

Staff Handbook

Name	<i>Ir. Panjono, S. Pt., M.P., Ph.D., IPM., ASEAN Eng.</i>		
Post	<i>Meat, Draught, and Companion Animals Production</i>		
Academic career	<i>Professional Engineering (IPM)</i>	<i>Universitas Gadjah Mada</i>	<i>2018</i>
	<i>Doctorate</i>	<i>Graduate School, Kangwon National University, Korea</i>	<i>2009</i>
	<i>Graduate degree (Animal Science)</i>	<i>Universitas Gadjah Mada</i>	<i>2004</i>
	<i>Undergraduate degree (Animal Science)</i>		<i>1994</i>
Employment	<i>Associate Professor</i>	<i>Universitas Gadjah Mada</i>	<i>2016-present</i>
	<i>Assistant Professor</i>	<i>Universitas Gadjah Mada</i>	<i>2011-2016</i>
Research and development projects over the last 5 years	<p><i>Research projects:</i></p> <ol style="list-style-type: none"> <i>1. Development of Pogasi Cattle in the Lowlands (2021)</i> <i>Source of Funds : National Priority Research</i> <i>2. Cattle Post-weaning Growth Performance on Different Portions of Belgian Blue Blood (2021)</i> <i>Source of Funds : Center of Excellence, Faculty of Animal Science UGM</i> <i>3. Evaluation of Indonesian Pacu Horse Grading-up, Study of Productivity, Genetics, and its Development (2021)</i> <i>Source of Funds : Postgraduate Grants, Faculty of Animal Science UGM</i> <i>4. Dynamics of Population Development of Bligon Goats as Genetic Resources for Local Livestock in Bantul Regency, Special Region of Yogyakarta (2020)</i> <i>Source of Funds : Basic Research, PTNBH-Kemenristekdikti</i> <i>5. Optimizing the Use of Corn Fodder as Rabbit Feed (2020)</i> <i>Source of Funds : Thematic Grant for the Laboratory of the Faculty of Animal Science UGM</i> <i>6. Improving Sheep Productivity through Crossing Garut and Dorper (2020)</i> <i>Source of Funds : Postgraduate Grants, Faculty of Animal Science UGM</i> <i>7. Evaluation of the Growth of Calves from Belgian Blue Crosses (2019)</i> 		

	<p><i>Source of Funds : BOPTN BH UGM</i></p> <p>8. <i>Monitoring the Generation of Belgian Blue Crosses with Molecular Markers of Sex-Determining Region Y (2019)</i></p> <p><i>Source of Funds : Genes Basic Research, Ristekdikti</i></p> <p>9. <i>Increasing Local Cattle Productivity Through Improvement of Local Resource-Based Maintenance Management (2019)</i></p> <p><i>Source of Funds : Master Thesis Research, Ristekdikti</i></p> <p>10. <i>Additive Effects of Sanrego Leaves and Protein Supplementation on Increasing Libido and Sperm Quality of Fat Tailed Sheep (2019)</i></p> <p><i>Source of Funds : Leading University Applied Research, Ristekdikti</i></p> <p>11. <i>Growth Performance of Cows from Crossing Brahman Cross with Belgian Blue and Wagyu (2019)</i></p> <p><i>Source of Funds : Final Project Recognition Program, UGM</i></p> <p>12. <i>Video Documentary: Breeding Process on various maintenance systems (2019)</i></p> <p><i>Source of Funds : PIAT UGM</i></p> <p>13. <i>Development of Concentrated Feed to Improve the Performance of Mother Cattle on People's Livestock (2019)</i></p> <p><i>Source of Funds : Australia-Indonsea Partnership for Promotiaon Rusal Income through Support for Market in Agriculture (PRISMA)</i></p> <p>14. <i>Productivity and Palatability of Corn, Sorghum, Green Beans and Soybean Fodder as Rabbit Feed (2019)</i></p> <p><i>Source of Funds : Thematic Research Grant for the Faculty of Animal Science UGM</i></p> <p>15. <i>Growth and Health Status of Calves from Parent Shedding on Oil Palm Plantation with Supplementary Feed of Palm Kernel Oil (2018)</i></p> <p><i>Source of Funds : Applied Research Leading Higher Education (PTUPT), Ristekdikti</i></p> <p>16. <i>Maribaya Shepherd as a Center for Jabres Cattle Development in Brebes, Central Java (2018)</i></p> <p><i>Source of Funds : Leading Higher Education Applied Research (PTUPT), Ristekdikti</i></p> <p>17. <i>Optimizing the Potential of Jabres Cattle in the Seed Source</i></p>
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	<p><i>Area, Bantarkawung District, Brebes Regency (2018)</i></p> <p><i>Source of Funds : Leading Higher Education Applied Research (PTUPT), Ristekdikti</i></p> <p><i>18. Development of Learning Models Through E-Learning to Facilitate Access and Increase Students' Understanding of the (2018)</i></p> <p><i>Source of Funds : Beef Cattle Industry Course E-learning Grants, Universitas Gadjah Mada</i></p> <p><i>19. Development of the Science Tower Page for Beef Cattle Production System as a Source of Knowledge, Information and WEB-Based Learning Media (2018)</i></p> <p><i>Source of Funds : Tower of Science Grant, Gadjah Mada University</i></p> <p><i>20. Additive Effects of Sanrego Leaf and Protein Supplementation on Increasing Libido and Sperm Quality of Fat Tailed Sheep (2018)</i></p> <p><i>Source of Funds : Applied Research for Higher Education (PTUPT), Ristekdikti</i></p> <p><i>21. Monitoring the Generation of Belgian Blue Crosses with Molecular Markers of the Sex-Determining Gene Region Y (2018)</i></p> <p><i>Source of Funds : Competency-Based Research (PBK), Ristekdikti</i></p> <p><i>22. Development of Belgian Blue Cross Cattle to Increase Slaughter Weight and Meat Production (2018)</i></p> <p><i>Source of Funds : BOPTN</i></p> <p><i>23. Analysis of the Potential and Efforts to Improve the Performance of Jabres Cattle in Bantarkawung, Brebes Regency (2018)</i></p> <p><i>Source of Funds : Masters Education Research towards Doctorate for Superior Bachelors (PMDSU), Ristekdikti</i></p> <p><i>24. Parent Performance and Manure Production of Rex Rabbits Given Additional Feed in the Form of Green Bean Sprouts (2018)</i></p> <p><i>Source of Funds : Thematic Laboratory Grant, Faculty of Animal Science UGM</i></p> <p><i>25. Assessment of the Application of Animal Welfare in the Process of Slaughtering Cattle at PT. Pasir Tengah Cianjur West Java (2018)</i></p> <p><i>Source of Funds : Postgraduate Grant, Faculty of Animal Science UGM</i></p>
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	<p>26. <i>Monitoring the Generation of Belgian Blue Crosses with Molecular Markers of Sex-Determining Region Y Genes (Members) (2017)</i></p> <p>Source of Funds : HIKOM, DIKTI</p> <p>27. <i>Maribaya Pasture Development as a Jabres Cattle Development Center in Brebes, Central Java (Member) (2017)</i></p> <p>Source of Funds : PUPT, DIKTI</p> <p>28. <i>Analysis of the Potential and Efforts to Improve the Performance of Jabres Cattle in Bantarkawung, Brebes Regency (Member) (2017)</i></p> <p>Source of Funds : PMDSU</p> <p>29. <i>Development of Beef Cattle Production System Science Tower Page as a Source of Knowledge, Information and WEB-Based Learning Media (Member) (2017)</i></p> <p>Source of Funds : UGM</p> <p>30. <i>Development of Learning Models Through E-Learning to Facilitate Access and Increase Students' Understanding in the (2017)</i></p> <p>Source of Funds : UGM</p> <p>31. <i>Performance of Growth, Carcass Production and Meat Quality of Male Rex Rabbits at Different Ages (Members) (2017)</i></p> <p>Source of Funds : Thematic Laboratory of the Faculty. UGM</p> <p>32. <i>The Pattern of Jabres Cattle Farming Development in the Seed Source Area, Bantarkawung District and Dependency of Brebes Regency (Chairman of 4 Researchers) (2016)</i></p> <p>Source of Funds : PUPT DIKTI</p> <p>33. <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>Source of Funds : PMDSU</p> <p>34. <i>Detection of Single Nucleotide Polymorphism Gene Insulin-Like Growth Factor Binding Protein-3 in Brahman Cross Crossed Cows with Wagyu and Belgian Blue and Its Relationship to Growth Traits (Member of 4 Researchers) (2016)</i></p> <p>Source of Funds : PMDSU</p> <p>35. <i>Post-Weaning Growth of Etawah Crossbreeds (PE) Judging from Differences in Hair Color (Member of 6 Researchers) (2016)</i></p> <p>Source of Funds : Thematic Research Grant for the Faculty of</p>
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Animal Science UGM

36. Identification of Brahman Cattle Growth Traits Markers and Crossing Results of Brahman Cows (Member of 5 Researchers) (2016)

Source of Funds : Postgraduate Grants Faculty of Animal Science UGM

Community service over the last 5 years:

1. Livestock Business Management Training for Smallholder Farmer Batch I and II (2020-2021)

Source of funds : Indonesia Australia Red Meat Cattle Partnership

2. Development of Concentrated Feed to Improve the Performance of Cows and Calves for Smallholder Farmers (2020)

Source of Funds : PRISMA

3. Resource Person for Technical Guidance for Development Activities of 1000 Cattle Villages (2020)

Source of Funds : Ministry of Agriculture RI

4. Assistance in the Application of Biosecurity on Horses and Andongs at the Andong Association "Satria Jaya" Yogyakarta (2020)

Source of Funds : Thematic Grant for Laboratory Service Faculty of Animal Science UGM

5. Beef Cattle Breeding Management Training for the "Ngudi Rejeki" (2020)

Source of Funds : Beef Cattle Breeders Group, Faculty of Animal Science, UGM

6. Commercial Cattle Breeding and Management Training Program Batch III and IV (2019)

Source of Funds : Indonesia Australia Red Meat Cattle Partnership

7. Protable Retraining Box Application to Improve the Welfare of Sacrificial Cows at Al Ishlaah Mosque in Nitikan Village, Sorosutan, Umbulharjo, Yogyakarta. Development of Community Service Programs Based on Utilization of Research Results and Application of Appropriate Technology, Universitas Gadjah Mada (2019)

Source of Funds : Universitas Gadjah Mada

	<p>8. <i>Portable Restraining Box Application to Improve the Welfare of Sacrificial Cows at Al Ishlaah Mosque in Nitikan Village Sorosutan Umbulharjo Yogyakarta (2019)</i></p> <p><i>Source of Funds : TTG Grant, UGM</i></p> <p>9. <i>Development of a Sheep Farm at the Pondok Tetirah Dzikir Rehabilitation Center in Berbah District, Sleman as a Rehabilitative Therapy Advice and Source of Income for Pondok (2019)</i></p> <p><i>Source of Funds : Faculty of Animal Science, Gadjah Mada University</i></p> <p>10. <i>Development of the Role of Housewives Recipient of the Family Hope Program to Support Sufficient Food Needs for Families in Tempel Hamlet, Tentren Village, Candimulyo District, Magelang Regency (2019)</i></p> <p><i>Source of Funds : Faculty of Animal Science, Gadjah Mada University</i></p> <p>11. <i>Grooming Application to Maintain Appearance and Health and Improve Goat Performance in Tepus and Panggang Districts, Gunungkidul Regency (2019)</i></p> <p><i>Source of Funds : Faculty of Animal Science, Gadjah Mada University</i></p> <p>12. <i>Integrated Livestock Program Training and Assistance in Selobanteng Village, Banyuglugur District, Situbondo Regency-East Java (2019)</i></p> <p><i>Source of Funds : PT PJB UP Paiton</i></p> <p>13. <i>Goat Livestock Community-Based Economic Empowerment (2018)</i></p> <p><i>Source of Funds : Mandiri Amal Insani Foundation</i></p> <p>14. <i>Community Partnership Program in the “Jogja Feed” Feed Business Group to Support the “Lemu With Sheep Program” at the Yogyakarta Sheep Goat Breeders Union (PPKDY), Turi, Giri Kerto, Sleman, Yogyakarta (2018)</i></p> <p><i>Source of Funds : Community Service (PKM), Ristekdikti</i></p> <p>15. <i>Assistance in the Maintenance of Beef Cattle to Increase Productivity in the Mergo Andhini Makmur Cattle Group, Bolu Village, Seyegan, Sleman (2018)</i></p> <p><i>Source of Funds : Community Service (PKM), Ristekdikti</i></p> <p>16. <i>Lemu with Sheep Farmers with Partnership Pattern at Pondok</i></p>
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	<p><i>Tetirah Dhikr, Berbah, Sleman (2018)</i></p> <p><i>Source of Funds : Community Service (PKM), Ristekdikti</i></p> <p>17. <i>Implementation of the Goat Farming Business Segmentation System to Increase Livestock Productivity in the Sumber Gesang Makaryo Cattle Group, Dukuh Jeruken, Girisekar, Panggang, Gunungkidul (2018)</i></p> <p><i>Source of Funds : Thematic Service Grants Laboratoruim Faculty of Animal Science UGM</i></p> <p>18. <i>Assistance in the Maintenance of Beef Cattle to Increase Productivity in the Mergo Andhini Makmur Group, Bolu Seyegan Village, Sleman 2018 Postgraduate Grant. Faculty of Animal Science UGM</i></p> <p>19. <i>Beef Cattle "Maintenance and Housing". Free Lecture Materials For You Our Farmers Serve (2018)</i></p> <p><i>Source of Funds : Faculty of Animal Science UGM</i></p> <p>20. <i>Application of Cattle Feed Technology in Oil Palm Farmers-Cattle Farmers Group in Rokan Hulu Regency, Riau to Increase Livestock Productivity (2017)</i></p> <p><i>Source of Funds : LPPM UGM</i></p> <p>21. <i>Beef Cattle "Maintenance and Shelters" (Free Lecture "For You Our Farmers Serve") (2017)</i></p> <p><i>Source of Funds : Non-binding Funds</i></p> <p>22. <i>Goats and Sheep "Maintenance and Sheep" (Free Lecture "For You Farmers We Serve") (2017)</i></p> <p><i>Source of Funds : Non-binding Funds</i></p> <p>23. <i>Increasing Goat Productivity in the Sumber Makmur Livestock Group, Cepogo Padukuhan, Purwodadi, Tepus, Gunung Kidul (2017)</i></p> <p><i>Source of Funds : Thematic Grant from the Faculty of Medicine. UGM Farm</i></p> <p>24. <i>Application of the Technology Model for Feed Preservation and Rainwater Harvesting in the Gesang Makaryo Source Group, Jeruken Hamlet, Giri Sekar, Panggang, Gunungkidul (2016)</i></p> <p><i>Source of Funds : Development of Community Service Programs Based on the Utilization of Research Results and Application of Appropriate Technology, Gajah Mada University</i></p> <p>25. <i>Application of Flushing to Improve the Performance of Bligon Goats in the Ngudi Mulyo Group, Puleireng Padukuhan,</i></p>
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	<p><i>Sidoarjo, Tepus, Gunungkidul (2016)</i></p> <p><i>Source of Funds : Thematic Grants for the Faculty of Animal Science</i></p> <p><i>26. Application of Feed Management Based on Local Forage Sources for Sheep Farmers in the Gajah Wong Community, Ledhok, Timoho, Yogyakarta (2016)</i></p> <p><i>Source of Funds : Postgraduate Program Service Grants, Faculty of Animal Science UGM</i></p> <p><i>27. Implementation of the Mating and Flushing Communal System to Improve the Performance of Parent Goats at Mitra Manunggal Farmer Group, Giri Sekar Village, Panggang, Gunung Kidul (2016)</i></p> <p><i>Source of Funds : Service Grants for Postgraduate Program Faculty of Animal Science UGM</i></p> <p><i>28. Implementation of Communal Marriage System and Flushing Feeding to Improve Performance of Parent Goats in Ngudi Lestari Farmer Group, Tepus, Gunung Kidul (2016)</i></p> <p><i>Source of Funds : IbM (Science and Technology for the Community), DIKTI</i></p> <p><i>29. Integrated Local Potential-Based Community Empowerment for Food Independent, Energy Independent, and Prosperous Productive Communities in Kerek, Jenu, and Merakurak Districts, Tuban Regency, East Java (2016)</i></p> <p><i>Source of Funds : BPPTNBH (BH PTN Funding Assistance)</i></p> <p><i>30. Application of the Feed Preservation System and Rainwater Harvesting in the Makaryo Arid Source Group, Jeruken Girisekar Panggang Gunungkidul Village (2016)</i></p> <p><i>Source of Funds : BPPTNBH (BH PTN Funding Assistance)</i></p> <p><i>31. Open House "Ruminant Breeders" at the service activity "For You Our Farmers Are Devoted" (September 3, 2016) (2016)</i></p> <p><i>Source of Funds : PT SANTORI</i></p> <p><i>32. Global Leadership Program 2015-2016 Faculty of Animal Science UGM and Center for Animal Life Senary Industry Specialization, Kangwon National University, Korea</i></p>
<p>Industry collaborations over the last 5 years</p>	<p>-</p>
<p>Patents and proprietary rights</p>	<p><i>Clamping Cage for Slaughtering Cows</i> 2021 <i>(Patent; Bayu Andri Atmoko, Endy Triyannanto, Muhammad Danang Eko</i></p>

	<p>Yulianto, Panjono, Widagdo Sri Nugroho)</p> <p>Concentrated Feed for Cattle Based on Plantation and Agricultural Waste (Simple patent; Endang Baliarti, Ali Agus, I Gede Suparta Budisatria, Bambang Suhartanto, Budi Guntoro, Panjono, Yunardi, Bambang Suwignyo, Sigit Bintara, Fransiskus Trisakti Haryadi, Bayu Andri Atmoko, Hamdani Maulana)</p> <p style="text-align: right;">2019</p>
<p>Important publications over the last 5 years</p>	<p>Total number of publications: 78</p> <ol style="list-style-type: none"> 1. <i>Estrous Signs and Progesterone Profile of Ongole Grade Cows Synchronized at Different Ages Fed Different Level of Dietary Crude Protein</i> (Hayati, R.N., Panjono., Irawan, A.) (2021) <i>Publisher : Tropical Animal Science Journal, 2021, 44(1), pp. 16–23</i> 2. <i>Sustainability studies of smallholder livestock based on climatological conditions, land resources and farmer profile</i> (Anggraini, L.J., Panjono, Ngadiyono, N., Bintara, S., Baliarti, E.) (2021) <i>Publisher : IOP Conference Series: Earth and Environmental Science, 2021, 667(1), 012091</i> 3. <i>Properties of rabbit feces composting using indigenous Alcaligenes sp. LS2T and Arthrobacter sp. LM1KK</i> (Fitriyanto, N.A., Natalia, D., Prasetyo, R.A., Erwanto, Y., Panjono., Ngadiono, N.) (2021) <i>Publisher : IOP Conference Series: Earth and Environmental Science, 2021, 662(1), 012014</i> 4. <i>Membangun Sistem Integrasi Sawit-Sapi di Indonesia: Menuju Kemandirian di Bidang Produksi Sapi</i> (Endang Baliarti, Panjono, I Gede Suparta Budisatria) (2020) <i>Publisher : Buku: Cetakan 1, jumlah: 105 hal. Penerbit: Gadjah Mada University Press, Yogyakarta. ISBN: 978-602-386-874-6</i> 5. <i>Sexual behaviors of Ongole Crossbred bulls and cows with colony housing system</i> (E Baliarti, Panjono, M H Ali, T S M Widi, D E Yulianto, B A Atmoko, H Maulana, J Effendhy, P W Prihandini, and D Pamungkas) (2020) <i>Publisher : IOP Conf. Series: Earth and Environmental Science 465 (2020) 012045</i> 6. <i>Consumption and Body Weight of Bali Cows Fed Only Forage from a Palm Oil Plantation Under Indonesian Tropical Environmental Conditions</i> (Eny Endrawati, Panjono, Bambang

	<p><i>Suhartanto, Endang Baliarti) (2020)</i></p> <p><i>Publisher : Pakistan Journal of Nutrition Vol 9 No. 2: 86-90</i></p> <p>7. <i>Calf production of Bali cows in cattle-oil palm plantation integration system in Riau Province Indonesia (Endang Baliarti, I Gede Suparta Budisatria, Panjono, Bayu Andri Atmoko, Hamdani Maulana) (2020)</i></p> <p><i>Publisher : IOP Conference Series: Earth and Environmental Science, Volume 518 (2020) 012015</i></p> <p>8. <i>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)</i></p> <p><i>Publisher : The Journal of Animal and Plant Sciences, 30(3): 2020, pages: 552-559</i></p> <p>9. <i>Single Nucleotide Polymorphism of Sex Determining Region Y Gene Coding Sequences in Belgian Blue Bull and Wagyu Bull Crossbred Cattle (T Hartatik*, S Bintara, Ismaya, Panjono, B P Widyobroto, A Agus, I G S Budisatria and P Leroy) (2020)</i></p> <p><i>Publisher : IOP Conf. Series: Earth and Environmental Science 478 (2020) 012020</i></p> <p>10. <i>The Genotype of Growth Hormone Gene that Affects the Birth Weight and Average Daily Gain in Crossbred Beef Cattle (Tety Hartatik, Akhmad Fathoni, Sigit Bintara, Ismaya, Panjono, Budi Prasetyo Widyobroto, Ali Agus, I Gede Suparta Budisatria, Pascal Leroy) 2020 BIODIVERSITAS Volume 21 No. 3: 941-945</i></p> <p>11. <i>Growth Performance, Hematological and Mineral Profile of Post-Weaning Calves as Influenced by Inclusion of Pelleted-Concentrate Supplement Containing Essential Oils and Probiotics (B.M.W.T. Gading, A. Agus, A. Irawan and P. Panjono) (2020)</i></p> <p><i>Publisher : Iranian Journal of Applied Animal Science Volume 10 (3),2020: 461-467</i></p> <p>12. <i>The Effect of Altitude on Morphometrics of Bali Cattle in The Bali Province, Indonesia (Lanny Julistian A, Endang Baliarti, Panjono) (2020)</i></p> <p><i>Publisher : International Journal of Agriculture, Forestry and Plantation, Volume 10, 2020: 30-33.</i></p> <p>13. <i>Rescue Pregnant Cow in Smallholder Farmers Affected by Pandemic Covid-19 As an Application of Feed Technology of Concentrate (Endang Baliarti, Hamdani Maulana, Astrid Listia</i></p>
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Astrini, Ahmad baidlowi, Nono Ngadiyono, I Gede Suparta Budisatria, Panjono, Tri Satya Mastuti Widi, Danang Eko Yulianto, bayu Andri Atmoko) (2020)

Publisher : Programme Book The 2nd International Conference on Community Engagement and Education for Sustainable Development (ICCEESD) 2020. Yogyakarta 24-25 November 2020, page: 138-139

14. *Analisis Produktivitas Sapi dengan Pemeliharaan Terintegrasi Perkebunan Kelapa Sawit (Endang Baliarti, Hamdani Maulanai, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Panjono, Nono Ngadiyono, I Gede Suparta Budisatria) (2020)*

Publisher : Prosiding Integrated Cattle and Oil -Palm Production (ICOP) Conference 2019 "Promoting Profitable Cattle and Oil - Palm Integration", Jakarta, 23 October 2019. Hal: 218-226. Penerbit: BPPT Press, Jakarta.

15. *Publish: 13 Juni 2020. Penyelenggara Seminar: Deputi Teknologi Agroindustri dan Bioteknologi, Badan Pengkajian dan Penerapan Teknologi (BPPT) dan Indonesia Australia Red Meat and Cattle Partnership. ISBN: 978-602-410-165-7*

16. *Pertumbuhan Pra-Sapih Sapi Bali Pedet yang Dipelihara di Perkebunan Kelapa Sawit pada Musim Berbeda (Panjono, I Gede Suparta Budisatria, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Nono Ngadiyono, Hamdani Maulana, Bayu Andri Atmoko, and Endang Baliarti) (2020)*

Publisher : Prosiding Integrated Cattle and Oil -Palm Production (ICOP) Conference 2019 "Promoting Profitable Cattle and Oil - Palm Integration", Jakarta, 23 October 2019. Hal: 266-267. Penerbit: BPPT Press, Jakarta. Publish: 13 Juni 2020. Penyelenggara Seminar: Deputi Teknologi Agroindustri dan Bioteknologi, Badan Pengkajian dan Penerapan Teknologi (BPPT) dan Indonesia Australia Red Meat and Cattle Partnership. ISBN: 978-602-410-165-7

17. *Inovasi Teknologi Peternakan UGM mendukung Program Swasembada Pangan Hasil Ternak dan Peningkatan Kualitas SDM (Ali Agus, Panjono, Muhsin Al Anas, Agussalim) (2020)*

Publisher : Book Chapter, Judul: Pengalaman Melembagakan Inovasi. Penerbit: UGM Press, Yogyakarta. Editor: Hargo Utomo dan Ika Dewi Ana Edisi 1, cetakan 1, jumlah 208 halaman. ISBN: 978-602-386-803-2

18. *Accompaniment on Application of Concentrates as Cattle Feed for Palm-Oil Plantation Farmers (Endang Baliarti, Hamdani Maulana, Nono Ngadiyono, I Gede Suparta Budisatria,*

Panjono, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Bayu Andri Atmoko) (2020)

Publisher : Jurnal Pengabdian kepada Masyarakat (Indonesian Journal of Community Engagement) Vol. 6 No. 2: 51-61

19. Morphometry of Male Reproductive Organ and Sperm Evaluation of Belgian Blue Crossbreed Cattle as a Candidate of Superior Bull (Riyan Nugroho Aji, Panjono, Ali Agus, Budi Prasetyo Widyobroto, Tety Hartatik, I Gede Suparta Budisatria, Ismaya, Akhmad Fathoni, Dwi Astuti, and Sigit Bintara) (2020)

Publisher : Buletin Peternakan 44 (4): 200-202, November 2020

20. Introduksi Sapi Wagyu dan Potensi Pasar Daging di Indonesia (Nuzul Widyas, Panjono, Tri Satya Mastuti Widi) (2020)

Publisher : PB ISPI: <https://pb-ispi.org/introduksi-sapi-wagyu>
Edisi: Desember 2020. Halaman: 1

21. Association of IGF1BP-3 gene polymorphism g. 3.930 G>A with birth size and birth weight in crossbred beef cattle (Hartatik, T., D.A. Priyadi. Panjono, S. Bintara, Ismaya, I G.S. Budisatria, B.P. Widyobroto, and A. Agus) (2019)

Publisher : J. Indonesian Trop. Anim. Agric. 44(4):356-363.

22. Calf production of Bali cows in cattle-oil palm plantation integration system in Riau Province Indonesia (Endang Baliarti, I Gede Suparta Budisatria, Panjono, Bayu Andri Atmoko, Hamdani Maulana) (2019)

Publisher : The 5th International Seminar Agribusiness 2019. Faculty of Animal and Agricultural Sciences Diponegoro University

23. Analysis of Cattle Productivity kept Integrated with Oil Palm Plantations (Endang Baliarti, H. Maulana, T.S.M. Widi, M.D.E. Yulianto, Panjono, N. Ngadiyono, I.G.S. Budisatria) (2019)

Publisher : Integrated Cattle and Oil Palm Production (ICOP) Conference 2019. BPPT with Indonesia Australia Red Meat & Cattle Partnership

24. Bull and Cows Sexual Behavior of Ongole Crossbred Cattle Kept Colony Housing System (E Baliarti, Panjono, M H Ali, T S M Widi, D E Yulianto, B A Atmoko, H Maulana, J Effendhy, P W Prihandini, and D Pamungkas) (2019)

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

25. The effect of concentrate supplementation during pregnancy on calving performance in oil palm-cattle integrated system

	<p>(Endrawati, E., Panjono, Suhartanto, B., Baliarti, E.) (2019)</p> <p><i>Publisher : IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012064</i></p> <p>26. <i>Seasonal effect on productivity of Bali cows in oil palm plantation in Riau Province, Indonesia (Maulana, H., Panjono, Baliarti, E., Widayati, D.T., Budisatria, I.G.S.) (2019)</i></p> <p><i>Publisher : IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012075</i></p> <p>27. <i>Physiological conditions of Bali cattle based on daily temperature-humidity index (THI) in oil palm plantation (Putra, T.D., Bintara, S., Widayati, D.T., Panjono, Baliarti, E.) (2019)</i></p> <p><i>Publisher : IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012125</i></p> <p>28. <i>Phenotypic characteristics of Belgian Blue x Brahman Cross and Wagyu x Brahman Cross crossbred population (L L N Adi, A Agus, Panjono, B P Widyobroto, I G S Budisatria, Ismaya, S Bintara dan T Hartatik) (2019)</i></p> <p><i>Publisher : IOP Conf. Series: Earth and Environmental Science 387 (2019) 012036</i></p> <p>29. <i>The effect of Andromed® and coconut water + 20% egg yolk as diluent on semen motility of Belgian Blue cattle (R N Aji, Panjono, A Agus, B P Widyobroto, T Hartatik, I G S Budisatria, Ismaya, A Fathoni, S Kumala, S Bintara) 2019 IOP Conf. Series: Earth and Environmental Science 387 (2019) 012127</i></p> <p>30. <i>Diversifikasi Usaha Lintas Sektoral Melalui Optimalisasi Hasil Samping Perkebunan Kelapa Sawit di Indonesia (Endang Baliarti, H. Maulana, T.S.M. Widi, M.D.E. Yulianto, Panjono, N. Ngadiyono, I. G. S. Budisatria, B. A. Atmoko) (2019)</i></p> <p><i>Publisher : Seminar Nasional Teknologi Pangan dan Hasil Pertanian, Fakultas Teknologi Pertanian UGM, 2019, 15-17 Oktober 2019.</i></p> <p>31. <i>Sexual Behavior of Ongole Crossbred Bull and Cow Kept in Intermitten Colony Housing System (Baliarti B, Panjono, Widi TSM, Yulianto, DEY, Ali MH, Atmoko BA, Maulana H, Effendhy J , Prihandini PW, Pamungkas D) (2019)</i></p> <p><i>Publisher : Seminar Nasional Teknologi Peternakan dan Veteriner 2019. LP2M Universitas Negeri Jember, 15-17 Oktober 2019.</i></p> <p>32. <i>Integrated Cattle Farming Development and Assistance in the</i></p>
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	<p><i>Kandang Kalimasodo (Nono Ngadiyono, I Gede Suparta Budisatria, Endang Baliarti, Panjono, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Bayu Andri Atmoko) (2019)</i></p> <p><i>Publisher : Jurnal Pengabdian dan Pemberdayaan Masyarakat, Volume 3 No. 2 September 2019: 211-222</i></p> <p>33. <i>Carrying Capacity Estimation of Herbicide-Treated and Untreated Palm Oil Plantation for Bali Cows (Eny Endrawati, Panjono, Bambang Suhartanto, Endang Baliarti) (2019)</i></p> <p><i>Publisher : Buletin Peternakan Vol. 43 (2): 130-134, May 2019</i></p> <p>34. <i>The Effect of High Quality Feed Supplement on Growth Performance Post-Weaning Calves (Besse Mahbuba We Tenri Gading, Panjono, Ali Agus) (2019)</i></p> <p><i>Publisher : Buletin Peternakan Vol. 43 (2): 97-102, Mei 2019</i></p> <p>35. <i>Carcass and meat characteristics of male Bali cattle in Indonesiaan smallholder farm fed ration with different protein levels (Tahuk, P.K., S.P.S. Budhi, Panjono, and E. Baliarti) (2018)</i></p> <p><i>Publisher : Trop. Anim. Sci. J. 41(3):215-223</i></p> <p>36. <i>Kambing Peranakan Etawah: Kepala Hitam atau Cokelat ? (Budisatria, I.G.S., Panjono, D. Maharani, dan A. Ibrahim) (2018)</i></p> <p><i>Publisher : Cetakan Pertama. Gajah Mada University Press. Yogyakarta.</i></p> <p>37. <i>Detection of Single nucleotide polymorphism of Promoter SRY Gene on Bos taurus, Bos indicus and Bos sondaicus (T. Hartatik, Dwi Ahmad Priyadi, Panjono, Yudi Adinata) (2018)</i></p> <p><i>Publisher : Proceedings of the World Congress on Genetics Applied to Livestock Production, 2018. pp 109.</i></p> <p>38. <i>Carcass and Meat Characteristics of Male Bali Cattle in Indonesian Smallholder Farms Fed Ration with Different Protein Levels (Paulus Klau Tahuk, Subur Priyono Sasmito Budhi, Panjono, Endang Baliarti) 2018 Tropical Animal Science Journal Vol. 41 No. 3, 2018 pp 215-223</i></p> <p>39. <i>Exterior and Morphometric Characteritics of Bali Cattle and Their Crossed with Angus and Ongole Grade Cattle in Bungo, Jambi Province (Rahmi, N., Baliarti, E., Panjono, Widi, T.S.M., Noviandi, C.T., Putra, B.W. & Putra, D.T.) (2018)</i></p> <p><i>Publisher : E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 451</i></p> <p>40. <i>Effect of Addition of Vitamin E on Coconut Water Diluent In</i></p>
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	<p><i>Utomo, C.T. Noviandi and E. Baliarti (2017)</i></p> <p><i>Publisher : Asian Journal of Animal Sciences Vol. 11 No. 2: 65-73, 2017. ISSN 1819-1878 DOI: 10.3923/ajas.2017.65.73</i></p> <p><i>53. Genotype of Brahman and Brahman Crosses Cattle Based on SNP in Insulin-Like Growth Factor Binding Protein-3 (IGFBP-3) Gene Sequences (2017)</i></p> <p><i>Publisher : Biodiversitas Vol. 18, No. 2, April 2017. Pages: 795-800. ISSN: 1412-033X. E-ISSN: 2085-4722. DOI: 10.13057/biodiv/d180251.</i></p> <p><i>54. Participation of Jabres Cattle Farmers in the Development of Jabres Cattle Raising at Barokah Farmers Group Kebandungan Bantarkawung Brebes (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 628-633. ISBN: 978-979-1215-29-9</i></p> <p><i>55. Behavior of Bali Cows at Different Reproduction Phase that Kept in Oil Palm Environment (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 714-718. ISBN: 978-979-1215-29-9</i></p> <p><i>56. Nutrient Adequacy of Bali Cattle Fed Only Forage Derived From Palm Oil Plantation in Riau Indonesia (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 830-834. ISBN: 978-979-1215-29-9</i></p> <p><i>57. Characteristics of Ongole Grade Cows in the Kebumen Regency, Central Java Province (Ngadiyono, N., Panjono. S.P.S. Budhi and A.E. Susantireprod) (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 835-839. ISBN: 978-979-1215-29-9</i></p> <p><i>58. Exterior Characteristics of Jabres Cattle at Brebes Regency, Central Java Province, Indonesia (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 889-894. ISBN: 978-979-1215-29-9</i></p> <p><i>59. The productivity of kejobong and Bligon goats, local Indonesian goats developed by farmers (2017)</i></p> <p><i>Publisher : Program and Abstract Book of the Sixth SAADC</i></p>
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	<p style="text-align: center;"><i>Congress, 22-25 August 2016, Fukuoka, Japan</i></p> <p><i>74. Nitrogen Balance and Microbial Protein Synthesis of Bali Cattle Steers Fattening Fed Ration with Different Protein Levels in Smallholder Farms, West Timor, Indonesia (Author 3 of 4) (2016)</i></p> <p><i>Publisher : Proceedings of the 1st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia</i></p> <p><i>75. Productivity of Pre-Weaning Kids Under Smallholder Production System by Introduction of Superior Buck in Gunungkidul District (Author 6 of 7) (2016)</i></p> <p><i>Publisher : Proceedings of the 1st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia</i></p> <p><i>76. Postpartum Estrus Variation of Local Cows at Village Breeding Center in the Yogyakarta Province (Author 6 of 8) (2016)</i></p> <p><i>Publisher : Proceedings of the 1st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia</i></p> <p><i>77. Reproductive Performance of Jabres Cow at Ketanggungan District, Brebes Regency, Central Java Province, Indonesia (Author 1 of 7) (2016)</i></p> <p><i>Publisher : Proceedings of the 1st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia</i></p> <p><i>78. Doe Productivity of Etawah Grade Does Based on Hair Color Differences (Author 2 of 3) (2016)</i></p> <p><i>Publisher : Proceeding The 3rd APIS and 3rd ARCAP in Batu October 19-21, 2016</i></p>
<p>Activities in specialist bodies over the last 5 years</p>	<p style="text-align: center;">-</p>