Industri Peternakan
6. Ilmu dan Industri Kulit
7. Teknologi Limbah Peternakan

### **Achievements/Awards**

<b>No.</b>	<b>Prestasi/Penghargaan <i>Achievements/Awards</i></b>	<b>Tahun <i>Year</i></b>
1.	-	-