

Staff Handbook

Name	<i>Dr. Ir. Sigit Bintara, M.Si., IPU., ASEAN Eng.</i>		
Post	<i>Animal Reproduction Science</i>		
Academic career	<i>Professional Engineering (IPU)</i>	<i>Universitas Gadjah Mada</i>	<i>2018</i>
	<i>Doctorate (Animal Science)</i>	<i>Universitas Gadjah Mada</i>	<i>2009</i>
	<i>Graduate degree (Biological Reproduction Science)</i>	<i>Airlangga University</i>	<i>2000</i>
	<i>Undergraduate degree (Animal Science)</i>	<i>Universitas Gadjah Mada</i>	<i>1992</i>
Employment	<i>Associate Professor</i>	<i>Universitas Gadjah Mada</i>	<i>2012-present</i>
	<i>Assistant Professor</i>	<i>Universitas Gadjah Mada</i>	<i>2002-2012</i>
Research and development projects over the last 5 years	<p><i>Research projects:</i></p> <ol style="list-style-type: none"> <i>1. Efforts to Improve the Quality of Frozen Sperm of Belgian Blue Crossbreeds Through a Controlled Freezing Process with Micro Controller and The Addition of Sanrego Leaf Extract, Shallot Extract and Sprout Extract as Additional Diluent (2021)</i> <i>Source of Funds : Leading University Applied Research, Ristekdikti</i> <i>2. Feed Supplement Products (Multi-Functional Feed Additive) to Increase Reproductive Productivity and Quality of Livestock Products (2020)</i> <i>Source of Funds : National Research Priority, Kemenristekdikti</i> <i>3. Evaluation of Blood Metabolites and Estrogens in Lactating Dairy Cattle with Energy and Protein Supplementation (2020)</i> <i>Source of Funds : Thematic Laboratory Grants, Faculty of Animal Science UGM</i> <i>4. Additive Effects of Sanrego Leaves and Protein Supplementation on Increasing Libido and Sperm Quality of Fat Tailed Sheep (2019)</i> <i>Source of Funds : Leading University Applied Research, Ristekdikti</i> <i>5. The Welfare of the Andong Female Towing Horse in the Special Region of Yogyakarta (2019)</i> <i>Source of Funds : UGM Faculty of Animal Science Postgraduate Grants</i> <i>6. Improving Beef Cattle Reproductive Performance Through Artificial Insemination in the Bojonegoro Karisidenan Area (2019)</i> 		

	<p><i>Source of Funds : Postgraduate Grants from the Faculty of Animal Science UGM</i></p> <p>7. <i>Local Estrus Response With Controlled Internal Drug Release Intravaginal Treatment and Prostaglandin Hormones (2019)</i></p> <p><i>Source of Funds : Thematic Research Grants Laboratory Faculty of Animal Science UGM</i></p> <p>8. <i>Effectiveness of the Use of Various Diluents on the Quality of (2019)</i></p> <p><i>Source of Funds : Belgian Blue Cow Liquid Semen Research by Young Lecturers, UGM</i></p> <p>9. <i>Productivity and Genetic Analysis of Offspring Results of Crossing Gembrong Goats with Etawah Crossbreeds (2018)</i></p> <p><i>Source of Funds : Masters Education Research towards Doctorate for Superior Bachelors (PMDSU), Ristekdikti</i></p> <p>10. <i>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>11. <i>The Effect of Nutrition and Metabolic Hormones on Fertility in Holstein Friesian Breeds in People's Farms (2018)</i></p> <p><i>Source of Funds : Masters Education Research towards Doctorate for Superior Bachelors (PMDSU), Ristekdikti</i></p> <p>12. <i>Early Detection of Puberty and Sperm Quality of Blue Crossed Belgian Cattle as Superior Male Candidates (2018)</i></p> <p><i>Source of Funds : Increased Research Capacity of Young Lecturers, Gadjah Mada University</i></p> <p>13. <i>Development of Decision Support System Applications in Animal Environmental Science Course (2018)</i></p> <p><i>Source of Funds : Elearning Grant, Gadjah Mada University</i></p> <p>14. <i>Sheep Sperm Freezing Engineering (Ovis aries) With the Assistance of a Micro Controller (2018)</i></p> <p><i>Source of Funds : Thematic Laboratory Grant, Faculty of Animal Science UGM</i></p> <p>15. <i>Establishment of Etawah Crossbreed Goat Germplasm Agribusiness Terminal Through Implementation of Location Model Supported by Economic Policy and Livestock Reproduction Technology (member) (2017)</i></p> <p><i>Source of Funds : HIKOM, DIKTI</i></p>
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	<p>16. <i>Biochemical Profile of Blood and Steroid Hormones in Semi-Intensively Raised Ettawa Crossbreeds (Member) (2017)</i> Source of Funds : PMDSU</p> <p>17. <i>Productivity and Genetic Analysis of Offspring Results of Crossing Gembrong Goats with Etawah Crossbreeds (2017)</i> Source of Funds : PMDSU Member</p> <p>18. <i>Biochemical Profile of Beef Cattle Blood Experiencing Interbreeding (Member) (2017)</i> Source of Funds : Thematic Laboratory of the Faculty. UGM Farm</p> <p>19. <i>The Effect of Ethanol and Tween 80 as Vitamin E Solvents in Andromed Diluents in the Production of Frozen Fat-Tailed Sheep (Chair) (2017)</i> Source of Funds : Postgraduate Grant Fak. UGM Farm</p> <p>20. <i>Productivity and Genetic Analysis of Offspring Results of Crossing Gembrong Goats with Etawah Crossbreeds (Member of 4 Researchers) (2016)</i> Source of Funds : PMDSU</p> <p>21. <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> Source of Funds : PMDSU</p> <p>22. <i>Gembrong Goat Rescue Program Through Frozen Semen Production and Male Marriage Arrangements in Bali, East Java and North Sumatra (Chairman of 3 Researchers) (2016)</i> Source of Funds : PUPT DIKTI</p> <p>23. <i>Establishment of Etawah Crossbreed Goat Germplasm Agribusiness Terminal Through Application of Location Model Supported by Economic Policy and Livestock Reproduction Technology (Member of 2 Researchers) (2015-2016)</i> Source of Funds : DIKTI (Competency Grant)</p> <p>24. <i>The Effect of the Balance of Male and Female Turkeys in the Mating System on Egg Fertility (Member of 4 Researchers) (2016)</i> Source of Funds : Laboratory Research Grants Faculty of Animal Science UGM</p> <p>25. <i>Performance of Parent Etawah Crossbreeds Artificially</i></p>
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	<p><i>Inseminated Using Frozen Semen Gembrong Goat (Member of 4 Researchers) (2016)</i></p> <p><i>Source of Funds : Research Grant for Postgraduate Program Faculty of Animal Science UGM</i></p> <p>26. <i>Identification of Brahman Cattle Growth Traits Markers and Crossing Results of Brahman Cows (Member of 5 Researchers) (2016)</i></p> <p><i>Source of Funds : Postgraduate Grants Faculty of Animal Science UGM</i></p> <p><i>Community service over the last 5 years:</i></p> <ol style="list-style-type: none"> 1. <i>Assistance and Improvement of Feed Management during the Transition Period to Improve Reproductive Performance of Dairy Cattle in the Dairy Cattle Group Ploso Kerep, Cangkringan, Sleman (2020)</i> <p><i>Source of Funds : Thematic Grant for Laboratory Service Faculty of Animal Science UGM</i></p> <ol style="list-style-type: none"> 2. <i>Improving Livestock Reproductive Performance Through Improving Feed Quality in the Sidomukti Sheep Group, Murangan, Triharjo, Sleman (2019)</i> <p><i>Source of Funds : Faculty of Animal Science, Gadjah Mada University</i></p> <ol style="list-style-type: none"> 3. <i>Utilization of Local Forage Through Forage Banks as an Effort to Improve Livestock Production Systems in the Livestock Group of Sumberharjo Prambanan Village, Sleman, Yogyakarta (2018)</i> <p><i>Source of Funds : Postgraduate Grant, Faculty of Animal Science UGM</i></p> <ol style="list-style-type: none"> 4. <i>Strengthening PE Goat Farmer Groups through Improvement of Reproductive Recording and Introduction of Estrus Detection (2018)</i> <p><i>Source of Funds : Thematic Service Grants Laboratoruim Faculty of Animal Science UGM</i></p> <ol style="list-style-type: none"> 5. <i>Strengthening of Dairy Farmers' Groups through Improvement of (2017)</i> <p><i>Source of Funds : Reproductive Records Thematic Grants from the Faculty of Laboratories. UGM</i></p> <ol style="list-style-type: none"> 6. <i>Assistance in Increasing the Income of PE Goat Breeders through Reproductive Technology and Local Feed Processing at</i>
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	<p><i>the Akursari Samigaluh Kulonprogo Cattle Group (2017)</i></p> <p><i>Source of Funds : Postgraduate Grant Fak. UGM</i></p> <p>7. <i>Optimization of Parent Cattle Breeding in the Mix-Farming System at the Sumber Ayu Cattle Group, Brayut Village, Sleman (2017)</i></p> <p><i>Source of Funds : Postgraduate Grant Fak. UGM</i></p> <p>8. <i>Increasing Livestock Productivity Through Group Strengthening and Introduction of Forage Banks in the Livestock Group of Pereng Hamlet, Sumberharjo Village, Prambanan District, Sleman Regency (2017)</i></p> <p><i>Source of Funds : Postgraduate Grant Fak. UGM</i></p> <p>9. <i>Improving Goat Reproductivity at Taruna Al Quran Islamic Boarding School Jogjakarta (Member) (2016)</i></p> <p><i>Source of Funds : Thematic Grants for the Faculty of Animal Science</i></p> <p>10. <i>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 (Member) (2016)</i></p> <p><i>Source of Funds : Service Grants for Postgraduate Program Faculty of Animal Science UGM</i></p> <p>11. <i>Goat/Sheep Reproductive Management: Facilitator in Agribusiness Training on Sheep Livestock (March 15, 2016) (2016)</i></p> <p><i>Source of Funds : Agricultural Human Resources Development Center (BPSDMP) DIY Agriculture Office</i></p> <p>12. <i>Facilitator at Goat and Sheep Agribusiness Training for Farmers (4-8 April 2016) (2016)</i></p> <p><i>Source of Funds : Agricultural Human Resources Development Center (BPSDMP) DIY Agriculture Office</i></p>
<p>Industry collaborations over the last 5 years</p>	<p>-</p>
<p>Patents and proprietary rights</p>	<p><i>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)</i> 2019</p>

<p>Important publications over the last 5 years</p>	<p><i>Total number of publications: 55</i></p> <ol style="list-style-type: none"> 1. <i>Motility and Viability of Spermatozoa of Belgian Blue Crossbreeds with the Addition of Tomato (Solanum lycopersicum) Extract in Egg Yolk Citrate Diluent (Sigit Bintara, Panjono, Riyan Nugroho Aji) (2022)</i> <i>Publisher : Atlantis Press International B.V., 2022 Advances in Biological Sciences Research, vol. 18: 243 - 246</i> 2. <i>Storage Period of Liquid Semen Eligible for Insemination in Thin Tail Sheep Semen Diluted with Egg Yolk Citrate with the Addition of Noni (Morinda citrifolia Linn) Fruit Extract (Sigit Bintara, Ismaya, Diah Tri Widayati, Riyan Nugroho Aji, Widya Asmarawati) (2022)</i> <i>Publisher : Atlantis Press International B.V., 2022 Advances in Biological Sciences Research, vol. 18: 247 - 250</i> 3. <i>Sustainability studies of smallholder livestock based on climatological conditions, land resources and farmer profile (Anggraini, L.J., Panjono,, Ngadiyono, N., Bintara, S., Baliarti, E.) (2021)</i> <i>Publisher : IOP Conference Series: Earth and Environmental Science, 2021, 667(1), 012091</i> 4. <i>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)</i> <i>Publisher : Journal of Animal Behaviour and Biometeorology (2020) Vol.8, No. 2:136-141</i> 5. <i>Effect of Different Bovine Serum Albumin (BSA) Levels on the Sperm Viability of Ongole Cross Bred Bull during 5°C Storage (Rachmawati, A., Ismaya,, Widyobroto, B.P., Bintara, S., Susilawati, T.) (2020)</i> <i>Publisher : IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012068</i> 6. <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, I Ismaya, P Panjono, B P Widyobroto, A Agus, I G S Budisatria and P Leroy) (2020)</i> <i>Publisher : IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012020</i> 7. <i>Estrous response of Etawah Crossbred does on estrous synchronization using the prostaglandin f2α based protocol (Atmoko, B.A., Bintara, S., Maharani, D., Ibrahim, A., Budisatria,</i>
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	<p>I.G.S.) (2020)</p> <p><i>Publisher : IOP Conference Series: Earth and Environmental Science, 2020, 465(1), 01204</i></p> <p>8. <i>Effects of body condition score and estrus phase on blood metabolites and steroid hormones in Saanen goats in the tropics (Pradita Iustitia Sitaresmi, Budi Prasetyo Widyobroto, Sigit Bintara and Diah Tri Widayati) (2020)</i></p> <p><i>Publisher : Veterinary World, 13(5): 833-839.</i></p> <p>9. <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)</i></p> <p><i>Publisher : BIODIVERSITAS Volume 21 No. 3: 941-945</i></p> <p>10. <i>Morphometry of Male Reproductive Organ and Sperm Evaluation of Belgian Blue Crossbred 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)</i></p> <p><i>Publisher : Buletin Peternakan 44 (4): 200-202, November 2020</i></p> <p>11. <i>Percentage of Bali Cattle Potential as Breeders in West Lombok Regency, West Nusa Tenggara Province, Indonesia (Muhammad Andika Prasetia, I Gede Suparta Budisatria, Tri Satya Mastuti Widi, Sigit Bintara, Endang Baliarti) (2020)</i></p> <p><i>Publisher : International Research Journal of Advanced Engineering and Science, Volume 6, Issue 1, pp. 101-103, 2021.</i></p> <p>12. <i>Blood and Hormonal Profile Association with the Length of Estrous Cycle in Saanen Etawah Crossbred Goat (Pradita Iustitia Sitaresmi, Putri Kusuma Astuti, Budi Prasetyo Widyobroto, Sigit Bintara and Diah Tri Widayati) (2019)</i></p> <p><i>Publisher : Asian J. Biol. Sci., 12 (2): 187-191, 2019. Maret 2019. Knowledge Scientific. http://knowledgiascientific.com</i></p> <p>13. <i>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)</i></p> <p><i>Publisher : KnE Life Sciences. Volume 2019: 149-155</i></p> <p>14. <i>Exfoliative vaginal cytology of Saanen goat (Capra hircus) during estrus cycle (Sitaresmi, P.I., Widyobroto, B.P., Bintara, S.,</i></p>
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	<p>Widayati, D.T.) (2019)</p> <p><i>Publisher : IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012009</i></p> <p>15. <i>The effect of 0.6 and 0.8% Bovine Serum Albumin (BSA) levels in the Cauda Epididymal Plasma-2 (CEP-2) diluent to maintain Ongole Crossbred post-Thawing motility sperm (Rachmawati, A., Ismaya,, Widyobroto, B.P., Bintara, S., Susilawati, T.) (2019)</i></p> <p><i>Publisher : IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012034</i></p> <p>16. <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>17. <i>Fertility duration of commercial laying hen inseminated with native chicken semen (W Asmarawati, DT Widayati, S Bintara, RN Aji) (2019)</i></p> <p><i>Publisher : IOP Conference Series: Earth and Environmental Science 387 (1), 012063</i></p> <p>18. <i>Phenotypic characteristics of Belgian Blue x Brahman Cross and Wagyu x Brahman Cross crossbred population (LLN Adi, A Agus, BP Widyobroto, IGS Budisatria, S Bintara, T Hartatik) (2019)</i></p> <p><i>Publisher : IOP Conference Series: Earth and Environmental Science 387 (1), 012036</i></p> <p>19. <i>Growth Performance on Sapudi Ewe's Birth Typein Sapudi Island, Madura, East Java, Indonesia (H Muarifah, D Maharani, S Bintara, IGS Budisatria) (2019)</i></p> <p><i>Publisher : KnE Life Sciences, 174–178-174–178</i></p> <p>20. <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>21. <i>Accuracy of Estrus Detection Through Vaginal pH in Saanen Ettawah Crossbred Goat (Diah Tri Widayati, Pradita Iustitia Sitaresmi, Sigit Bintara, Budi Prasetyo Widyobroto) (2018)</i></p>
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Publisher : Book of Abstract : The International Food Science and Agrotechnology Conference 2018 (IFOSAC), 7 – 9 Agustus 2018, Terengganu, Malaysia. pp. 57

22. *Blood Biochemical Profile in Fertile and Repeat Breeder Ongole Cross Breed Cows (Diah Tri Widayati, Sigit Bintara, I. Natawihardja and Dyah Maharani) (2018)*

Publisher : Pakistan Journal of Biological Sciences, Vol. 21 No. 4 Page 166-170

23. *Evaluation of Etawah Grade Doe Fertility Based on Milk Urea Nitrogen Levels (Diah Tri Widayati, Diwari Ikasari, Sigit Bintara, Ismaya Natawihardja, Kustono o and Yustina Yuni Suranindyah) (2018)*

Publisher : International Journal of Dairy Science, Vol. 12 No. 4 Page 295-300

24. *Estrus Detection Through Vaginal pH in Saanen Etawah Crossbreed Goats (Diah Tri Widayati, Pradita Iustitia Sitaresmi, Sigit Bintara and Budi Prasetyo Widyobroto) (2018)*

Publisher : Pakistan Journal of Biological Sciences. Vol. 21 No. 8 Page 383-386. ISSN 1028-8880

25. *Exfoliative vaginal cytology and vaginal acidity profile in Ettawa-Saanen grade does (Pradita Iustitia Sitaresmi, Putri Kusuma Astuti, Budi Prasetyo Widyobroto, Sigit Bintara, Diah Tri Widayati) (2018)*

Publisher : International Journal of Pure and Applied Mathematics, Volume 118 No. 24 2018

26. *SRY Gene Marker Differences in Native and Crossbreed Cattle (Tety Hartatik, Dwi Ahmad Priyadi, Ali Agus, Sigit Bintara, I Gede Suparta Budisatria, Panjono, Budi Prasetyo Widyobroto, Yudi Adinata) (2018)*

Publisher : Buletin Peternakan Vol. 42 No. 3 Halaman 179-183.

27. *Supplementation of Follicle Stimulating Hormon Into In vitro Maturation Medium to Increase Oocytes Maturation and 4 Cell Stadium Embryo Development of Bligon Goat (Yanuar Achadri, Diah Tri Widayati, and Sigit Bintara) (2018)*

Publisher : Buletin Peternakan, Vol. 42 No. 2 Halaman 90-96

28. *Parsial Budget Analysis to Determine The Income Added Value Etawa Crossbreed Goat Breeding System Farmer in Kulon Progo, Regency, Yogyakarta, Indonesia (Tri Anggraeni Kusumastuti, Rini Widiati, Sigit Bintara) (2018)*

Publisher : Presented at International Seminar Fasres,

Universitas Muhammadiyah Yogyakarta

29. *Aplikasi Inseminasi Buatan pada Induk Sapi Potong Menggunakan Se-men Cair Sapi Peranakan Ongole dengan Pengencer Cauda Epidydymal Plasma-2+ 0, 6% Bovine Serum Albumin (Achadiyah Rachmawati, Ismaya Ismaya, Budi Prasetyo Widyobroto, Sigit Bintara, Trinil Susilawati) (2018)*

Publisher : Jurnal Ilmu-Ilmu Peternakan (Indonesian Journal of Animal Science), 28(3): 247-258

30. *The Effect of Age on the Quality of Semen Turkeys (Meleagris gallopavo) (RN Aji, I Ismaya, S Harimurti, H Sasongko, S Bintara, W Asmarawati) (2018)*

Publisher : Buletin Peternakan 42 (4): 290-294

31. *The Rescue Actions of Gembrong Goat from Extinction as Local Genetic Resources in Bali, Indonesia (Bayu Andri Atmoko, I Budisatria, Sigit Bintara, Dyah Maharani, Sumadi Sumadi, Jafendi Hasoloan Purba Sidadolog, Lies Mira Yusiati, I Londra) (2018)*

Publisher : Book of Abstract The 1st International Conference on Food and Agriculture, pp. 58

32. *Kualitas Sperma Domba Ekor Gemuk Pasca Pembekuan Sperma Dengan Bantuan Micro Controller (Sigit Bintara, Andriyani Astuti, Panjono Panjono, Tri Anggraeni Kusumastuti) (2018)*

Publisher : Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2018 Dalam Rangka Dies Natalis 49 Fakultas Peternakan UGM, 173-176

33. *Partial Budget Analysis to Determine Additional Income of Etawa Crossbred Goat Farmers Using Breeding System in Kulon Progo Regency, Yogyakarta, Indonesia (TA Kusumastuti, R Widiati, S Bintara) (2018)*

Publisher : Advances in Engineering Research, volume 172: 57-61

34. *Motilitas Post-Thawing Spermatozoa Sapi Peranakan Ongole dalam Pengencer Cauda Epidydymal Plasma-2 Dengan Level Bovine Serum Albumin yang Berbeda (Achadiyah Rachmawati, Ismaya, Budi Prasetyo Widyobroto, Sigit Bintara dan Trinil Susilawati) (2018)*

Publisher : 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. 167-172. ISBN: 978-979-1215-33-6

35. *Kualitas Sperma Domba Ekor Gemuk Pasca Pembekuan Sperma Dengan Bantuan Micro Controller (Sigit Bintara, Andriyani Astuti, Panjono, Tri Anggraeni Kusumastuti) (2018)*

Publisher : 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. 173-176. ISBN: 978-979-1215-33-6

36. *Evaluation of Etawah Grade Die Fertility Based on Milk Urea Nitrogen Levels (Bayu Andri Atmoko, Sigit Bintara, I Gede Suparta Budisatria, Dyah Maharani, Jafendi H P Sidadolog, Sumadi, Lies Mira Yusiati, and I Made Londra) (2017)*

Publisher : International Journal of Dairy Science Vol. 12 No 4, 2017. Pages: 295-300 eISSN: 1811-9751, pISSN: 1811-9743. DOI: 10.3923/ijds.2017.295.300.

URL: <http://scialert.net/abstract/?doi=ijds.2017.295.300>

37. *Progesterone and Biochemical Profile of Ettawa-Saanen Crossbreed Goats in Turi Area, Yogyakarta-Indonesia (2017)*

Publisher : International Journal of Dairy Science Vol. 12 No 4, 2017. Pages: 289-294 eISSN: 1811-9751,

38. *Estradiol Concentration and Estrous Behaviour in Tropical Heifers Supplemented with Undegradable Protein (2017)*

Publisher : Journal of Animal and Veterinary Advances, 2017, Vol. 16, Issue: 1. Page No.: 24-31. ISSN: 1680-5593. DOI: 10.3923/javaa.2017.24.31.

URL: <http://medwelljournals.com/abstract/?doi=javaa.2017.24.31>

39. *Genotype of Brahman and Brahman Crosses Cattle Based on SNP in Insulin-Like Growth Factor Binding Protein-3 (IGFBP-3) Gene Sequences (2017)*

Publisher : Biodiversitas Vol. 18, No. 2, April 2017. Pages: 795-800. ISSN: 1412-033X. E-ISSN: 2085-4722. DOI: 10.13057/biodiv/d180251.

40. *Behavior of Bali Cows at Different Reproduction Phase that Kept in Oil Palm Environment (2017)*

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

41. *The effect of different bovine albumin serum in cauda epididymal*

plasma-2 diluter to Ongole filial sperm motility during chilling storage (2017)

Publisher : Program and Abstract Book of the Sixth SAADC Conference, Batu 16 – 19 October 2017“Wisdom of Using Local Resources for Development of Sustainable Animal Production in Developing Countries”. Batu City, Indonesia. Page: 128

42. *Exterior characteristics of female Gembrong goat in Karangasem, Bali (2017)*

Publisher : Program and Abstract Book of the Sixth SAADC Conference, Batu 16 – 19 October 2017“Wisdom of Using Local Resources for Development of Sustainable Animal Production in Developing Countries”. Batu City, Indonesia. Page: 204

43. *The Proportion of X and Y Sperm, Viability and Motility of Ram Spermatozoa After Separated with White Egg Albumin (2017)*

Publisher : Buletin Peternakan Vol. 41 (1) Februari 2017, hal. 1-7. DOI:<https://doi.org/10.21059/buletinpeternak.v41i1.913>

44. *Kinerja Reproduksi Sapi Betina Sumba Ongole yang Diinseminasi dengan Semen Beku Sapi Jantan Belgian Blue (Reproductive Performances of Sumba Ongole Cows Inseminated with Frozen Belgian Blue Semen). (2017)*

Publisher : Buletin Peternakan Vol. 41 (4): 379-384., November 2017 ISSN-0126-4400 E-ISSN-2407-876X. Penerbit: Fakultas Peternakan UGM, Yogyakarta

45. *Potensi Hijauan Makanan Ternak di Bawah Lahan Perkebunan Kelapa Sawit Sei Rokan Riau (Author 10 of 13) (2016)*

Publisher : Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 94-100

46. *Performan Induk Sapi Bali Selama Bunting yang Dipelihara Peternak Mitra PT. Perkebunan Nusantara V Riau (Author 9 of 14) (2016)*

Publisher : Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 216-221

47. *Analisis Profil dan Penerapan Teknologi pada Kelompok Ternak Kambing Peranakan Etawah di Yogyakarta Indonesia (Author 2 of 2) (2016)*

48. *Publisher : Prosiding Simposium Nasional Penelitian dan*

	<p><i>Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 364-369</i></p> <p>49. <i>Identification of Reproductive Performance of Ettawa crossed Breed Goats on Different Body Condition Score Using Vaginal Smear (Author 2 of 6) (2016)</i></p> <p><i>Publisher : Proceeding of the 17th AAAP Animal Science Congress. Fukuoka, Japan</i></p> <p>50. <i>Artificial Insemination on the Etawah Grade Does Using Frozen Semens of Gembrong Goat (Author 1 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>51. <i>Sperm Quality of Gembrong Goat in Bali before and after Freezing (Author 1 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>52. <i>The Effect of Birth Type on Phenotypic Performance of Sapudi Sheep in Sapudi Island, Madura (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>53. <i>The Motility of DEG Ram's Spermatozoa Before and After Freezing with Addition Antioxidant and Different Extender (Author 2 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>54. <i>Profile analysis and application of technology in the farmer's group of ettawa crossbred goat in Yogyakarta Indonesia (Author 2 of 2) (2016)</i></p> <p><i>Publisher : Proceeding. The 3rd APIS and 3rd ARCAP in Batu October 19-21, 2016</i></p> <p>55. <i>Perbedaan Profil Biokimia Darah pada Kambing Gembrong Fase Estrus dan Diestrus (Author 1 of 8) (2016)</i></p> <p><i>Publisher : Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-</i></p>
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	<i>979-1215-28-2, halaman: 169-172</i>		
Activities in specialist bodies over the last 5 years	<i>PT Sari Husada Yogyakarta</i>	<i>Consultant</i>	<i>2016-present</i>