

STAFF HANDBOOK

Name : Ir. Dyah Maharani, S.Pt., M.P., Ph.D., IPM.
 Post : Ilmu Pemuliaan Ternak dan Molekuler
 Genetik
 Academic carrer : S1 UGM Peternakan
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 S3 Chugnam National University, Korea Breeding and
 Genetics

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.	Phenotypic Characterization and Genetic Diversity Analysis Based on Microsatellite Marker in Indonesia Indegenous Chicken (Tahun 2) - Ketua	2021	Penelitian Dasar, PTNBH- Kemenristekdikti
2.	Upaya Peningkatan Potensi Genetik Itik Lokal Indonesia Melalui Identifikasi Marker DNA Sebagai Alat Seleksi untuk Sifat Ekonomis (Tahun 1) - Ketua	2021	Penelitian Dasar, PTNBH- Kemenristekdikti
3.	Pembentukan Ayam Bulaksumur (Tahun 2) - Ketua	2021	Hibah PRN - Kemenristek Brin dan LPDP
4.	Pembentukan Ayam Bulaksumur (Tahun 1) - Ketua	2020	Hibah PRN - Kemenristek Brin dan LPDP
5.	Phenotypic Characterization and Genetic Diversity Analysis Based on Microsatellite Marker in Indonesian Indigenous Chickens (Tahun 1) - Ketua	2020	Penelitian Dasar, PTNBH- Kemenristekdikti
6.	Estimasi Parameter Genetik, Dinamika Populasi dan Output Sapi Aceh di Balai Pembibitan Ternak Unggul dan Hijauan Pakan Ternak Indrapuri - Ketua	2020	Rekognisi Tugas Akhir, UGM
7.	Evaluasi Pemanfaatan Rekording dan Aplikasi Rekording Sapi Elektronik terhadap Performance Pedet dan Sapi Perah Dara di Kabupaten Sleman - Anggota	2020	Hibah Tematik Laboratorium Fakultas Peternakan UGM
8.	Evaluasi Aplikasi Recording Sapi Elektronik Terhadap Performance Sapi Perah Dara Dan Induk Di Kabupaten Sleman - Anggota	2020	Hibah Pascasarjana Fakultas Peternakan UGM
9.	Pendampingan Peternak Anggota Koperasi Sarana Usaha Warga Sejahtera Cangkringan Sleman Dalam Upaya Penyediaan Bibit Sapi Perah Secara Mandiri Selama Masa Pandemi Covid-19 - Anggota	2020	Hibah TTG
10.	Estimasi Parameter Genetik Produksi Telur dan Identifikasi Gen Prolaktin Itik Terseleksi di BPTU HPT-Pelaihari	2019	Program Rekognisi Tugas Akhir, UGM
11.	Analisis Potensi dan Genetik pada Sapi Sumba Ongole di Kabupaten Sumba Timur Provinsi Nusa Tenggara Timur	2019	Penelitian Dasar Unggulan Perguruan Tinggi, Ristekdikti

No.	Judul Penelitian <i>Research Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
12.	Peningkatan Kualitas Genetik Kambing Lokal Indonesia Melalui Identifikasi DNA Marker sebagai Alat Seleksi untuk Sifat Sifat Ekonomis Sembilan Bangsa Kambing Indonesia (Tahun 2) - Ketua	2019	Penelitian Dasar, Ristekdikti
13.	Polimorfisme Gen MYF5 pada Sapi Peranakan Ongole Kebumen dan Asosiasinya terhadap Sifat Pertumbuhan - Anggota	2019	Penelitian Dosen Muda, UGM
14.	Pembentukan Populasi Dasar Ayam Kampung Berdasarkan Warna Bulu - Ketua	2019	Penelitian Dosen Muda, UGM
15.	Deteksi Marker DNA Menggunakan Gen GH untuk Seleksi Ayam Kampung Super Berdasarkan Sifat Pertumbuhan - Ketua	2019	Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM
16.	Produktivitas dan Analisis Genetik Keturunan Hasil Persilangan Kambing Gembrong dengan Kambing Peranakan Etawah Tahun 3– Anggota	2018	Penelitian Pendidikan Magister menuju Doktor untuk Sarjana Unggul (PMDSU), Ristekdikti
17.	Analisis Potensi dan Upaya Peningkatan Kinerja Sapi Jabres di Bantarkawung, Kabupaten Brebes – Tahun 3 - Anggota	2018	Penelitian Pendidikan Magister menuju Doktor untuk Sarjana Unggul (PMDSU), Ristekdikti
18.	Deteksi Single Nucleotide Polymorphisme Gen Melanocortin 4 Receptor dan Hubungannya terhadap Sifat Pertumbuhan dan Feed Nutrient Intake pada Kambing Bligon Tahun 3-(Anggota dari 4 Peneliti)	2018	PMDSU
19.	Peningkatan Kualitas Genetik Kambing Lokal Indonesia Melalui Identifikasi DNA Marker sebagai Alat Seleksi untuk Sifat Sifat Ekonomis Sembilan Bangsa Kambing Indonesia	2018	Penelitian Berbasis Kompetensi (PBK), Ristekdikti
20.	Analisis Potensi dan Genetik pada Sapi Sumba Ongole di Kabupaten Sumba Timur Provinsi Nusa Tenggara Timur	2018	Penelitian Dasar Unggulan Perguruan Tinggi (PDUPT), Ristekdikti
21.	Pembentukan Populasi Dasar dan Galur Ayam Kampung sebagai Penyedia Bibit Ayam Daging	2018	Penelitian Dasar Unggulan Perguruan Tinggi (PDUPT), Ristekdikti
22.	Identifikasi dan Polimorfisme Gen Leptin pada Sapi Peranakan Ongole Kebumen	2018	Peningkatan Kapasitas Peneliti Dosen Muda, Universitas Gadjah Mada
23.	Identifikasi Polimorfisme Gen BMP-15 dan GDF-9	2018	Hibah Pascasarjana,

No.	Judul Penelitian Research Title	Tahun Year	Sumber Dana Source of Funds
	Kambing Peranakan Etawah Di BBPTU-HPT Pelaihari, Kalimantan Selatan		Fakultas Peternakan UGM
24.	Deteksi Single Nucleotide Polymorphisme Gen Melanocortin 4 Receptor dan Hubungannya terhadap Sifat Pertumbuhan dan Feed Nutrient Intake pada Kambing Bligon Tahun 2-(Anggota dari 4 Peneliti)	2017	PMDSU
25.	Analisis Potensi dan Upaya Peningkatan Kinerja Sapi Jabres di Bantarkawung, Kabupaten Brebes (Anggota dari 4 Peneliti)	2017	PMDSU
26.	Produktivitas dan Analisis Genetik Keturunan Hasil Persilangan Kambing Gembrong dengan Kambing Peranakan Etawah (Anggota dari 4 Peneliti)	2017	PMDSU
27.	Identifikasi dan Analisis Polimorfisme Gen FABP4 serta Hubungannya dengan Sifat-Sifat Pertumbuhan pada Sapi Peranakan Ongole Kebumen (Ketua dari 5 Peneliti)	2017	Tematik Laboratorium Fak. Peternakan UGM
28.	Identification of Genetic Diversity and Relationship among Duck Population of Indonesia using Microsatellite Marker- Tahun 2 (Ketua dari 2 Peneliti)	2017	Kerjasama Luar Negeri
29.	Studi Komparasi Sekuen Marker Genetik untuk Sifat Reproduksi dan Pertumbuhan pada Kambing dan Sapi (Anggota dari 5 Peneliti)	2017	Hibah Pascasarjana Fak. Peternakan UGM
30.	Pengaruh Etanol dan Tween 80 Sebagai Pelarut Vitamin E dalam Bahan Pengencer Andromed pada Pembuatan Semen Beku Domba Ekor Gemuk	2017	Tematik Laboratorium Fak. Peternakan UGM
31.	Analisis Potensi dan Upaya Peningkatan Kinerja Sapi Jabres di Bantarkawung, Kabupaten Brebes (Anggota dari 4 Peneliti)	2016	Hibah Pascasarjana Fak. Peternakan UGM
32.	Produktivitas dan Analisis Genetik Keturunan Hasil Persilangan Kambing Gembrong dengan Kambing Peranakan Etawah – Tahun 1 (Anggota dari 4 Peneliti)	2016	PMDSU
33.	Analisis Potensi dan Upaya Peningkatan Kinerja Sapi Jabres di Bantarkawung, Kabupaten Brebes – Tahun 1 (Anggota dari 4 Peneliti)	2016	PMDSU
34.	Deteksi Single Nucleotide Polymorphisme Gen Melanocortin 4 Receptor dan Hubungannya terhadap Sifat Pertumbuhan dan Feed Nutrient Intake pada Kambing Bligon – Tahun 1 (Anggota dari 4 Peneliti)	2016	PMDSU
35.	Program Peningkatan Mutu Genetik Domba Ekor Gemuk Melalui Pembuatan Semen Beku dan Identifikasi Kandidat Gen yang Bernilai Ekonomis di Kepulauan Sapudi-Madura dan Mojokerto-Jawa Timur (Peneliti Tunggal)	2016	PUPT DIKTI
36.	Pola Pengembangan Peternakan Sapi Jabres di Kawasan Sumber Bibit Kecamatan Bantarkawung	2016	PUPT DIKTI

No.	Judul Penelitian Research Title	Tahun Year	Sumber Dana Source of Funds
	dan Ketangguhan Kabupaten Brebes (Anggota dari 4 Peneliti)		
37.	Program Penyelamatan Kambing Gembrong Melalui Pembuatan Semen Beku dan Pengaturan Perkawinan Pejantan di Bali, Jawa Timur dan Sumatera Utara (Anggota dari 3 Peneliti)	2016	PUPT DIKTI
38.	Identification of Genetic Diversity and Relationship among Duck Population of Indonesia using Microsatellite Marker- Tahun 1 (Ketua dari 2 Peneliti)	2016	Kerjasama Luar Negeri
39.	Identifikasi Kemurnian Sapi Peranakan Ongole Kebumen Berdasarkan Marker Gen Cytochrome B (Cyt-b) dan Gen SRY (Anggota dari 3 Peneliti)	2016	Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM
40.	Kinerja Induk Kambing Peranakan Etawah yang Diinseminasi Buatan Menggunakan Semen Beku Kambing Gembrong (Anggota dari 4 Peneliti)	2016	Hibah Penelitian Program Pascasarjana Fakultas Peternakan UGM
41.	Profil Biokimia Darah dan Estrogen pada Bangsa Sapi Lokal Indonesia yang Mengalami Kawin Berulang (Anggota dari 4 Peneliti)	2016	Hibah Penelitian Program Pascasarjana Fakultas Peternakan UGM

Community Service over the last 5 years

No.	Judul Kegiatan Activity Title	Tahun Year	Sumber Dana Source of Funds
1.	Pendampingan Peternak Anggota Koperasi Sarana Usaha Warga Sejahtera Cangkringan Sleman Dalam Upaya Penyediaan Bibit Sapi Perah Secara Mandiri Selama Masa Pandemi Covid-19	2020	UGM
2.	Aplikasi Sistem Recording pada Kontes Sapi Perah di Peternak Anggota Koperasi sarana Usaha Warga Sejahtera Sebagai Upaya Penyediaan Bibit Unggul Secara Mandiri	2020	UGM
3.	Revitalisasi Kegiatan Recording Ternak pada Asosiasi Peternak Sapi Peranakan Ongole Kebumen	2019	Fakultas Peternakan Universitas Gadjah Mada
4.	Penyuluhan Pencegahan Inbreeding Melalui Pengaturan Perkawinan dan Inseminasi Buatan pada Sapi Peranakan Ongole Kebumen di Kecamatan Klirong Kabupaten Kebumen, Jawa Tengah	2018	Hibah Pengabdian Tematik Laboratorium Fakultas Peternakan UGM
5.	Pelatihan Tata Cara Pemilihan Pejantan Sapi Peranakan Ongole Kebumen Melalui Simulasi	2017	Hibah Tematik Laboratorium Fak.

No.	Judul Kegiatan <i>Activity Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
	Kontes Ternak di Kecamatan Klirong, Kabupaten Kebumen, Provinsi Jawa Tengah		Peternakan UGM
6.	Sosialisasi Recording Online di PERKKANAS, Kulon Progo	2017	Swadaya
7.	Pelatihan Tata Cara Pemilihan Induk Sapi Peranakan Ongole (PO) Berdasarkan Sifat Kuantitatif dan Kualitatif di Kecamatan Klirong, Kabupaten Kebumen, Jawa Tengah	2016	Hibah Tematik Pengabdian Fakultas Peternakan

Important publications over the last 5 years

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
1.	Natural increase, net replacement rate, output and population dynamic of aceh cattle in livestock breeding and forage center of Indrapuri (Widyaningrum, R., Budisatria, I.G.S., Maharani, D.)	2021	Journal of the Indonesian Tropical Animal Agriculture, 2021, 46(1), pp. 1–11
2.	Profile and population dynamics of Aceh cattle in livestock breeding and forage centre, Indrapuri (Widyaningrum, R., Budisatria, I.G.S., Fathoni, A., Maharani, D.)	2021	IOP Conference Series: Earth and Environmental Science, 2021, 667(1), 012033
3.	Association of SNP T125A on KiSS1 gene with reproduction hormone levels in Kaligesing goat (Hardyta, G., Widayati, D.T., Maharani, D.)	2020	Journal of the Indonesian Tropical Animal Agriculture, 2020, 45(4), pp. 253–260
4.	Polymorphism of MC4R gene associated with feed intake, nutrient digestibility, ADG and FCR at post-weaning in Bligon goats (Latifah, L., Maharani, D. , Kustantinah, K., Hartatik, T.)	2020	Journal of the Indonesian Tropical Animal Agriculture, 2020, 45(3), pp. 173–180
5.	Prediction of live body weight using body measurements for Jawa Brebes (Jabres) Cattle (Haq, M.S., Budisatria, I.G.S., Panjono, P., Maharani, D.)	2020	Journal of Animal and Plant Sciences, 2020, 30(3), pp. 552–559
6.	The association of single nucleotide polymorphism (SNP) g.281G > A of cast gene with meat quality of boerka goat (Antonius, A., Ginting, S.P., Elieser, S., Tarigan, A., Solehudin, S., Budisatria, I.G.S., Sari, A.P.Z.N.L., Hariyono, D.N.H., Maharani, D.)	2020	Iranian Journal of Applied Animal Science, 2020, 10(2), pp. 303–309
7.	Estrous response of Etawah Crossbred does on estrous synchronization using the prostaglandin f2 α based protocol (Atmoko, B.A., Bintara, S., Maharani, D. , Ibrahim, A., Budisatria, I.G.S.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 465(1), 012044
8.	Body weight, body measurements and	2020	Biodiversitas, 2020, 21(8),

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	slaughter characteristics of madura cattle raised in Pamekasan District, East Java Province, Indonesia (Prihandini, P.W., Maharani, D. , Sumadi)		pp. 3415–3421
9.	The behavior of Etawah Grade goats in early and late pregnancy period in a tropical area (Atmoko, B.A., Maharani, D. , Bintara, S., Suparta Budisatria, I.G.)	2020	Journal of Animal Behaviour and Biometeorology, 2020, 8, pp. 136–141
10.	Association between the Melanocortin-4 Receptor (MC4R) Gene Polymorphisms and Growth Trait in Sumba (Fathoni, A., Sumadi, S., Budisatria, I.G.S., Sari, A.P.Z.N.L., Maharani, D.)	2020	Iranian Journal of Applied Animal Science, 2020, 10(4), pp. 603–609
11.	The Role of Customer Attitude in Mediating the Effect of Green Marketing Mix on Green Product Purchase Intention in Love Beauty and Planet Products in Indonesia (BR Kartawinata, D Maharani , M Pradana, HM Amani)	2020	Proceedings of the International Conference on Industrial Engineering and Operations Management, 1: 3023-3033
12.	The behavior of Etawah Grade goats in early and late pregnancy period in a tropical area (Bayu Andri Atmoko, Dyah Maharani , Sigit Bintara, I Gede Suparta Budisatria)	2020	Journal of Animal Behaviour and Biometeorology (2020) Vol.8, No. 2:136-141
13.	Prediction of Live Body Weight Using Body Measurements for Jawa Brebes (Jabres) Cattle (M. S. Haq, I. G. S. Budisatria, Panjono and D. Maharani)	2020	The Journal of Animal and Plant Sciences, 30(3): 2020, pages: 552-559
14.	Genetic Diversity and Phylogenetic Relationship Analyzed by Microsatellite Markers in Eight Indonesian Local Duck Populations (Dwi Nur Happy Hariyono, Dyah Maharani , Sunghyun Cho, Prabuddha Manjula, Dongwon Seo, Nuri Choi, Jafendi Hasoloan Purba Sidadolog, Jun-Heon Lee)	2020	Asian-Australasian Journal of Animal Sciences 2019 Jan;32(1):31-37
15.	Dairy Content As Selection Method for High Production Cow in Sarana Usaha Warga Sejahtera Cooperative Sleman (Yuni Suranindyah, Sumadi, Dyah Maharani , Akhmad fathoni, Glorina Desviani, Nurulia Hidayah)	2020	Programme Book The 2nd International Conference on Community Engagement and Education for Sustainable Development (ICCEESD) 2020. Yogyakarta 24-25 November 2020, page: 140
16.	Gen Melanocortin-4 Receptor (MC4R) sebagai Gen Utama untuk Seleksi Pertumbuhan Cepat pada Sapi Potong (Peni Wahyu Prihandini, D. Maharani)	2020	Wartazoa Vol. 29 No. 2 Th. 2019 Hlm. 085-096 ISSN: 0216-6461 eISSN: 2354-6832 http://medpub.litbang.pertanian.go.id/index.php/wartazoa/issue/view/184 http://medpub.litbang.pertani

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
			an.go.id/index.php/wartazoa/article/view/1955/1640 http://dx.doi.org/10.14334/wartazoa.v29i2.1955 Penerbit: Puslitbang Peternakan, Kementerian Pertanian.
17.	Estrous response of Etawah Crossbred does toward estrous synchronization using the prostaglandin f2a protocol (B A Atmoko, S Bintara, D Maharani , A Ibrahim, and I G S Budisatria)	2019	2nd ITAPS, Kendari, Sulawesi 22-24 November 2019. Penyelenggara: Universitas Halu Oleo, Sulawesi
18.	Artificial Insemination on the Etawah Grade Goats Using Frozen Semen of Gembrong Goat (Bayu Andri Atmoko, Sigit Bintara, I Gede Suparta Budisatria, Dyah Maharani , Jafendi H P Sidadolog, Sumadi, Lies Mira Yusiati, and I Made Londra)	2019	KnE Life Sciences. Volume 2019: 149-155. The UGM Annual Scientific Conference Life Sciences 2016 25–26 October 2016. ISSN: 2413-0877. DOI 10.18502/cls.v4i11.3860
19.	Genetic parameters of egg production trait in Alabio and Mojosari ducks under selection (Damayanti, I., Maharani, D. , Sudaryati, S.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012083
20.	Identifying the stakeholders and sustainability indicators for sonok breeding system (Nugroho, T., Maharani, D. , Widi, T.S.M.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012133
21.	Identification of single nucleotide polymorphisms and restriction enzyme on prolactin gene in Alabio and Mojosari duck (Damayanti, I., Maharani, D. , Sudaryati, S.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012079
22.	The effect of birth type on quantitative characteristics in pre-weaned Bligon goats (Kurniawati, N., Latifah,, Maharani, D. , Kustantinah,, Hartatik, T.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012054
23.	Polymorphism study of BMP15 gene in Indonesian Goats (Maharani, D. , Elieser, S., Budisatria, I.G.S., Baturabara, A., Sari, A.P.Z.N.L., Hariyono, D.N.H.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012129
24.	The effect of sex on nutritional status of post-weaned Bligon goats under controlled feeding management (Latifah, Maharani, D. , Hartatik, T., Warih, A., Nurjannah, A.S., Kustantinah)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012057
25.	Phenotypic characterization of local female duck populations in Indonesia (Maharani, D. , Hariyono, D.N.H., Putra, D.D.I., Lee, J.-H., Sidadolog, J.H.P.)	2019	Journal of Asia-Pacific Biodiversity, 2019, 12(4), pp. 508–514
26.	Allelic and genotypic distribution in single nucleotide polymorphism (SNP) G.676A >	2019	Iranian Journal of Applied Animal Science, 2019, 9(4),

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	G of melanocortin-1 receptor (MC1R) gene in Indonesian goat breeds (Maharani, D. , Elieser, S., Budisatria, I.G.S., Batubara, A., Hariyono, D.N.H., Sari, A.P.Z.N.L.)		pp. 687–692
27.	Melanocortin-4 receptor (MC4R) gene polymorphism and its effect on growth traits in Madura cattle (Prihandini, P.W., Sumadi, Suparta, G., Maharani, D.)	2019	Journal of the Indonesian Tropical Animal Agriculture, 2019, 44(1), pp. 38–46
28.	Comparison Study of Melanocortin 4 Receptor in Cattle, Buffalo, Sheep and Goat Based on Genbank Data (Latifah, Maharani D. , Kustantinah., Hartatik, T.)	2019	Proceedings-2018 1st International Conference on Bioinformatics, Biotechnology, and Biomedical Engineering, BioMIC 2018, 2019, 8610582
29.	Measuring the social economic benefits of Jabres cattle keeping in Bantarkawung Sub-district, Brebes, Central Java, Indonesia (Haq, M.S., Budisatria, I.G.S., Panjono, P., Maharani, D.)	2019	Journal of the Indonesian Tropical Animal Agriculture, 2019, 44(2), pp. 220–227
30.	Polymorphism of the SNP g. 1180 C>T in leptin gene and its association with growth traits and linear body measurement in Kebumen Ongole Grade cattle (Fathoni, A., Maharani, D. , Aji, R.N., Choiri, R., Sumadi, S.)	2019	Journal of the Indonesian Tropical Animal Agriculture, 2019, 44(2), pp. 125–134
31.	Genetic diversity and phylogenetic relationship analyzed by microsatellite markers in eight Indonesian local duck populations (Hariyono, D.N.H., Maharani, D., Cho, S., Manjula, P., Seo, D., Choi, N., Sidadolog, J.H.P., Lee, J.-H.)	2019	Asian-Australasian Journal of Animal Sciences, 2019, 32(1), pp. 31–37
32.	Kambing Peranakan Etawah: Kepala Hitam atau Cokelat (IGS Budisatria, D Maharani, A Ibrahim)	2019	Buku, UGM PRESS
33.	Artificial Insemination on the Etawah Grade Goats Using Frozen Semen of Gembrong Goat (B Andri Atmoko, Sigit Bintara, IG Suparta Budisatria, Dyah Maharani, J Hasoloan Purba Sidadolog, L Mira Yusiati, I Made Londra)	2019	KnE Life Sciences, 149–155
34.	Melanocortin-4 receptor (MC4R) gene as the main gene for rapid growth selection in beef cattle (PW Prihandini, D Maharani)	2019	Indonesian Bulletin of Animal and Veterinary Sciences 29 (2), 85-96

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
35.	Allelic and Genotypic Distribution in Single Nucleotide Polymorphism (SNP) G. 676A>G of Melanocortin-1 Receptor (MC1R) Gene in Indonesian Goat Breeds (D Maharani , S Elieser, IGS Budisatria, A Batubara, DNH Hariyono, A Sari)	2019	Iranian Journal of Applied Animal Science 9 (4), 687-692
36.	Phenotypic characterization of local female duck populations in Indonesia (D Maharani , DNH Hariyono, DDI Putra, JH Lee, JHP Sidadolog)	2019	Journal of Asia-Pacific Biodiversity 12 (4), 508-514
37.	Genetic parameters of egg production trait in Alabio and Mojosari ducks under selection (I Damayanti, D Maharani and S Sudaryati)	2019	IOP Conf. Series: Earth and Environmental Science 387 (2019) 012083
38.	Breeding value of candidate bulls based on birth weight in Kebumen Ongole Grade Cattle (Akhmad Fathoni, Sumadi and Dyah Maharani)	2019	Proceeding of the 8th International Seminar on Tropical Animal Production, pp. 52-55
39.	The meat quality comparison of Ongole grade and Kebumen Ongole grade cattle (R Choiria, D Maharani , R Rusman)	2019	Proceeding of the 8th International Seminar on Tropical Animal Production (ISTAP), 159-163
40.	LD and Haplotype Block Analysis of SNPs on CAST Gene in Boerka Goat (D. Maharani , Antonius, S.P. Ginting, S. Elieser, A.Tarigan, I.G.S. Budisatria1, A. Batubara, D.N.H. Hariyono, and A.P.Z.N.L. Sari)	2019	Abstract Book of the 37th International Society for Animal Genetic Conference, pp. 138
41.	Identification of polymorphism in MC4R gene and its association with dry matter and crude protein intake in post-weaned Bligon goats (Latifah Latifah, Kustantinah Kustantinah, Dyah Maharani , Tety Hartatik)	2019	Abstract Book of the 37th International Society for Animal Genetic Conference, pp. 79
42.	The Allele and Genotype Distribution in SNP G. 408 C> G of FABP4 Gene in Kebumen Ongole Grade Cattle (A Fathoni, D Maharani , S Sumadi, T Hartatik)	2019	Abstract Book of the 37th International Society for Animal Genetic Conference, pp. 92
43.	Growth Performance on Sapudi Ewe's Birth Type in Sapudi Island, Madura, East Java, Indonesia (H Muarifah, D Maharani , S Bintara, IGS Budisatria)	2019	KnE Life Sciences, 174–178-174–178
44.	Determination of the Best Nonlinear Function in order to Estimate Brahman	2019	KnE Life Sciences, 122–129-122–129

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Female Cattle Growth (AHK Amrullah, D Maharani , DT Widayati)		
45.	Study on vaginal epithelial cells in Brahman cattle suspected reach puberty (Amrullah, A.H.K., Widayati, D.T., Maharani, D.)	2018	International Journal of Agricultural Technology, 2018, 14(7), pp. 997–1002
46.	Association of Melanocortin 4 Receptor gene polymorphism with growth traits in Bligon goat (Latifah, L., Maharani, D. , Kustantinah, A., Hartatik, T.)	2018	Journal of the Indonesian Tropical Animal Agriculture, 2018, 43(4), pp. 343–351
47.	Identification of MC4R gene and its association with body weight and body size in Kebumen Ongole Grade cattle (Maharani, D. , Fathoni, A., Sumadi,, Hartatik, T., Khusnudin, M.)	2018	Journal of the Indonesian Tropical Animal Agriculture, 2018, 43(2), pp. 87–93
48.	Estimates of heritability and breeding values for growth traits in Madura Cattle reared in Pamekasan Regency (Prihandini, P.W., Maharani, D. , Suparta, G., Sumadi)	2018	Asian Journal of Microbiology, Biotechnology and Environmental Sciences, 2018, 20(3), pp. 1040–1043
49.	Blood biochemical profile in fertile and repeat breeder ongole cross breed cows (Widayati, D.T., Bintara, S., Natawihardja, I., Maharani, D.)	2018	Pakistan Journal of Biological Sciences, 2018, 21(4), pp. 166–170
50.	Haplotype diversity of partial cytochrome b gene in Kebumen ongole grade cattle (Hartatik, T., Maharani, D. , Sidadolog, J.H.P., Fathoni, A., Sumadi)	2018	Tropical Animal Science Journal, 2018, 41(1), pp. 8–14
51.	Study of growth differentiation factor 9 (GDF9) gene polymorphism in Indonesian goats (Elieser, Simon and Maharani, Dyah and Budisatria, I Gede Suparta and Batubara, Aron and Hariyono, Dwi Nur Happy and Sari, ApriLianna Putri Zahara Nafsina Luvita)	2018	Proceedings of the first International Conference of Food and Agriculture 2018, 20-21 Oktober 2018, Denpasar, Indonesia, pp. 6-10
52.	Analysis of Genetic Diversity Indonesian Ducks Using Microsatellite Marker (Dyah Maharani , Dwi Nur Happy Hariyono, Sunghyun Cho, Prabuddha Manjula, Dongwon Seo, Nuri Choi, Jafendi Hasoloan Purba Sidadolog, Jun Heon Lee)	2018	Livestock Genomics Meeting 2018 Cambridge, pp. 21
53.	Ukuran Tubuh dan Pertumbuhan Pasca Sapih Sapi Jabres Jantan dan Betina Di Kecamatan Bantarkawung, Brebes, Jawa Tengah (Panjono, Siti Andarwati, Diah Tri Widayati, Chusnul Hanim, I Gede Suparta Budisatria, Dyah Maharani , dan Miftahush S. Haq)	2018	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik 2018 “Inovasi Teknologi Peternakan Menyongsong Era Industri 4.0”. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta, 5 November

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
			2018. Hal. 197-201. ISBN: 978-979-1215-33-6
54.	Identification of Distribution Single Nucleotide Polymorphism of Cytochrome B Gene in Kebumen Ongole Grade Cattle and Brahman Cattle	2017	Proceedings Abstract Book 36th International Society for Animal Genetic Conference (ISAG 2017) di Dublin, Irlandia, 16 – 21 Juli 2017. In University College Dublin (UCD).Page:75
55.	Genetic Parameter Estimation on Pra Production Traits of Alabio and Mojosari Ducks After Selection Based on Egg Production in Two Generation	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 266-275. ISBN: 978-979-1215-29-9
56.	Financial Analysis of Minister of Agriculture Regulation No. 49 / Permentan/PK. 440/10/2016 About the Ratio of Import Cattle	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 604-607. ISBN: 978-979-1215-29-9
57.	The Quality of Chilled Fat Tail Sheep Ram's Semen with Antioxidant Addition, Vitamin C and Vitamin E In Citrate Egg Yolk Extender	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 650-654. ISBN: 978-979-1215-29-9
58.	Phylogenetic Tree Analysis for Ongole Grade (Kebumen Cattle) Based on Partial SRY Gene	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 681-685. ISBN: 978-979-1215-29-9
59.	Identification Single Nucleotide Polimorphism of Melanocortin 4 Receptor Gene in Madura Cattle	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 691-695. ISBN: 978-979-1215-29-9
60.	Study on Vaginal Epithelial Cells in Ongole Grade Cattle Suspected Reach Puberty	2017	The 7th International Seminar on Tropical Animal Production (ISTAP),

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
			September 12-14, 2017, Yogyakarta, Indonesia. Pages: 743-747. ISBN: 978-979-1215-29-9
61.	Study on Vaginal Epithelial Cells in Ongole Grade Cattle Suspected Reach Puberty	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 743-747. ISBN: 978-979-1215-29-
62.	Phenotypic Characterization of Indonesian Local Ducks Based on Body Measurements	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 775-777. ISBN: 978-979-1215-29-9
63.	Restriction Enzyme Mapping of MC4R Gene in Bligon Goat Using Bioedit Program	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 778-781. ISBN: 978-979-1215-29-9
64.	Pre-Weaning Growth of Etawah Grade Kids Based on Doe's Hair Color Differences	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 818-823. ISBN: 978-979-1215-29-9
65.	Blood Biochemical Profile of Bali Cattle with Repeated Breeding Condition	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 840-843. ISBN: 978-979-1215-29-9
66.	The Effect of Starting Time of Hand Milking on Lactation Period and Milk Production of Etawah Crossbred Goat in Smallholder	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 850-854. ISBN: 978-979-1215-29-9
67.	Exterior Characteristics of Jabres Cattle at Brebes Regency, Central Java Province,	2017	The 7th International Seminar on Tropical Animal

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Indonesia		Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 889-894. ISBN: 978- 979-1215-29-9
68.	Body size identification of Jabres cattle as native cattle of Brebes Regency	2017	Program and Abstract Book of the Sixth SAADC Conference, Batu 16 – 19 October 2017“Wisdom of Using Local Resources for Development of Sustainable Animal Production in Developing Countries”. Batu City, Indonesia. Page: 3
69.	Exterior characteristics of female Gembrong goat in Karangasem, Bali	2017	Program and Abstract Book of the Sixth SAADC Conference, Batu 16 – 19 October 2017“Wisdom of Using Local Resources for Development of Sustainable Animal Production in Developing Countries”. Batu City, Indonesia. Page: 204
70.	The Estimation of Breeding Value of Rams at Technical Implementation Unit Development Center for Livestock Breeding in Margawati Garut, West Java	2017	Proceeding of the 1st International Conference on Tropical Agriculture. Springer, Cham. (Springer Link) p-ISBN: 978-3-319-60362-9 e- ISBN: 978-3-319-60363-6
71.	Genetic Analysis Using Partial Sequencing of Melanocortin 4 Receptor (MC4R) Gene in Bligon Goat	2017	Media Peternakan Vo. 40 No. 2, 2017. Hal. 71-77. ISSN 0126-0472 EISSN 2087-4634. DOI: https://doi.org/10.5398/medpet.2017.40.2.71 Available online at http://medpet.journal.ipb.ac.id/
72.	Breeding Value of Sires Based on off Spring Weaning Weight As a Recommendation for Selecting Kebumen Ongole Grade Cattle	2017	J. Indonesian Trop. Anim. Agric. Vol. 42(3):160-166, September 2017. pISSN 2087-8273 eISSN 2460-6278 http://ejournal.undip.ac.id/index.php/jitaa . DOI: 10.14710/jitaa.42.3.160-166
73.	Genetic Analysis Using Partial Sequencing	2017	Media Peternakan, August

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	of Melanocortin 4 Receptor (MC4R) Gene in Bligon Goat		2017, 40(2):71-77. ISSN 0126-0472 EISSN 2087-4634. Penerbit: IPB DOI: https://doi.org/10.5398/medpet.2017.40.2.71 Available online at http://medpet.journal.ipb.ac.id/
74.	Penggunaan Marker Mikrosatelit dalam Studi Keragaman Genetik Antar Populasi Itik Lokal Indonesia di Pulau Jawa	2017	Seminar Nasional Teknologi dan Agribisnis Seri V “Teknologi dan Agribisnis Peternakan untuk Mendukung Ketahanan Pangan”. Fak. Peternakan Universitas Jendral Soedirman, Purwokerto, 18 November 2017.
75.	Analisis Keragaman Genetik Antar Populasi Itik Lokal Indonesia di Indonesia di Pulau Sumatera Menggunakan Marke	2017	Seminar Nasional Teknologi dan Agribisnis Seri V “Teknologi dan Agribisnis Peternakan untuk Mendukung Ketahanan Pangan”. Fak. Peternakan Universitas Jendral Soedirman, Purwokerto, 18 November 2017.
76.	The Motility of DEG Ram's Spermatozoa Before and After Freezing with Addition Antioxidant and Different Extender (Penulis ke-3 dari 4)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
77.	Identification of Single Nucleotide Polimorphism of Melanocortin 4 Receptor Gene in Bligon Goat (Penulis ke-4 dari 5)	2016	Proceeding The 3 rd APIS and 3rd ARCAP in Batu October 19-21, 2016
78.	Color Variation of Indonesian Native Ducks (Penulis ke-2 dari 4)	2016	Proceeding The 3 rd APIS and 3rd ARCAP in Batu October 19-21, 2016
79.	Doe Productivity of Etawah Grade Does Based on Hair Color Differences (Penulis ke-3 dari 3)	2016	Proceeding The 3 rd APIS and 3rd ARCAP in Batu October 19-21, 2016

Courses

1. Rancangan Percobaan
2. Genetika
3. Metodologi Penelitian
4. Statistika
5. Dasar Analisis Genetik
6. Ilmu Pemuliaan Ternak

7. Dasar Teknik Pembibitan Ternak Ruminansia dan Non Ruminansia
8. Desain Penelitian
9. Pemuliaan Ternak Lanjut
10. Perbaikan Mutu Genetik Ternak
11. Sitogenetika
12. Pendekatan Molekuler untuk Pemuliaan Ternak

Achievements/Awards

No.	Prestasi/Penghargaan <i>Achievements/Awards</i>	Tahun <i>Year</i>
1.	Rekoris MURI bidang perintis dan penemu: Penemu Marker DNA untuk seleksi ayam yang baik untuk kesehatan manusia	2020
2.	The 3rd best Lecturer (Dosen Berprestasi) awarded by Universitas Gadjah Mada, Yogyakarta Indoensia	2017
3.	Patent awarded No. 10-1273333: "The DNA Marker for fatty acid composition in Broiler chicken" provided by Commisioner, The Korean Intellectual Property Office, South Korea	2013
4.	Excellent Oral Presentation Award in 44th Conference of Korean Society for Food Science of Animal Resources, Kangwon-do, South Korea	2012
5.	Korean Government Scholarship Program Awardee 2008 for PhD program	2008-2012
6.	Research Assistant in School of Animal Biology, University of Western Australia	2006-2008