

Staff Handbook

Name	<i>Ir. Dyah Maharani, S.Pt., M.P., Ph.D., IPM.</i>		
Post	<i>Teaching area and designation</i>		
Academic career	<i>Professional Engineering (IPM)</i>	<i>Universitas Gadjah Mada</i>	<i>2018</i>
	<i>Doctorate</i>	<i>Chungnam National University I South Korea</i>	<i>2012</i>
	<i>Graduate degree</i>	<i>Universitas Gadjah Mada</i>	<i>2000</i>
	<i>Undergraduate degree</i>	<i>Universitas Gadjah Mada</i>	<i>1994</i>
Employment	<i>Associate Professor</i>	<i>Universitas Gadjah Mada</i>	<i>2019-present</i>
	<i>Assistant Professor</i>	<i>Universitas Gadjah Mada</i>	<i>2013-2019</i>
Research and development projects over the last 5 years	<p><i>Research projects:</i></p> <ol style="list-style-type: none"> <i>1. Phenotypic Characterization and Analysis of Genetic Diversity Based on Microsatellite Markers in Indonesian Native Chickens (Year 2) – Leader of Researchers (2021)</i> <i>Source of Funds: Basic Research, PTNBH-Kemenristekdikti</i> <i>2. Efforts to Increase the Genetic Potential of Indonesian Local Ducks Through Identification of DNA Markers as a Selection Tool for Economical Traits (Year 1) – Leader of Researchers (2021)</i> <i>Source of Funds: Basic Research, PTNBH-Kemenristekdikti</i> <i>3. Formation of Bulaksumur Chicken (Year 2) – Leader of Researchers (2021)</i> <i>Source of Funds: PRN Grant - Kemenristek Brin and LPDP</i> <i>4. Formation of Bulaksumur Chicken (Year 1) – Leader of Researchers (2020)</i> <i>Source of Funds: PRN Grant - Kemenristek Brin and LPDP</i> <i>5. Phenotypic Characterization and Analysis of Genetic Diversity Based on Microsatellite Markers in Indonesian Indigenous Chickens (Year 1) – Leader of Researchers (2020)</i> <i>Source of Funds: Basic Research, PTNBH-Kemenristekdikti</i> <i>6. Parameters of Genetic Estimation, Population Dynamics and Output of Aceh Cattle at the Indrapuri Superior Cattle Breeding and Forage Center – Leader of Researchers (2020)</i> <i>Source of Funds: RTA Universitas Gadjah Mada</i> <i>7. Evaluation of the Utilization of Recordings and Applications of Electronic Cattle Records on the Performance of Calves and Dairy Cattle in Sleman Regency – Member of Researchers (2020)</i> <i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i> 		

	<p>8. <i>Evaluation of the Electronic Cattle Recording Application on the Performance of Dairy and Mother Dairy Cattle in Sleman Regency – Member of Researchers r (2020)</i></p> <p><i>Source of Funds: Postgraduate Grants, Universitas Gadjah Mada Faculty of Animal Science</i></p> <p>9. <i>Assistance of Breeders for Members of the Cooperative for Business Facilities for the Prosperous Residents of Cangkringan Sleman to Provide Dairy Cattle Seeds Independently During the Covid-19 Pandemic Period – Member of Researchers (2020)</i></p> <p><i>Source of Funds: TTG Grant</i></p> <p>10. <i>Estimation of Genetic Parameters for Egg Production and Identification of Selected Duck Prolactin Genes at BPTU HPT-Pelaihari (2019)</i></p> <p><i>Source of Funds: RTA Universitas Gadjah Mada</i></p> <p>11. <i>Potential and Genetic Analysis of Sumba Ongole Cattle in East Sumba Regency, East Nusa Tenggara Province (2019)</i></p> <p><i>Source of Funds: Basic Research for Higher Education, Ristekdikti</i></p> <p>12. <i>Improving the Genetic Quality of Indonesian Local Goats Through DNA Marker Identification as a Selection Tool for the Economic Traits of the Nine Nations of Indonesian Goats (Year 2) – Leader of Researchers (2019)</i></p> <p><i>Source of Funds: Basic Research, Ristekdikti</i></p> <p>13. <i>MYF5 Gene Polymorphism in Ongole Kebumen Cattle and Its Association on Growth Traits - Member (2019)</i></p> <p><i>Source of Funds: Research by Young Lecturers, UGM</i></p> <p>14. <i>Formation of Village Chicken Base Population Based on Feather Color – Leader of Researchers (2019)</i></p> <p><i>Source of Funds: Research by Young Lecturers, UGM</i></p> <p>15. <i>DNA Detection Markers Using GH Genes for Selection of Super Village Chickens Based on Growth Traits – Leader of Researchers (2019)</i></p> <p><i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>16. <i>Productivity and Genetic Analysis of Offspring Results of Crossing Gembrong Goats with Etawah Crossbreeds Year 3– Member (2018)</i></p> <p><i>Source of Funds: PMDSU, Ristekdikti</i></p> <p>17. <i>Analysis of the Potential and Efforts to Improve the Performance of Jabres Cattle in Bantarkawung, Brebes Regency – Year 3 - Member (2018)</i></p> <p><i>Source of Funds: PMDSU, Ristekdikti</i></p> <p>18. <i>Detection of Single Nucleotide Polymorphism Melanocortin 4</i></p>
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	<p><i>Receptor Gene and Its Relationship with Growth Traits and Feed Nutrient Intake in Bligon Goats Year 3-(Member of 4 Researchers) (2018)</i></p> <p><i>Source of Funds: PMDSU, Ristekdikti</i></p> <p>19. <i>Improving the Genetic Quality of Indonesian Local Goats Through DNA Marker Identification as a Selection Tool for the Economic Traits of the Nine Nations of Indonesian Goats (2018)</i></p> <p><i>Source of Funds: Competency-Based Research, Ristekdikti</i></p> <p>20. <i>Potential and Genetic Analysis of Sumba Ongole Cattle in East Sumba Regency, East Nusa Tenggara Province (2018)</i></p> <p><i>Source of Funds: PDUPT, Ristekdikti</i></p> <p>21. <i>Formation of Basic Population and Village Chicken Lines as a Provider of Meat Chicken Seeds (2018)</i></p> <p><i>Source of Funds: PDUPT, Ristekdikti</i></p> <p>22. <i>Identification and Polymorphism of Leptin Genes in Ongole Kebumen Cattle (2018)</i></p> <p><i>Source of Funds: Capacity Building for Young Lecturer Researchers, Universitas Gadjah Mada</i></p> <p>23. <i>Identification of BMP-15 and GDF-9 Gene Polymorphisms of Etawah Crossbreeds at BBPTU-HPT Pelaihari, South Kalimantan (2018)</i></p> <p><i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada Postgraduate Research Grants</i></p> <p>24. <i>Detection of Single Nucleotide Polymorphism Melanocortin 4 Receptor Gene and Its Relationship to Growth Traits and Feed Nutrient Intake in Bligon Goats Year 2-(Member of 4 Researchers) (2017)</i></p> <p><i>Source of Funds: PMDSU</i></p> <p>25. <i>Analysis of the Potential and Efforts to Improve the Performance of Jabres Cattle in Bantarkawung, Brebes Regency (Member of 4 Researchers) (2017)</i></p> <p><i>Source of Funds: PMDSU</i></p> <p>26. <i>Productivity and Genetic Analysis of Offspring Results of Crossing Gembrong Goats with Etawah Crossbreeds (Member of 4 Researchers) (2017)</i></p> <p><i>Source of Funds: PMDSU</i></p> <p>27. <i>Identification and Analysis of FABP4 Gene Polymorphisms and Their Relationship to Growth Traits in Ongole Kebumen Cattle (Leader of 5 Researchers) (2017)</i></p> <p><i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>28. <i>Identification of Genetic Diversity and Relationship among Duck</i></p>
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	<p><i>Population of Indonesia using Microsatellite Marker- Year 2 (Leader of 2 Researchers) (2017)</i></p> <p><i>Source of Funds: Overseas Cooperation</i></p> <p>29. <i>Comparative Study of Genetic Marker Sequences for Reproductive and Growth Traits in Goats and Cattle (Member of 5 Researchers) (2017)</i></p> <p><i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada Postgraduate Research Grants</i></p> <p>30. <i>Effects of Ethanol and Tween 80 as Solvents of Vitamin E in Andromed Diluent in the Production of Fat-tailed Sheep Frozen Cement (2017)</i></p> <p><i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>31. <i>Analysis of the Potential and Efforts to Improve the Performance of Jabres Cattle in Bantarkawung, Brebes Regency (Member of 4 Researchers) (2016)</i></p> <p><i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada Postgraduate Research Grants</i></p> <p>32. <i>Productivity and Genetic Analysis of Offspring Results of Crossing Gembrong Goats with Etawah Crossbreeds – Year 1 (Member of 4 Researchers) (2016)</i></p> <p><i>Source of Funds: PMDSU</i></p> <p>33. <i>Analysis of the Potential and Efforts to Improve the Performance of Jabres Cattle in Bantarkawung, Brebes Regency – Year 1 (Member of 4 Researchers) (2016)</i></p> <p><i>Source of Funds: PMDSU</i></p> <p>34. <i>34. Detection of Single Nucleotide Polymorphism Melanocortin 4 Receptor Gene and Its Relationship to Growth Traits and Feed Nutrient Intake in Bligon Goats – Year 1 (Member of 4 Researchers) (2016)</i></p> <p><i>Source of Funds: PMDSU</i></p> <p>35. <i>Program for Improving the Genetic Quality of Fat-Tailed Sheep through the Production of Frozen Semen and Identification of Candidate Genes with Economic Value in the Sapudi-Madura and Mojokerto-East Java Islands (Sole Researcher) (2016)</i></p> <p><i>Source of Funds: PUPT DIKTI</i></p> <p>36. <i>Development Pattern of Jabres Cattle Farm in the Seed Source Area, Bantarkawung District and Dependency of Brebes Regency (Member of 4 Researchers) (2016)</i></p> <p><i>Source of Funds: PUPT DIKTI</i></p> <p>37. <i>Gembrong Goat Rescue Program Through Frozen Semen Production and Male Marriage Arrangements in Bali, East Java and</i></p>
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	<p><i>North Sumatra (Member of 3 Researchers) (2016)</i></p> <p><i>Source of Funds: PUPT DIKTI</i></p> <p>38. <i>Identification of Genetic Diversity and Relationship among Duck Population of Indonesia using Microsatellite Marker- Year 1 (Leader of 2 Researchers) (2016)</i></p> <p><i>Source of Funds: Overseas Cooperation</i></p> <p>39. <i>Identification of Purity of Kebumen Ongole Breeds Based on Cytochrome B (Cyt-b) Gene Markers and SRY Genes (Member of 3 Researchers) (2016)</i></p> <p><i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada Postgraduate Research Grants</i></p> <p>40. <i>Performance of Artificially Inseminated Etawah Crossbreeds Using Frozen Semen Gembrong Goat (Member of 4 Researchers) (2016)</i></p> <p><i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada Postgraduate Research Grants</i></p> <p>41. <i>Biochemical Profile of Blood and Estrogen in Indonesian Local Cattle Experiencing Repeated Mating (Member of 4 Researchers) (2016)</i></p> <p><i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada Postgraduate Research Grants</i></p> <p><i>Community Service over the last 5 years</i></p> <ol style="list-style-type: none"> 1. <i>Assistance of Breeders for Members of the Cooperative for Business Facilities for the Prosperous Citizens of Cangkringan Sleman in an Effort to Provide Dairy Cattle Seeds Independently During the Covid-19 Pandemic Period (2020)</i> <p><i>Source of Funds: Universitas Gadjah Mada</i></p> <ol style="list-style-type: none"> 2. <i>Application of the Recording System for Dairy Cattle Contests for Breeders Members of the Prosperous Citizens Cooperative as an Effort to Provide Superior Seeds Independently (2020)</i> <p><i>Source of Funds: Universitas Gadjah Mada</i></p> <ol style="list-style-type: none"> 3. <i>Revitalization of Livestock Recording Activities at the Ongole Breeders Association of Kebumen (2019)</i> <p><i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada</i></p> <ol style="list-style-type: none"> 4. <i>Counseling on Inbreeding Prevention through Marriage Arrangements and Artificial Insemination in Ongole Kebumen Cattle in Klirong District, Kebumen Regency, Central Java (2018)</i> <p><i>Source of Funds: Thematic Service Grants for the Faculty of Animal Science Universitas Gadjah Mada</i></p> <ol style="list-style-type: none"> 5. <i>Training on Procedure for Selection of Ongole Kebumen Crossbreed Bulls through Simulation of Livestock Contests in Klirong District, Kebumen Regency, Central Java Province (2017)</i>
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	<p><i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>6. <i>Socialization of Online Recording at PERKKANAS, Kulon Progo (2017)</i></p> <p><i>Source of Funds: Self-funded</i></p> <p>7. <i>Training on Procedure for Selection of Ongole Breeds (PO) Based on Quantitative and Qualitative Characteristics in Klirong District, Kebumen Regency, Central Java (2016)</i></p> <p><i>Source of Funds: Thematic Service Grants for the Faculty of Animal Science Universitas Gadjah Mada</i></p>
Industry collaborations over the last 5 years	<p>1. <i>Project title: Education, Research, and Community Service</i> <i>Partners: PT Japfa Comfeed Indonesia Tbk</i></p> <p>2. <i>Project title: Livestock Industry Internship Cooperation</i> <i>Partners: PT Japfa Comfeed Indonesia Tbk</i></p>
Patents and proprietary rights	-
Important publications over the last 5 years	<p><i>Total number of publications: 80</i></p> <p>1. <i>The Potency of Leptin Gene as a Selection Marker of Economic Traits for Madura Cattle: Preliminary Study (Tristiano Nugroho, Tri Satya Mastuti Widi, Dyah Maharani) (2021)</i></p> <p><i>Publisher: Advances in Biological Sciences Research, Volume 18 Proceedings of the 9th International Seminar on Tropical Animal Production (ISTAP 2021)</i></p> <p>2. <i>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)</i></p> <p><i>Publisher: Journal of the Indonesian Tropical Animal Agriculture, 2021, 46(1), pp. 1–11</i></p> <p>3. <i>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)</i></p> <p><i>Publisher: IOP Conference Series: Earth and Environmental Science, 2021, 667(1), 012033</i></p> <p>4. <i>Association of SNP T125A on KiSS1 gene with reproduction hormone levels in Kaligesing goat (Hardyta, G., Widayati, D.T., Maharani, D.) (2020)</i></p> <p><i>Publisher: Journal of the Indonesian Tropical Animal Agriculture, 2020, 45(4), pp. 253–260</i></p>

5. *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)*
Publisher: Journal of the Indonesian Tropical Animal Agriculture, 2020, 45(3), pp. 173–180
6. *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)*
Publisher: Journal of Animal and Plant Sciences, 2020, 30(3), pp. 552–559
7. *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)*
Publisher: Iranian Journal of Applied Animal Science, 2020, 10(2), pp. 303–309
8. *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)*
Publisher: IOP Conference Series: Earth and Environmental Science, 2020, 465(1), 012044
9. *Body weight, body measurements and slaughter characteristics of madura cattle raised in Pamekasan District, East Java Province, Indonesia (Prihandini, P.W., Maharani, D., Sumadi) (2020)*
Publisher: Biodiversitas, 2020, 21(8), pp. 3415–3421
10. *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)*
Publisher: Journal of Animal Behaviour and Biometeorology, 2020, 8, pp. 136–141
11. *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)*
Publisher: Iranian Journal of Applied Animal Science, 2020, 10(4), pp. 603–609
12. *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)

Publisher: Proceedings of the International Conference on Industrial Engineering and Operations Management, 1: 3023-3033

13. *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)*

Publisher: Journal of Animal Behaviour and Biometeorology (2020) Vol.8, No. 2:136-141

14. *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)*

Publisher: The Journal of Animal and Plant Sciences, 30(3): 2020, pages: 552-559

15. *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)*

Publisher: Asian-Australasian Journal of Animal Sciences 2019 Jan;32(1):31-37

16. *Dairy Content As Selection Method for High Production Cattle in Sarana Usaha Warga Sejahtera Cooperative Sleman (Yuni Suranindyah, Sumadi, **Dyah Maharani**, Akhmad fathoni, Glorina Desviani, Nurulia Hidayah) (2020)*

Publisher: Programme Book The 2nd International Conference on Community Engagement and Education for Sustainable Development (ICCEESD) 2020. Yogyakarta 24-25 November 2020, page: 140

17. *Gen Melanocortin-4 Receptor (MC4R) sebagai Gen Utama untuk Seleksi Pertumbuhan Cepat pada Sapi Potong (Peni Wahyu Prihandini, **D. Maharani**) (2020)*

Publisher: 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.pertanian.go.id/index.php/wartazoa/article/view/1955/1640>. <http://dx.doi.org/10.14334/wartazoa.v29i2.1955>.

Penerbit: Puslitbang Peternakan, Kementerian Pertanian.

18. *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)*

*Publisher: 2nd ITAPS, Kendari, Sulawesi 22-24 November 2019.
Penyelenggara: Universitas Halu Oleo, Sulawesi*

19. *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)*

Publisher: 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/kls.v4i11.3860

20. *Genetic parameters of egg production trait in Alabio and Mojosari ducks under selection (Damayanti, I., **Maharani, D.**, Sudaryati, S.) (2019)*

Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012083

21. *Identifying the stakeholders and sustainability indicators for sonok breeding system (Nugroho, T., **Maharani, D.**, Widi, T.S.M.) (2019)*

Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012133

22. *Identification of single nucleotide polymorphisms and restriction enzyme on prolactin gene in Alabio and Mojosari duck (Damayanti, I., **Maharani, D.**, Sudaryati, S.) (2019)*

Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012079

23. *The effect of birth type on quantitative characteristics in pre-weaned Bligon goats (Kurniawati, N., Latifah., **Maharani, D.**, Kustantinah., Hartatik, T.) (2019)*

Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012054

24. *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)*

Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012129

25. *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)*

Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012057

26. *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)*

Publisher: Journal of Asia-Pacific Biodiversity, 2019, 12(4), pp. 508–514

27. *Allelic and genotypic distribution in single nucleotide polymorphism (SNP) G.676A > 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.) (2019)*

Publisher: Iranian Journal of Applied Animal Science, 2019, 9(4), pp. 687–692

28. *Melanocortin-4 receptor (MC4R) gene polymorphism and its effect on growth traits in Madura cattle (Prihandini, P.W., Sumadi, Suparta, G., Maharani, D.) (2019)*

Publisher: Journal of the Indonesian Tropical Animal Agriculture, 2019, 44(1), pp. 38–46

29. *Comparison Study of Melanocortin 4 Receptor in Cattle, Buffalo, Sheep and Goat Based on Genbank Data (Latifah, Maharani D., Kustantinah,, Hartatik, T.) (2019)*

Publisher: Proceedings-2018 1st International Conference on Bioinformatics, Biotechnology, and Biomedical Engineering, BioMIC 2018, 2019, 8610582

30. *Measuring the sosial 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)*

Publisher: Journal of the Indonesian Tropical Animal Agriculture, 2019, 44(2), pp. 220–227

31. *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)*

Publisher: Journal of the Indonesian Tropical Animal Agriculture, 2019, 44(2), pp. 125–134

32. *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)

Publisher: Asian-Australasian Journal of Animal Sciences, 2019, 32(1), pp. 31–37

33. *Kambing Peranakan Etawah: Kepala Hitam atau Cokelat (IGS Budisatria, D Maharani, A Ibrahim) (2019)*

Publisher: Buku, UGM PRESS

34. *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)*

Publisher: KnE Life Sciences, 149–155

35. *Melanocortin-4 receptor (MC4R) gene as the main gene for rapid growth selection in beef cattle (PW Prihandini, D Maharani) (2019)*

Publisher: Indonesian Bulletin of Animal and Veterinary Sciences 29 (2), 85-96

36. *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)*

Publisher: Iranian Journal of Applied Animal Science 9 (4), 687-692

37. *Phenotypic characterization of local female duck populations in Indonesia (D Maharani, DNH Hariyono, DDI Putra, JH Lee, JHP Sidadolog) (2019)*

Publisher: Journal of Asia-Pacific Biodiversity 12 (4), 508-514

38. *Genetic parameters of egg production trait in Alabio and Mojosari ducks under selection (I Damayanti, D Maharani and S Sudaryati) (2019)*

Publisher: IOP Conf. Series: Earth and Environmental Science 387 (2019) 012083

39. *Breeding value of candidate bulls based on birth weight in Kebumen Ongole Grade Cattle (Akhmad Fathoni, Sumadi and Dyah Maharani) (2019)*

Publisher: Proceeding of the 8th International Seminar on Tropical Animal Production, pp. 52-55

40. *The meat quality comparison of Ongole grade and Kebumen Ongole grade cattle (R Choiria, D Maharani, R Rusman) (2019)*

Publisher: Proceeding of the 8th International Seminar on Tropical

Animal Production (ISTAP), 159-163

41. *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)*

Publisher: Abstract Book of the 37th International Society for Animal Genetic Conference, pp. 138

42. *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)*

Publisher: Abstract Book of the 37th International Society for Animal Genetic Conference, pp. 79

43. *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)*

Publisher: Abstract Book of the 37th International Society for Animal Genetic Conference, pp. 92

44. *Growth Performance on Sapudi Ewe's Birth Type in Sapudi Island, Madura, East Java, Indonesia (H Muarifah, D Maharani, S Bintara, IGS Budisatria) (2019)*

Publisher: KnE Life Sciences, 174–178-174–178

45. *Determination of the Best Nonlinear Function in order to Estimate Brahman Female Cattle Growth (AHK Amrullah, D Maharani, DT Widayati) (2019)*

Publisher: KnE Life Sciences, 122–129-122–129

46. *Study on vaginal epithelial cells in Brahman cattle suspected reach puberty (Amrullah, A.H.K., Widayati, D.T., Maharani, D.) (2018)*

Publisher: International Journal of Agricultural Technology, 2018, 14(7), pp. 997–1002

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<p>Activities in specialist bodies over the last 5 years</p>	<p>-</p>

