

Staff Handbook

Name	<i>Prof. Dr. Ir. Endang Baliarti, SU.</i>		
Post	<i>Livestock Production and Work</i>		
Academic career	<i>Professor (Prof)</i> <i>Doctorate</i> <i>Graduate degree</i> <i>Undergraduate degree</i>	<i>Universitas Gadjah Mada</i> <i>Universitas Gadjah Mada</i> <i>Universitas Gadjah Mada</i> <i>Universitas Gadjah Mada</i>	<i>2001</i> <i>1999</i> <i>1986</i> <i>1976</i>
Employment	<i>Professor</i> <i>Associate Professor</i> <i>Assistant Professor</i>	<i>Universitas Gadjah Mada</i> <i>Universitas Gadjah Mada</i> <i>Universitas Gadjah Mada</i>	<i>2001-present</i> <i>1993-2001</i> <i>1985-1993</i>
Research and development projects over the last 5 years	<p><i>Research projects:</i></p> <ol style="list-style-type: none"> 1. <i>The Effect of Giving Mineral Blocks on the Performance of Sheep After Giving Birth (2021)</i> <i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i> 2. <i>Optimization of Palm Sludge Waste as an Economical and Sustainable Source of Protein Feed (2021)</i> <i>Source of Funds: PTUPT Simlitabmas 2021</i> 3. <i>Digitalization of Morphometric Performance, Characteristics, and Productivity of Local Cattle and Their Crosses with BosTaurus (2021)</i> <i>Source of Funds: RTA Universitas Gadjah Mada</i> 4. <i>Consumption, Weight Gain, and Reproductive Performance of Sheep with the Addition of Spirulina sp. as a Sheep Feed Protein Supplement (2021)</i> <i>Source of Funds: RTA Universitas Gadjah Mada</i> 5. <i>Implementation of IoT-Based Automatic Irrigation and Control System using LoRaWAN Transmission in PIAT Precision Plantation (2021)</i> <i>Source of Funds: UGM PIAT Grant</i> 6. <i>Morphometric Characteristics of Bali Cattle in Different Maintenance Systems and Height (2020)</i> <i>Source of Funds: Master Thesis Research, PTNBH Funding, Kemenristekdikti</i> 7. <i>Physical Characteristics and Morphometry of Bali Cattle in Breeding Centers and at the Level of Breeders in Various Regions in Indonesia (2020)</i> <i>Source of Funds: RTA Universitas Gadjah Mada</i> 8. <i>Sustainability of Beef Cattle Production System on PT Kitadin</i> 		

	<p><i>Embalut Coal Mining Land in Kutai Kartanegara Regency (2020)</i> <i>Source of Funds: RTA Universitas Gadjah Mada</i></p> <p>9. <i>Utilization of Dried Kangkung as Alternative Feed for Local Sheep in the Dry Season (2020)</i> <i>Source of Funds: Improving Research Capacity of Young Lecturers, DITLIT UGM</i></p> <p>10. <i>Beef Cattle Maintenance System Model in Sintang Regency Based on Regional Potential (2020)</i> <i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada Postgraduate Research Grants</i></p> <p>11. <i>The Impact of the Covid-19 Pandemic on Livestock Maintenance Patterns for Various Commodities at the Level of People's Livestock of the Special Region of Yogyakarta (DIY) (2020)</i> <i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>12. <i>Development of Concentrated Feed to Improve the Performance of Cattle and Calves for Smallholder Farmers (2020)</i> <i>Source of Funds: PRISMA</i></p> <p>13. <i>Design of Industrial-Scale Control System Prototype for IoT-Based Precision Plantation Irrigation Using Long Range Wide Area Network (LoRaWAN) Transmission (2019)</i> <i>Source of Funds: BOPTN BH PIAT UGM</i></p> <p>14. <i>Increase in Beef Cattle Productivity through Optimizing the Utilization of Forage Animal Feed that Grows Naturally in Oil Palm Plantations and Pastures (2019)</i> <i>Source of Funds: RTA UGM</i></p> <p>15. <i>Increasing the Productivity of Aceh Cattle by Providing Reinforcement Feeds with Different Compositions in North Aceh Regency (2019)</i> <i>Source of Funds: Excellent Basic Research for Higher Education, Ristekdikti</i></p> <p>16. <i>Growth and Health Status of Calves from Cows grazing under the Oil Palm Trees Supplemented with Concentrate (2019)</i> <i>Source of Funds: PTUPT, Ristekdikti</i></p> <p>17. <i>Development Strategy for Bali Cross Angus Cattle as Premium Meat Product by Local Feed Manipulation (2019)</i> <i>Source of Funds: Basic Research, Ristekdikti</i></p> <p>18. <i>Increasing Local Cattle Productivity Through Improved Local Resource-Based Maintenance Management (2019)</i> <i>Source of Funds: Master Thesis Research, Ristekdikti</i></p>
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	<p>19. Sexual Behavior of Ongole Breeds Bulls in Two Different Rearing Methods (2019) <i>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>20. Welfare of the Andong Female Horse in the Special Region of Yogyakarta (2019) <i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada Postgraduate Research Grants</i></p> <p>21. Growth and Health Status of Calves from Cows Grazing under the Oil Palm Trees Supplemented with Concentrate (2018) <i>Source of Funds: PTUPT, Ristekdikti</i></p> <p>22. Increased Productivity of Aceh Cattle by Feeding Reinforcement Feeds with Different Compositions in North Aceh Regency (2018) <i>Source of Funds: PDUPT, Ristekdikti</i></p> <p>23. Development Strategy of Bali Cross Angus Cattle as Premium Meat Producers Through Feed Manipulation (2018) <i>Source of Funds: PSNI, Ristekdikti</i></p> <p>24. Development of Bioanthelmintic Functional Feed: Use of Forage <i>Azadirachta indica</i> as Bioanthelmintic in Thin-tailed Sheep and In-Farm Observations in the Rojo Koyo Gama Mandiri Cooperative (2018) <i>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada Postgraduate Research Grants</i></p> <p>25. Sexual Behavior of Ongole Bulls and Bulls During One Estrus Cycle in Joint Breeding (2018) <i>Source of Funds: Laboratory Thematic Grant, Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>26. Premium Cattle Development Strategy in Beef Cattle Breeding Business in Jambi Province (2018) <i>Source of Funds: Pre-Proposal Multidisciplinary batch 1, Universitas Gadjah Mada</i></p> <p>27. Premium Cattle Development Strategy in Beef Cattle Breeding Business in Jambi Province (Leader of 2 Researchers) (2017) <i>Source of Funds: Universitas Gadjah Mada</i></p> <p>28. Growth Performance, Carcass Production and Meat Quality of Male Rex Rabbits at Different Ages *Member of 6 Researchers) (2017) <i>Source of Funds: Faculty of Animal Science Service Thematic Grants</i></p> <p>29. Acceleration of Increase in Harvest of Bali Cattle Calves through Adding Concentrates of Pregnant Parent Conditions in the Cattle-Oil Palm Integration System in Riau Province (Sole Researcher) (2016)</p>
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	<p>Source of Funds: PUPT DIKTI</p> <p>30. <i>Potential of Aceh Cattle and Efforts to Increase Productivity through Concentrated Feeding (Member of 3 Researchers) (2016)</i></p> <p>Source of Funds: PUPT DIKTI</p> <p>31. <i>Increasing the Productivity of Bali Cattle in Frontier People's Farms Based on Low Input Farming System (Leader of 4 Researchers) (2016)</i></p> <p>Source of Funds: STRANAS DIKTI</p> <p>32. <i>Post-Weaning Growth of Etawah Crossbreeds (PE) in terms of Hair Color Differences (Members of 6 Researchers) (2016)</i></p> <p>Source of Funds: Laboratory Thematic Research Grants, Faculty of Animal Science Universitas Gadjah Mada</p> <p><i>Community Service over the last 5 years</i></p> <ol style="list-style-type: none"> 1. <i>Improvement of the Sanitation System and Development of Forage Banks in the Ngudi Rejeki Cattle Group to Save Pregnant Mothers Affected by the Covid-19 Pandemic (2021)</i> <p>Source of Funds: Universitas Gadjah Mada Appropriate Technology Grant 2021</p> <ol style="list-style-type: none"> 2. <i>Assistance in the Application of Biosecurity on Horses and Andongs in the "Satria Jaya" Yogyakarta Andong Association (2020)</i> <p>Source of Funds: Thematic Grants for Laboratory Service Faculty of Animal Science Universitas Gadjah Mada</p> <ol style="list-style-type: none"> 3. <i>Beef Cattle Maintenance Management Training for the "Ngudi Fortune" Beef Cattle Breeders Group (2020)</i> <p>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada</p> <ol style="list-style-type: none"> 4. <i>Assistance in Raising Horses in the Andong Satria Jaya Group, Special Region of Yogyakarta (2019)</i> <p>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada</p> <ol style="list-style-type: none"> 5. <i>Development of a Sheep Farm at the Pondok Tetirah Dzikir Rehabilitation Center in Berbah District, Sleman as a Rehabilitative Therapy Advice and a Source of Pondok Income (2019)</i> <p>Source of Funds: Faculty of Animal Science Universitas Gadjah Mada</p> <ol style="list-style-type: none"> 6. <i>Assistance in raising beef cattle to increase productivity in the Mergo Andhini Makmur Cattle Group, Bolu Village, Seyegan, Sleman (2018)</i> <p>Source of Funds: Community Service (PKM), Ristekdikti</p> <ol style="list-style-type: none"> 7. <i>Increase in Beef Cattle Calf Harvest and Quality Compost Production in Mergo Andhini Makmur Livestock Group, Seyegan District, Sleman</i>
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	<p><i>Regency (2018)</i></p> <p><i>Source of Funds: Appropriate Technology, Universitas Gadjah Mada</i></p> <p>8. <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 for the Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>9. <i>Training and Assistance for Super Village Chicken Cultivation for Santri and Communities Around the "Baitul Qur'an" Islamic Boarding School, Karangijo Kulon Hamlet, Ponjong Village, Ponjong District, Gunung Kidul Regency (2018)</i></p> <p><i>Source of Funds: Thematic Service Grants for the Universitas Gadjah Mada Faculty of Animal Science Laboratory and Baitul Qur'an Islamic Boarding School</i></p> <p>10. <i>Increasing Beef Cattle Breeders Income Through Calf Harvesting and Quality Compost Fertilizer (2017)</i></p> <p><i>Source of Funds: IbM DIKTI</i></p> <p>11. <i>Application of Cattle Feed Technology in the Group of Oil Palm Farmers-Cattle in Rokan Hulu Regency, Riau to Increase Livestock Productivity (2017)</i></p> <p><i>Source of Funds: LPPM UGM</i></p> <p>12. <i>Increasing Goat Productivity in Sumber Makmur Livestock Group, Cepogo Padukuhan, Purwodadi, Tepus, Gunung Kidul (2017)</i></p> <p><i>Source of Funds: Faculty of Animal Science Service Thematic Grants</i></p> <p>13. <i>Optimization of Cows Management System in the Mix-Farming System at the Sumber Ayu Cattle Group, Brayut Village, Sleman (2017)</i></p> <p><i>Source of Funds: Faculty of Animal Science Service Thematic Grants</i></p> <p>14. <i>Application of Flushing to Improve Performance of Bligon Doe in Ngudi Mulyo Group, Puleireng Padukuhan, Sidoharjo, Tepus, Gunungkidul (2016)</i></p> <p><i>Source of Funds: Faculty of Animal Science Service Thematic Grants</i></p>
Industry collaborations over the last 5 years	-
Patents and proprietary rights	<p>1. Concentrated Feed for Cattle Based on Plantation and Agricultural Waste (Endang Baliarti, Ali Agus, I Gede Suparta Budisatria, Bambang Suhartanto, Budi Guntoro, Panjono, Yunardi, Bambang Suwignyo, Sigit Bintara, Fransiskus Trisakti Haryadi, Bayu Andri)</p> <p style="text-align: right;">2019</p>

	<i>Atmoko, Hamdani Maulana)</i>
Important publications over the last 5 years	<p><i>Total number of publications: 92</i></p> <ol style="list-style-type: none"> 1. <i>The Effect of Flushing Premating with Spirulina Platensis Supplementation on Ewes Postpartum Estrus</i> (Dianhanvika Tri Sarvinda, Sigit Bintara, I Gede Suparta Budisatria, Kustantinah Kustantinah, Endang Baliarti*) <i>Publisher: Buletin Peternakan, 2022, Vol 46, No 1 , pp. 31-35.</i> 2. <i>Slaughtering Buffalo in the "Bantai Adat" Tradition During Eid Before and During the Covid-19 Pandemic in Padang Pariaman Regency West Sumatra Province, Indonesia</i> (Adi (Tiya Warman, Bayu Andri Atmoko, Hamdani Maulana, and Endang Baliarti*). <i>Publisher: Advances in Biological Sciences Research, 2022, volume 18. Pp. 264-268.</i> 3. <i>Sustainability Indicators for Cattle Production System in Kitadin Embalut Post Mining Land, East Kalimantan, Indonesia.</i> (Gery Andesitian, Endang Baliarti, Nono Ngadiyono, Bambang Suwignyo, Tri Satya Mastuti Widi*). <i>Publisher: Advances in Biological Sciences Research, 2022, volume 18. Pp. 260-263.</i> 4. <i>The Reproductive Performance of Ongole Grade Cows at Smallholder Farmer with Different Housing Systems.</i> (Bryan Wisnu Prabowo, Endang Baliarti*, Sigit Bintara, Hamdani Maulana, Bayu Andri Atmoko). <i>Publisher: Advances in Biological Sciences Research, 2022, volume 18. Pp: 315-318.</i> 5. <i>Behavioral Comparison of Bali and Bali crossed Angus Cattle During Road-trip and Oversea Transportation.</i> (Bramada Putra, Cuk Noviandi, Rusman Rusman, Tri Widi, Endang Baliarti*). <i>Publisher: Advances in Biological Sciences Research, 2022, volume 18. Pp: 141-143.</i> 6. <i>Identification of Breed Preference on Cross-breeding among Beef Cattle Farmers in Central Java, Indonesia.</i> (Restiyana Agustine, Nur Ain Afrilia Widarni, Indra Wahyu Pratama, Endang Baliarti, Mujahidah Anggriani Ummul Muzayyanah, Ahmad Romadhonni Surya Putra*). <i>Publisher: Advances in Biological Sciences Research, 2022, volume 18. Pp: 281-286.</i> 7. <i>The Effect of Litter Size on Ewe and Their Lamb Performances under Intensive Management System.</i> (Dianhanvika Tri Sarvinda, Sigit Bintara, I Gede Suparta Budisatria, Kustantinah Kustantinah, Endang Baliarti*). <i>Publisher: Advances in Biological Sciences Research, 2022, volume 18. Pp: 157-161.</i> 8. <i>Post Partum Estrus of Brahman Cross Cows Inseminated with</i>

	<p><i>Limousine Straw in Smallholder Farm. (Rahmat Anwar, Sigit Bintara, I Gede Suparta Budisatria, Diah Tri Widayati, Endang Baliarti*).</i></p> <p>Publisher: <i>Advances in Biological Sciences Research</i>, 2022, volume 18. Pp: 323-327.</p> <p>9. <i>Comparison of Aceh cow's performance on different mating systems at BPTU HPT Indrapuri, Aceh Province, Indonesia. (E. Baliarti*, A.S. Wardani, B.W. Prabowo, N. Meutia, Yusmadi, Marwan, S. Bintara, T.S.M. Widi).</i></p> <p>Publisher: <i>Proceeding The 1st International Conference on Livestock in Tropical Environment (ICLiTE-1) 2022.</i></p> <p>10. <i>Effect of Protein Supplementation from Spirulina platensis on Javanese Thin-tailed Sheep Weight Gain. (Endang Baliarti*, Yosef Tubagus Raka, Lies Mira Yusiatyi, I Gede Suparta Budisatria, Muhsin Al Anas).</i></p> <p>Publisher: <i>Proceeding The 3rd International Conference on Improving Tropical Animal Production for Food Security (ITAPS) 2022.</i></p> <p>11. <i>Potential of Spirulina platensis as a feed protein supplement for sheep ration. (Rahardian Prasetya, Sigit Bintara, I Gede Suparta Budisatria, Diah Tri Widayati, Endang Baliarti*)</i>.</p> <p>Publisher: <i>Proceeding The 4th International Scopus Potential of Spirulina Dhimas Accepted for 27/02/2022 https: Conference of Animal Science and Technology 2021.</i></p> <p>12. <i>Weaning and Adult Weight to Increase Growth of Deutch Democratic Yokohama (DDY) Mice, deaning and Adult Weight to Increase Growth of Deutch Democratic Yokohama (DDY) Mice. (Meireni Cahyowati, Sumadi, and Endang Baliarti*)</i>.</p> <p>Publisher: <i>Buletin Peternakan Volume 45 (4). Edisi November 2021.</i></p> <p>13. <i>Sustainability studies of smallholder livestock based on climatological conditions, land resources, and farmer p, profile (Anggraini, L.J., Panjono, Ngadiyono, N., Bintara, S., Baliarti, E.) (2021)</i></p> <p>Publisher: <i>IOP Conference Series: Earth and Environmental Science, 2021, 667(1), 012091</i></p> <p>14. <i>Designing genetic impact assessment for crossbreeding with exotic beef breeds in mixed farming systems (Widi, T.S.M., Udo, H., Oldenbroek, K., Budisatria I.G.S., Baliarti, E., der Zijpp, A.V.) (2021)</i></p> <p>Publisher: <i>Outlook on Agriculture, 2021, 50(1), pp. 34–45</i></p> <p>15. <i>Drinking and feeding behavior of Ongole Crossbred Heifer with water-free access at MergoAndhini Makmur Farmer Group, Yogyakarta, Indonesia (Baliarti, E., Astuti, A., Wiandita, A., Listia Astrini, A.) (2020)</i></p> <p>Publisher: <i>IOP Conference Series: Earth and Environmental Science, 2020, 518(1), 012010</i></p>
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	<p>16. <i>Calf production of Bali Cattle in cattle-oil palm plantation integration system in Riau Province Indonesia</i> (Baliarti, E., Gede Suparta Budisatria, I., Panjono, Andri Atmoko, B., Maulana, H.) (2020) <i>Publisher: IOP Conference Series: Earth and Environmental Science</i>, 2020, 518(1), 012015</p> <p>17. <i>Nutrient Adequacy Evaluation of Aceh Cattle Fed with Concentrate for Forage Substitution and Performance Improvement</i> (Budisatria, I.G.S., Atmoko, B.A., Baliarti, E., Widi, T.S.M., Ibrahim, A., Vierman, A.) (2020) <i>Publisher: IOP Conference Series: Earth and Environmental Science</i>, 2020, 465(1), 012019</p> <p>18. <i>Sexual behaviors of Ongole Crossbred bulls and cattle with colony housing system</i> (Baliarti, E., Panjono, Ali, M.H., Widi, T.S.M., Yulianto, D.E., Atmoko, B.A., Maulana, H., Effendhy, J., Prihandini, P.W., Pamungkas, D.) (2020) <i>Publisher: IOP Conference Series: Earth and Environmental Science</i>, 2020, 465(1), 012045</p> <p>19. <i>In vitro anthelmintic activity of kersen leaf (Muntingia calabura) infusion against to Haemonchus contortus worm</i> (Sakti, A.A., Kustantinah,, Nurcahyo, R.W., Baliarti, E., Suwignyo, B.) (2020) <i>Publisher: IOP Conference Series: Earth and Environmental Science</i>, 2020, 462(1), 012005</p> <p>20. <i>Percentage of Bali Cattle Potential as Breeders in West Lombok Regency, West Nusa Tenggara Province, Indonesia</i> (Muhammad Andika Prasetya, I Gede Suparta Budisatria, Tri Satya Mastuti Widi, Sigit Bintara, Endang Baliarti) (2020) <i>Publisher: International Research Journal of Advanced Engineering and Science</i>, Volume 6, Issue 1, pp. 101-103, 2021</p> <p>21. <i>Siklus Estrus Dan Profil Hormon Reproduksi Induk Sapi Peranakan Ongole Dan Silangan Simmental-Peranakan Ongole</i> (BMW Tiro, S Tirajoh, PA Beding, E Baliarti) (2020) <i>Publisher: Jurnal Pertanian Agros</i> 22 (2), 105-112</p> <p>22. <i>Tingkah Laku Seksual Pejantan dan Induk Sapi Peranakan Ongole dengan Sistem Perkandungan Koloni Terbatas</i> (E Baliarti, TSM Widi, DEY Yulianto, MH Ali, BA Atmoko, H Maulana, J Effendhy, PW Prihandini, D Pamungkas) (2020) <i>Publisher: Prosiding Seminar Nasional Teknologi Peternakan dan Veteriner</i>, 77-85</p> <p>23. <i>Consumption and Body Weight of Bali Cattle Fed Only Forage from a Palm Oil Plantation Under Indonesian Tropical Environmental Conditions</i> (Eny Endrawati, Panjono, Bambang Suhartanto, Endang Baliarti) (2020)</p>
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	<p>Publisher: <i>Pakistan Journal of Nutrition</i> Vol 9 No. 2: 86-90</p> <p>24. <i>The Effect of Altitude on Morphometrics of Bali Cattle in The Bali Province, Indonesia</i> (Lanny Julistian A, Endang Baliarti, Panjono) (2020)</p> <p>Publisher: <i>International Journal of Agriculture, Forestry and Plantation</i>, Volume 10, 2020: 30-33.</p> <p>25. <i>The use of oil palm fronds as an energy source for pregnant Bali Cattle ration and its effect on the cattle performances</i> (Ida Ketut Mudhita Mahosadi, Endang Baliarti, Subur Priyono Sasmito Budhi, Nafiatul Umami, Cuk Tri Noviandi, I Gede Suparta Budisatria) (2020)</p> <p>Publisher: <i>International Journal of Agriculture, Forestry and Plantation</i>, Volume 10(10), 2020: 356-360</p> <p>26. <i>Rescue Pregnant Cattle in Smallholder Farmers Affected by Pandemic Covid-19 As an Application of Feed Technology of Concentrate</i> (Endang Baliarti, Hamdani Maulana, Astrid Listia Astrini, Ahmad baidlowi, Nono Ngadiyono, I Gede Suparta Budisatria, Panjono, Tri Satya Mastuti Widi, Danang Eko Yulianto, Bayu Andri Atmoko) (2020)</p> <p>Publisher: <i>Programme Book The 2nd International Conference on Community Engagement and Education for Sustainable Development (ICCEESD) 2020</i>. Yogyakarta 24-25 November 2020, page: 138-139</p> <p>27. <i>Analisis Produktivitas Sapi dengan Pemeliharaan Terintegrasi Perkebunan Kelapa Sawit</i> (Endang Baliarti, Hamdani Maulanai, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Panjono, Nono Ngadiyono, I Gede Suparta Budisatria) (2020)</p> <p>Publisher: <i>Prosiding Integrated Cattle and Oil -Palm Production (ICOP) Conference 2019 “Promoting Profitable Cattle and Oil -Palm Integration”</i>, Jakarta, 23 October 2019. Hal: 218-226. Penerbit: BPPT Press, Jakarta. ISBN: 978-602-410-165-7</p> <p>28. <i>Pertumbuhan Pra-Sapih Sapi Bali Pedet yang Dipelihara di Perkebunan Kelapa Sawit pada Musim Berbeda</i> (Panjono, I Gede Suparta Budisatria, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Nono Ngadiyono, Hamdani Maulana, Bayu Andri Atmoko, and Endang Baliarti) (2020)</p> <p>Publisher: <i>Prosiding Integrated Cattle and Oil -Palm Production (ICOP) Conference 2019 “Promoting Profitable Cattle and Oil -Palm Integration”</i>, Jakarta, 23 October 2019. Hal: 266-267. Penerbit: BPPT Press, Jakarta. ISBN: 978-602-410-165-7</p> <p>29. <i>Accompaniment on Application of Concentrates as Cattle Feed for Palm-Oil Plantation Farmers</i> (Endang Baliarti, Hamdani Maulana, Nono Ngadiyono, I Gede Suparta Budisatria, Panjono, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Bayu Andri Atmoko) (2020)</p>
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	<p>Publisher: <i>Jurnal Pengabdian kepada Masyarakat</i> (Indonesian Journal of Community Engagement) Vol. 6 No. 2: 51-61 ISSN: 2541-5883 DOI: 10.22146/jpkm.53749</p> <p>30. <i>Membangun Sistem Integrasi Sawit-Sapi di Indonesia: Menuju Kemandirian di Bidang Produksi Sapi</i> (Endang Baliarti, Panjono, I Gede Suparta Budisatria) (2020)</p> <p>Publisher: Buku: Cetakan 1, jumlah: 105 hal. Penerbit: Gadjah Mada University Press, Yogyakarta. ISBN: 978-602-386-874-6</p> <p>31. <i>Calf production of Bali Cattle in cattle-oil palm plantation integration system in Riau Province Indonesia</i> (Endang Baliarti, I Gede Suparta Budisatria, Panjono, Bayu Andri Atmoko, Hamdani Maulana) (2019)</p> <p>Publisher: <i>The 5th International Seminar Agribusiness 2019</i>. Faculty of Animal and Agricultural Sciences Diponegoro University</p> <p>32. <i>Analysis of Cattle Productivity kept Integrated with Oil Palm Plantations</i> (Endang Baliarti, H. Maulana, T.S.M. Widi, M.D.E. Yulianto, Panjono, N. Ngadiyono, I.G.S. Budisatria) (2019)</p> <p>Publisher: <i>Integrated Cattle and Oil Palm Production (ICOP) Conference 2019. BPPT with Indonesia Australia Red Meat & Cattle Partnership Integrated Cattle and Oil Palm Production (ICOP) Conference 2019. BPPT with Indonesia Australia Red Meat & Cattle Partnership</i></p> <p>33. <i>Reproductive Management and Performances of Aceh Cattle, Local Indonesia cattle Kept by Farmers in a Traditional System</i> (I Gede Suparta Budisatria, Endang Baliarti, Tri Satya Mastuti Widi, Alek Ibrahim, Bayu Andri Atmoko) (2019)</p> <p>Publisher: <i>American-Eurasian Journal of Sustainable Agriculture</i>. AENSI Publisher AET.</p> <p>34. <i>Bull and Cattle Sexual Behavior of Ongole Crossbred Cattle Kept 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) (2019)</p> <p>Publisher: 2nd ITAPS, Kendari, Sulawesi 22-24 November 2019. Penyelenggara: Universitas Halu Oleo, Sulawesi</p> <p>35. <i>Calf production of Bali Cattle in cattle-oil palm plantation integration system in Riau Province Indonesia</i> (Endang Baliarti, I Gede Suparta Budisatria, Panjono, Bayu Andri Atmoko, Hamdani Maulana) (2019)</p> <p>Publisher: 2nd ITAPS, Kendari, Sulawesi 22-24 November 2019. Penyelenggara: Universitas Halu Oleo, Sulawesi</p> <p>36. <i>Carrying Capacity Estimation of Herbicide-Treated and Untreated Palm Oil Plantation for Bali Cattle</i> (Eny Endrawati, Panjono, Bambang Suhartanto, Endang Baliarti) (2019)</p> <p>Publisher: <i>Buletin Peternakan</i> Vol. 43 (2): 130-134</p> <p>37. <i>Diversifikasi Usaha Lintas Sektoral Melalui Optimalisasi Hasil</i></p>
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	<p><i>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>38. <i>Sexual Behavior of Ongole Crossbred Bull and Cattle Kept in Intermitten Colony Housing System (Baliarti E, 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>39. <i>Integrated Cattle Farming Development and Assistance in the 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>40. <i>IPTEK Bagi Masyarakat (IbM) Melalui Peningkatan Panen Pedet dan Produksi Kompos Berkualitas Pada Kelompok Ternak Sapi Potong Jurnal Pengabdian kepada Masyarakat-Iptek bagi Masyarakat (Bayu Andri Atmoko, Endang Baliarti, Nanung Agus Fitriyanto) (2019)</i></p> <p><i>Publisher: Journal Universitas Gadjah Mada. Vol.5, No.1, Maret 2019, Hal 72-98. ISSN (print) 2460-9447 ISSN (online) 2541-5883. Doi:http://doi.org/10.22146/jpkm.33874 https://jurnal.ugm.ac.id/jpkm/</i></p> <p>41. <i>Effects of water restriction on behavior, feed and water intake of Ongole crossbred Cattle at various physiological conditions in the smallholder farmers (Astrini, A.L., Astuti, A., Baliarti, E.) (2019)</i></p> <p><i>Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012074</i></p> <p>42. <i>The effect of concentrate supplementation during pregnancy on calving performance in oil palm-cattle integrated system (Endrawati, E., Panjono, Suhartanto, B., Baliarti, E.) (2019)</i></p> <p><i>Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012064</i></p> <p>43. <i>The effect of dietary protein and energy supplementation on in vitro-rumen characteristics and digestibility of Bali bulls (Tavares, L., Noviandi, C.T., Baliarti, E., Widi, T.S.M.) (2019)</i></p> <p><i>Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012048</i></p> <p>44. <i>Response of Bali cattle compared to Bali crossed Angus on concentrate feeding (Putra, B.W., Noviandi, C.T., Rusman, Widi, T.S.M., Baliarti, E.) (2019)</i></p>
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	<p>Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012089</p> <p>45. Seasonal effect on productivity of Bali Cattle in oil palm plantation in Riau Province, Indonesia (Maulana, H., Panjono, Baliarti, E., Widayati, D.T., Budisatria, I.G.S.) (2019)</p> <p>Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012075</p> <p>46. Effect of breed and initial body weight on daily weight gain of Simmental Ongole Crossbred Cattle and Ongole Grade Cattle (Ngadiyono, N., Baliarti, E., Widi, T.S.M., Maulana, H., Atmoko, B.A.) (2019)</p> <p>Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012044</p> <p>47. Physiological conditions of Bali cattle based on da daily temperature-humidity index (THI) in oil palm plantation (Putra, T.D., Bintara, S., Widayati, D.T., Panjono, Baliarti, E.) (2019)</p> <p>Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012125</p> <p>48. Effect of feeding different forage and concentrate levels on carcass characteristics and meat quality of Aceh cattle (Koesmara, H., Budisatria, I.G.S., Baliarti, E., Widi, T.S.M., Ibrahim, A., Atmoko, B.A., Vierman) (2019)</p> <p>Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012080</p> <p>49. Performance of Aceh cattle fed by concentrate with different levels (Budisatria, I.G.S., Ibrahim, A., Baliarti, E., Widi, T.S.M., Vierman, Koesmara, H., Atmoko, B.A.) (2019)</p> <p>Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012040</p> <p>50. The effect of protected soybean groats and lemuру fish oil supplementation in ration on the performance of Ongole crossbred Cattle (Riyanto, J., Pramono, A., Aditya, D.V., Baliarti, E., Yusiat, L.M., Widayati, D.T., Hartatik, T., Aryogi, Pamungkas, D.) (2019)</p> <p>Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012096</p> <p>51. Income over feed cost of Aceh cattle fattened with forage and concentrate in different levels (Koesmara, H., Budisatria, I.G.S., Baliarti, E., Widi, T.S.M., Nurtini, S., Umami, N., Ibrahim, A, Atmoko, B.A., Vierman,) (2019)</p> <p>Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012101</p> <p>52. Income Analysis and Market Profile of Live Cattle and Meat Traders during Meugang Festivity and Normal Market Situation in North Aceh</p>
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	<p><i>Regency (Budisatria, I.G.S., Ibrahim, A., Koesmara, H., Baliarti, E., Widi, T.S.M., Atmoko, B.A.) (2019)</i></p> <p><i>Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 372(1), 012013</i></p> <p>53. <i>Inisiasi Pengembangan dan Pendampingan Peternakan Sapi Secara Terpadu di Kelompok Ternak Sapi Kandang Kalimasodo (Nono Ngadiyono, I Gede Suparta Budisatria, Endang Baliarti, Panjono Panjono, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Bayu Andri Atmoko) (2019)</i></p> <p><i>Publisher: JPPM (Jurnal Pengabdian dan Pemberdayaan Masyarakat) 3 (2), 211-222</i></p> <p>54. <i>Pre-Weaning Growth of Bali Calf from Cattle that Kept Semi-Intensive in Palm Oil Plantations (Hamdani Maulana, Panjono, Endang Baliarti, Bayu Andri Atmoko) (2018)</i></p> <p><i>Publisher: The 4th International Seminar of Animal Industry 2018 Bogor, August 28-30, 2018. Faculty of Animal Science, Bogor Agricultural University (FAS-IPB)</i></p> <p>55. <i>Comparisons in Morphometric Performances of Bali and Bali Cross Angus Weaning Female Cattle Using Digital Image Measurement Technique (Bramada Winiar Putra, Novadhila Rahmi, Cuk Tri Noviandi, Rusman, Endang Baliarti) (2018)</i></p> <p><i>Publisher: The 4th International Seminar of Animal Industry 2018 Bogor, August 28-30, 2018. Faculty of Animal Science, Bogor Agricultural University (FAS-IPB)</i></p> <p>56. <i>The Physiological Response of Angus X Bali Crossed Calf on Tropical Environment as an Indicator of Adaptability (Teguh Dwi Putra, Novadhila Rahmi, Bramada Winiar Putra, Sigit Bintara, Endang Baliarti) (2018)</i></p> <p><i>Publisher: The 4th International Seminar of Animal Industry 2018 Bogor, August 28-30, 2018. Faculty of Animal Science, Bogor Agricultural University (FAS-IPB)</i></p> <p>57. <i>Nitrogen Balance, Microbial Protein Synthesis and Blood Metabolites in Fattening of Male Bali Cattle Fed Ration with Different Protein Levels in Smallholder Farms (PK Tahuk, SP Budhi, Panjono, Endang Baliarti) (2018)</i></p> <p><i>Publisher: Journal of Indonesian Tropical Animal Agriculture Vol. 43 No. 1. Page 45-53.</i></p> <p>58. <i>Estimation of Forage Consumption of Bali Cattle Grazing on Oil Palm Plantation using Geographic Information System Method (Baliarti, E., Budisatria, I. G. S, Panjono, Suhartanto, B, Suwignyo, B., Agus, A., Maulana, M. & Atmoko, B. A.) (2018)</i></p> <p><i>Publisher: E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 86</i></p>
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	<p>59. <i>Exterior and Morphometric Characteristics of Bali Cattle and They're Crossed with Angus and Ongole Grade Cattle in Bungo, Jambi Province</i> (Rahmi, N., Baliarti, E., Panjono, Widi, T.S.M., Noviandi, C.T., Putra, B.W. & Putra, D.T.) (2018)</p> <p>Publisher: <i>E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia.</i> pp. 451</p> <p>60. <i>Carcass and Meat Characteristics of Male Bali Cattle in Indonesian Smallholder Farms Fed Ration with Different Protein Levels</i> (Paulus Klau Tahuk, Subur Priyono Sasmito Budhi, Panjono, Endang Baliarti) (2018)</p> <p>Publisher: <i>Tropical Animal Science Journal Vol. 41 No. 3, 2018 pp 215-223. p-ISSN 2615-787X e-ISSN 2615-790X.</i> Penerbit: Faculty of Animal Science, Bogor Agricultural University, Indonesia</p> <p>61. <i>The Effect of Season on the Feed Quantity and Quality and Growth Performance of Male Bali Cattle Fattened in Smallholder Farms</i> (Paulus Klau Tahuk, Endang Baliarti, Subur Priyono Sasmito Budhi, and Panjono) (2018)</p> <p>Publisher: <i>Buletin Peternakan Vol. 42 No. 3 Halaman 203-209.</i></p> <p>62. <i>Pengamatan Visual Vulva Dan Perubahan Behavior Sapi Estrus Pada Pemeliharaan Di Tingkat Peternak</i> (Endang Baliarti, Prabowo Priambodo, Ismaya, Agung Budiyanto, M. Danang Eko Yulianto) (2018)</p> <p>Publisher: <i>Dipresentasikan di Seminar Nasional Teknologi dan Agribisnis Peternakan, UNSOED</i></p> <p>63. <i>Produksi Hijauan Padang Penggembalaan Alam Di Posto Administrativo Balibo Dan Atabae, Municipio Bobonaro, Timor-Leste</i> (Luis Tavares, Endang Baliarti, Cuk Tri Noviandi, Tri Satya Mastuti Widi) (2018)</p> <p>Publisher: <i>Dipresentasikan di Seminar Nasional Teknologi dan Agribisnis Peternakan, UNSOED</i></p> <p>64. <i>Estimasi Nilai Natural Increase (NI) Sapi Peranakan Ongole di Kecamatan Tanjung Sari, Kabupaten Lampung Selatan, Provinsi Lampung</i> (Sumadi, Endang Baliarti, Gracia Henreita Suci Aprilia, dan Akhmad Fathoni) (2018)</p> <p>Publisher: <i>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 2018. Hal. 151-156. ISBN: 978-979-1215-33-6</i></p> <p>65. <i>Estimasi Nilai Ripabilitas Berat Badan Kambing Peranakan Ettawa di Balai Pembibitan Ternak Unggul dan Hijauan Pakan Ternak Pelaihari, Kalimantan Selatan</i> (Sumadi, Alfiona Annisa, Endang Baliarti, dan Akhmad Fathoni) (2018)</p> <p>Publisher: <i>Prosiding Simposium Nasional Penelitian dan</i></p>
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	<p><i>Pengembangan Peternakan Tropik 2018 "Inovasi Teknologi Peternakan Menyongsong Era Industri 4.0". Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta, 5 November 2018. Hal. 157-160. ISBN: 978-979-1215-33-6</i></p> <p>66. <i>Predicting Madura cattle growth curve using non-linear model</i> (Widyas, N., Prastowo, S., Widi, T.S.M., Baliarti, E.) (2018)</p> <p><i>Publisher: IOP Conference Series: Earth and Environmental Science, 2018, 142(1), 012006</i></p> <p>67. <i>Factors Affecting Cattle Prices During Year-End Holiday Season</i> (S Nurtini, E Baliarti, V Maulana) (2018)</p> <p><i>Publisher: 4th International Conference on Food, Agriculture and Natural Resources (FANRes 2018), 228-231</i></p> <p>68. <i>Body Size of Aceh Cattle in Smallholder Farm Level and in Balai Pembibitan Ternak Unggul Dan Hijauan Pakan Ternak Indrapuri Aceh (I Gede Suparta Budisatria, Endang Baliarti, Tri Satya Mastuti Widi, Vierman Vierman, Alek Ibrahim, Azwar Rizal Pratama, Hendra Koesmara, Bayu Andri Atmoko)</i> (2018)</p> <p><i>Publisher: Proceeding of the International Conference on Food and Agriculture, 218-221</i></p> <p>69. <i>Model of Carrying on Trade of Beef Cattle at Slaughterhouse in Yogyakarta, Indonesia</i> (2017)</p> <p><i>Publisher: Indian J. Anim. Res., Vol. 51 (3) 217: 613-615. Print ISSN:0367-6722 / Online ISSN:0976-0555. DOI:10.18805/ijar.v0i0F.4560</i></p> <p>70. <i>Growth Performance of Male Bali Cattle Fattening Feed Ration with Different Protein Levels in Smallholder Farms, West Timor, Indonesia</i> (2017)</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>71. <i>In Vitro Digestibility of Timor-Leste Native Grass Supplemented with Leucaena leucephala and Corypha elata Robx.</i> (2017)</p> <p><i>Publisher: The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 156-160. ISBN: 978-979-1215-29-9</i></p> <p>72. <i>Behavior of Bali Cattle at Different Reproduction Phase that Kept in Oil Palm Environment</i> (2017)</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>73. <i>Nutrient Adequacy of Bali Cattle Fed Only Forage Derived From Palm Oil Plantation in Riau Indonesia</i> (2017)</p> <p><i>Publisher: The 7th International Seminar on Tropical Animal</i></p>
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	<p>Publisher: Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 249-252</p> <p>81. <i>Calf Birth Weight and Post Partum Estrus Bali Cattle Fed Complete Feed From Palm Oli Plantation in Central Borneo Indonesia</i> (Penulis ke-2 dari 8) (2016)</p> <p>Publisher: Proceedings of The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan</p> <p>82. <i>Stable Management and Colic Prevalence with Different Condition in Indonesian Horse Farming</i> (Penulis ke-2 dari 3) (2016)</p> <p>Publisher: Proceedings of The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan</p> <p>83. <i>The Effect of Season on the Botanical Composition and Quality of Feedstuff used in Bali Cattle Fattening at Smallholder Farms</i> (Penulis ke-4 dari 4) (2016)</p> <p>Publisher: Proceedings of The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan</p> <p>84. <i>Behaviour of Bali Cattle During Grazing in Palm Oil Plantation Riau, Indonesia</i> (Penulis ke-1 dari 9) (2016)</p> <p>Publisher: Proceedings of The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan</p> <p>85. <i>Effect of Bali Cattle Urine on Legume Cover Crop Peuro (<i>Pueraria javanica</i>) Productivity on an East Borneo Oil Palm Plantation</i> (Penulis ke-4 dari 8) (2016)</p> <p>Publisher: Pakistan Journal of Nutrition 15(5): 406-411.</p> <p>86. <i>Feed Intake, Physiological Status, and Daily Behavior of Race Horses Stabled in Different Location</i> (Penulis ke-2 dari 4) (2016)</p> <p>Publisher: Proceedings of the 1st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October 2016. Yogyakarta, Indonesia.</p> <p>87. <i>Nitrogen Balance and Microbial Protein Synthesis of Bali Cattle Steers Fattening Feed Ration with Different Protein Levels in Smallholder Farms, West Timor, Indonesia</i> (Penulis ke-4 dari 4) (2016)</p> <p>Publisher: Proceedings of the 1st UGM International Conference on Tropical Agriculture (ICTA), 25-26 Octobere, 2016. Yogyakarta, Indonesia</p> <p>88. <i>Productivity of Pre-Weaning Kids Under Smallholder Production</i></p>
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	<p><i>System by Introduction of Superior Buck in Gunungkidul District (Penulis ke-2 dari 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>89. <i>Management and Reproductive Performances of Aceh Cattle, Local Indonesian Cattle Kept by Farmers In A Traditional System (Penulis ke-2 dari 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>90. <i>Postpartum Estrus Variation of Local Cattle at Village Breeding Center in the Yogyakarta Province (Penulis ke-1 dari 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>91. <i>Phenotypic Characteristics of Aceh Cattle on Different Sex and Age in Smallholder Farmers (Penulis ke-2 dari 5) (2016)</i></p> <p><i>Publisher: Proceeding The 3rd APIS and 3rd ARCAP in Batu October 19-21, 2016</i></p> <p>92. <i>Reproductive Performances of Aceh Cattle Kept by Farmers in Aceh Province (Penulis ke-3 dari 3) (2016)</i></p> <p><i>Publisher: Proceeding The 3rd APIS and 3rd ARCAP in Batu October 19-21, 2016</i></p>	
Activities in specialist bodies over the last 5 years	<p><i>Ministry of Education, Culture, Research, and Technology (Indonesia)</i></p>	<p><i>Lecturer Certification Monev Team</i></p>

