



FACULTY OF ANIMAL SCIENCE
UNIVERSITY OF BRAWIJAYA

CURRICULUM VITAE MASTER PROGRAM OF ANIMAL SCIENCE (MPAS) & DOCTORAL PROGRAM OF ANIMAL SCIENCE (DPAS)

2020



Faculty of Animal Science Universitas Brawijaya

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| Name | Prof.Dr. Ir. HENDRAWAN SOETANTO, M.Rur.Sc |
| Position | Professor of Animal Nutrition and Feed Technology |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1980 Doctorate (Ruminant Nutrition) University of Queensland 1993 Master's Degree (Rural Science) University of New England 1987 Undergraduate Degree (Nutrition and Animal Feed) Universitas Brawijaya 1978 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Sinta Prima Feedmill Beef and Dairy Cattle Trial Feed (2020). PRISMA Palladium Tahun 2020. Granted: 149.000 million IDR 2. Feed Trial Sierad East Java (2020). PRISMA Palladium 2020. Granted: 141.790 million IDR 3. Nutrigenomic Study of Local Cattle in Relation to Efficiency of Feed Usage (2020), Professor Grant 2020. Grant: 100 million IDR 4. Increasing the usability of rice straw as a complete feed ingredient through the fermentation process using bofarm and EM4 for ruminants (2019), Professor Grant 2019. Granted: 27 million IDR 5. Nutrigenomic Study of Local Cattle in Relation to Efficiency of Feed Usage (2019), Professor Grant 2019. Grant: 100 million IDR |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Concepts and Strategies to Achieve National Feed Security 2. Practical Book of Cultivating Moringa 3. Cultivation of <i>Indigofera zollingeriana</i> 4. Practical Book of Cultivating Tree Saga (<i>Adenanthera pavonina</i>) 5. Introduction to Ruminant Nutrition Science 6. Digestive System In Ruminants: Course Module 1 |
| Important publications over the last 5 years | <p>Selected recent publications from a total of approx. (44):</p> <ol style="list-style-type: none"> 1. Kleden, M.M., Soetanto, H., Kusmartono and Kuswanto. (2017). Genetic Diversity Evaluation Of Moringa Oleifera, Lam From East Flores Regency Using Marker Random Amplified Polymorphic DNA (RAPD) And Its Relationship To Chemical Composition And In Vitro Gas Production. <i>Agrivita</i> 39(2),pp.219–231. https://agrivita.ub.ac.id/index.php/agrivita/article/view/1027 2. Huda, A.N., Ndaru, P.H., Ridhowi, A., Nuningtyas, Y.F., Putritamara, J.A. and Soetanto, H. (2019). Economic Value of Dwarf Elephant Grass and Dried Distiller Grain with Soluble as Feed of Smallholder Dairy Farm in Tulungrejo Village, Ngantang District, Malang Regency. <i>IOP Conf. Ser.: Earth Environ. Sci.</i> 478 012056. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012056/meta 3. Fauzi, M.M., Soetanto, H. and Mashudi. (2020). Effects of Nitrogen and Sulphur Fertilization on the Production and Nutritive Values of Two Elephant Grass Cultivars at Two Different Harvesting Times. <i>IOP Conf. Ser.: Earth Environ.</i> |

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| | <p>Sci. 478 012082 https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012082/pdf</p> <ol style="list-style-type: none"> 4. Frances, C. C., Huda, A. N., Kusmartono, Soetanto, H., Marsetyo and Poppi, D.P. (2020). Intake And Liveweight Gain of Fattening Cattle Is Depressed At High Levels of Cassava Bagasse Inclusion In A Quadratic Dose-Response Relationship. <i>Animal Production Science</i> 61(5) 494-502. https://www.publish.csiro.au/an/AN20055 5. Anggraeny, Y.N., Mariyono, Pamungkas, D., Soetanto, H., Kusmartono and Hartutik. (2021). Effect of synchronizing the rate degradation of protein and organic matter of feed base on corn waste on fermentation characteristic and synthesis protein microbial. <i>IOP Conference Series: Earth and Environmental Science</i> 788(1), 012042. https://iopscience.iop.org/article/10.1088/1755-1315/788/1/012042 6. Kleden, M.M., Soetanto, H. Kusmartono and Kuswanto. (2017). Concentration of Progesterone and Prolactin Hormones and Milk Production of New Zealand White Rabbits Doe Fed Moringa Leaves Meal. <i>Mediterranean Journal of Social Sciences</i> 8(3) Pp. 79-85 doi: 10.5901/mjss.2017.v8n3p79 https://www.richtmann.org/journal/index.php/miss/article/view/9939 7. Lazarus, E., Soetanto, H., Marjuki and Setyowati, R. (2019). Effect of the Use of cooking Product Of The Stem Content of Gebang (<i>Corypha utan Lamk</i>) Plant with Urea on the Growth of Bali Cattle, <i>Russian Journal of Agricultural and Socio- Economic Sciences</i> 9 (93), pp. 63-69 article_06.pdf (rjoas.com) 8. Aprilia, R.M., Kusherawaty, S. and Soetanto, H. (2021). In Vitro Gas Production and Its Prediction on Metabolizable Energy of Complete Feed Using Rumen Fluid of Cattle as Inoculum Taken from Abattoir. <i>Jiip</i> 31 (2): 168-174. https://jiip.ub.ac.id/index.php/jiip/article/view/948/pdf |
| Scientific activities | <ol style="list-style-type: none"> 1. Increasing Inclusion rates of Cassava Bagasse (Onggok) in Concentrate Based Diets for Fattening Cattle in Indonesia. Australian Society of Animal Production. Malang, Desember 2017 2. Indonesian Dairy Cattle Production at The Cross Road: A Review. The 6th SAADC. Malang, Oktober 2017 3. Application of Molasses-Urea Blocks with and without <i>Curcuma aeruginosa</i> for helminthiasis control and to improve milk production of dairy cows at Jabung Sub District, Malang. The 3rd International Conference on One Health. (2020) |

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| | <p>4. In Vitro Gas Production and Rumen Degradability of Lactating Dairy Cow's Rations Containing Three Different Grasses. The International Conference on Environmentally Sustainable Animal Industry (ICESAI) 2020. Malang, 18-19 November 2020</p> |
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| Name | Prof.Dr. Ir. MUHAMMAD NUR IHSAN, MS |
| Position | Professor of Livestock Production |
| Academic career | Undergraduate Universitas Brawijaya 1980 Post Graduate IPB 1984 Doctorate Universitas Brawijaya 2008 |
| Patents and proprietary rights | 1. Fisiologi Reproduksi Ternak (Dasar Manajemen Reproduksi) 2017 2. Ilmu Reproduksi Ternak Dasar 2015 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Dragon fruit peel extract supplementation (<i>Hylocereus polyrhizus</i>) in an extender to improve the quality of goat semen and implement artificial insemination (second year) Researcher Member. 2020 Granted: 50 million IDR 2. Efforts to increase the fertility of frozen goat semen using black grass jelly leaf extract (<i>Mesona palustris</i> b.) In a diluent and its application in artificial insemination. 2020 Granted: 100 million IDR 3. Optimization of Kampung Chickens Fertility with Green Bean Sprouts Supplementation and Acidifier. 2019 Granted: 100 million IDR 4. Improving the quality of goat semen through supplementation of moringa (<i>moringa oleifera</i>) leaf extract in an extender as an effort to increase the success of artificial insemination (IB) of goats. 2018 Granted: 90 million IDR 5. Goat Embryo Production Using IVF Technology Using Fresh Oocytes and Cryopreserved Oocytes. Member. 2018-2019 Granted: 174 million IDR 6. Realization of Local Goat and Sheep Gamete Cell Bank (Spermatozoa) for Conservation and Commercialization of Indonesian Germplasm. Member. 2016 Granted: 1 billion IDR 7. Potential Ruminant Chromosome Karyotyping As a source of seeds in the national livestock selection and breeding program for Artificial Insemination Male candidates. 2014-2015 Granted: 125 million IDR 8. The gamete bank of spermatozoa and oocytes of goats and sheep is native to Indonesia. 2016-2018 Granted: 92,5 Million IDR 9. Potential in vitro culture of local cattle and goat preantral follicles as potential sources of oocytes for embryo production. chairman. 2014 Granted: 80 million IDR 10. Supplementation of Mangosteen Rind Extract (<i>Garcinia mangostana</i>) in Tris Egg Yolk diluent to maintain the quality of goat semen before cooling and freezing. Member. 2016 Granted: 75 million IDR 11. Eggplant Skin Extract (<i>Solanum melongena</i>) Supplementation as a Source of Nasunin in Egg Yolk Tris Diluent to Maintain the Quality of Goat semen During Cooling. Member. 2015 Granted: 24 million IDR |

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| <p>Patents and proprietary rights</p> | <ol style="list-style-type: none"> 1. Unconventional Oocyte Cryopreservation Methods 2. Use of tris aminometane diluent with plant-based supplementation in semen freezing 3. Moringa leaf extract supplementation (moringa oleifera lamp) in the manufacture of liquid semen 4. The entog semen thinner formula 5. Supplementation of water clover (<i>Marsilea crenata</i>) extract in the processing of liquid semen 6. Animal Reproduction Science (Granted) 7. Animal Reproduction Technology (Granted) |
| <p>Important publications over the last 5 years</p> | <ol style="list-style-type: none"> 1. Isnaini, N., Ihsan, M.N., Wahjuningsih, S. (2019). Mangosteen peel extract in tris-egg yolk extender improves fertility of cryopreserved goat sperm. <i>Livestock Research for Rural Development</i>, 31(4), 53. http://www.lrrd.org/lrrd31/4/nuruli31053.html 2. Wahjuningsih, S., Ihsan, M.N., Ciptadi, G., Isnaini, N., Rahayu, S., Afifah, D.D. (2019). Effect of <i>Moringa oleifera</i> leaves extract on post-thawed semen quality of Senduro Goat. <i>IOP Conference Series: Earth and Environmental Science</i>, 247(1), 012055. https://www.researchgate.net/publication/332301979_Effect_of_Moringa_oleifera_leaves_extract_on_post-thawed_semen_quality_of_Senduro_Goat 3. Zuhri, M.S., Ihsan, M.N. and Isnaini, N. (2019). Evaluation of the reproductive performance of madura cattle raised by small-scale farmers in madura, Indonesia. <i>Livestock Research for Rural Development</i> 31(5). http://www.lrrd.org/lrrd31/5/nurul31070.html 4. Solikin, N., Hartono, B., Fanani, Z. and Ihsan, M.N. (2019). The Contribution of Social Capital to the Income and Development of Beef Cattle Farmers. <i>IOP Conference Series: Earth and Environmental Science</i>, 372(1), 012053. https://www.researchgate.net/publication/337097271_The_Contribution_of_Social_Capital_to_the_Income_and_Development_of_Beef_Cattle_Farmers 5. Wahjuningsih, S., Ciptadi, G., Ihsan, M.N., Isnaini, N., Rahayu, S. (2019). Supplementation of Moringa oleifera leaves' extract in Tris-egg yolk extender on the quality and fertility of cryopreserved Senduro goat sperm. <i>Livestock Research for Rural Development</i>, 31(12). http://www.lrrd.org/lrrd31/12/yunin31185.html 6. Wahjuningsih, S., Ciptadi, G., Ihsan, M.N., Putri, A.R.I. and Karima, H.N. (2019). Goat oocytes quality after vitrification using difference of glycerol concentration and exposure time. <i>IOP Conference Series: Earth and Environmental Science</i>, 391(1). https://search.proquest.com/openview/073b0f796cee62beb3ffe00da00f7408/1?pg-origsite=gscholar&cbl=4998669 7. Ervandi, M., Ihsan, M.N., Wahjuningsih, S. and Susilawati, T. |

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| | <p>(2020). Pregnancy rate and reproductive disorders examination of inseminated brahman cross cows by rectal palpation and ultrasonography. <i>American Journal of Animal and Veterinary Sciences</i>, 15(1), 73-80. https://thescipub.com/abstract/10.3844/ajavsp.2020.73.80</p> <p>8. Supartini, N., Ihsan, M.N., Natsir, M.H. and Isnaini, N. (2020). Production Performances of Indonesian Native Rooster (<i>Gallus gallus domesticus</i>) Supplemented with Germinated Mung Bean Sprouts and Acidifiers in the Diet. <i>Journal of World's Poultry Research</i>, 10(3), pp. 480–484. https://dx.doi.org/10.36380/jwpr.2020.55 indexcopernicus.com</p> <p>9. Supartini, N., Isnaini, N., Natsir, M.H. and Ihsan, M.N. (2020). Effect of Mung Bean Sprout and Acidifier Supplementation on Fertility, Survival Rate, and Egg Weight of Native Chicken. <i>IOP Conference Series: Earth and Environmental Science</i>, 478(1), 012070. https://www.researchgate.net/publication/341978815_Effect_of_Mung_Bean_Sprout_and_Acidifier_Supplementation_on_Fertility_Survival_Rate_and_Egg_Weight_of_Native_Chicken</p> <p>10. Wahjuningsih, S., Ihsan, M.N., Pahlevi, R. and Pratiwi, H. (2021). Effect of water clover (<i>Marsile crenata</i>) extract within tris-fructose citric glycerol extender on frozen semen quality of boer goat. <i>IOP Conference Series: Earth and Environmental Science</i>, 743(1), 012012. https://ui.adsabs.harvard.edu/abs/2021E%26ES..743a2012W/abstract</p> |
| Scientific activities | <p>Sri Wahyuningsih, Muhammad Nur Ihsan, Gatot Ciptadi and Helly N Karima. (2018). In vitro Fertilisation of Cryopreserved goat oocytes in different Cryoprotectants. 5th International Conference on Advance Molecular Bioscience and Biomedical Engineering (ICAMBBE) 2018</p> |

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| Name | Prof.Dr. Ir. IFAR SUBAGIYO, M.Agr.St |
| Position | Professor of Animal Nutrition and Feed Technology |
| Academic career | <ol style="list-style-type: none"> 1. Professor, Faculty of Animal Science, Universitas Brawijaya Lecturer, Faculty of Animal Science, Universitas Brawijaya, 1982 2. Doctorate (Animal Science), Wageningen Agricultural University, Netherlands, 1996 3. Master (Animal Science), University of Melbourne, Australia, 1990 4. Undergraduate Degree (Animal Science), Universitas Brawijaya, 1981 |
| Research and development projects over the last 5 years | |
| Industry collaborations over the last 5 years | - |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Subagiyo, I. and Kusmartono. (2017). Kultur Padangan. Malang:UB Press 2. Subagiyo, I. (2012). Mozaik Tanaman Pakan. Malang: Bayumedia Publishing. |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Jaliyah, A.K., Subagiyo, I., Chuzaemi, S. and Marjuki. (2020). Germination of Seven Different Sorghum Varieties for Hydroponic Sorghum Forage Production as Feed. Co- author. IOP Conference Series: EES, 478:012057. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012057/pdf 2. Sudirman, S., Hartono, B., Subagiyo, I. and Nugroho, B. A. (2018). Analysis of Domestic Resources Cost Based on Farm Typology of Bali Cattle in Plampang Sumbawa Regency, West Nusa Tenggara. Tropical Animal Science Journal, 41 (3):224-233. DOI: https://doi.org/10.5398/tasj.2018.41.3.224 |
| Scientific activities | <ol style="list-style-type: none"> 1. Evaluation of Chemical Composition in Complete Feed Diets Supplemented By Kaliandra Leaf (<i>Calliandra calothyrsus</i>) Meal and Myristic Acis. The International Conference on Environmentally Sustainable animal Industry (ICESAI) 2020. Faculty of Animal Science Universitas Brawijaya, 18-19 November 2020 2. Assistance and Developed of Urea Molesses Medicated Block UMMB). The International Conference on Enviromentally Sustainable animal Industry (ICESAI) 2020. Faculty of Animal Science Universitas Brawijaya, 18-19 November 2020 3. Hermanto, Chuzaemi, S., Nugroho, B. A and Subagiyo, I. (2020). Water Requirements in Hydrophonic and Aquaphonic Maize Green Production. Proceeding: The International Conference on Environmentally Sustainable Animal Industry (ICESAI) 2020. Faculty of |

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| | <p>Animal Science Universitas Brawijaya, 18-19 November 2020</p> <p>4. Quality and Fermented Dadap (<i>Erythrina varigata Linn</i>) Leaves with <i>Pleurotus ostreatus</i> Fungus as An Alternative Feed Monogastric Livestock. The International Conference on Enviromentallly Sustainable animal Industry (ICESAI). Malang, 18-19 November 2020</p> |
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|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name | Prof.Dr.Ir. KUSMARTONO |
| Position | Professor of Animal Nutrition and Feed Technology |
| Academic career | <ol style="list-style-type: none"> 1. Lecturer Faculty of Animal Science, Universitas Brawijaya 1985 Habilitation (Ruminant Nutrition) Massey University, New Zealand 1996 2. Doctorate (Tropical Pasture Science) Queensland University , Australia 1991 3. Undergraduate Degree (Animal Science) Universitas Brawijaya 1984 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Response Curve and Liveweight Gain and Feeding Cost Efficiency of Madura Bulls fed Onggok. (2017). Australian Centre for International Agricultural Research (ACIAR) Tahun 2017. Granted: 300 million IDR 2. Profitable Feeding Strategies for Smallholder Cattle in Indonesia: Live Weight Gain Response Curve of Crossbred Limousine Bulls to Variable Levels of Dried Cassava and Protein Meal. (2019), Australian Centre for International Agricultural Research (ACIAR) Tahun 2019. Granted: 300 million IDR 3. Profitable Feeding Strategies for Smallholder Cattle in Indonesia: Liveweight Gain Response Curve of Crossbred Limousine Bulls to Variable Levels of Cassava Peel Silage and Protein Meal. (2020), Australian Centre for International Agricultural Research (ACIAR) Tahun 2020. Granted: 300 million IDR 4. Rumen Manipulation of Fat-Tailed Sheep (DEG) Through Fermentation Engineering Basal Feed Silage Cassava Bark and Supplementation of Various Levels of Leaves Sources of Protein (2019), Hibah Penelitian Guru Besar. Granted: 100 million IDR |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Science of Ruminant Animal Nutrition 2. Pasture Cultivation 3. Practicum Instructions Module for Science and Feed Material Processing 4. Basic Practice Guidelines Module Animal Nutrition Feed Materials 5. Feed Industry Practicum Guide Module |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Kleden, M.M., Soetanto, H., Kusmartono and Kuswanto. (2017). Genetic Diversity Evaluation of Moringa Oleifera, Lam From East Flores Regency Using Marker Random Amplified Polymorphic DNA (RAPD) And Its Relationship To Chemical Composition And In Vitro Gas Production. Agrivita 39(2),pp.219–231. https://agrivita.ub.ac.id/index.php/agrivita/article/view/1027 2. Syahrir, Hartutik and Kusmartono. (2017). Nutritional qualities of cocoa pod husk treated with bioconversion and or provision of nitrogen sources in the rumen. 2017. Media Peternakan 40(3), pp. 165–170. https://journal.ipb.ac.id/index.php/mediapeternakan/articl |

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| | <p>e/view/17617</p> <ol style="list-style-type: none"> 3. Setiadi, D., Kusmartono, Kasmiyati, Harper, K.J. and Poppi, D.P. (2020). The Weight Gain and Growth of Crossbred Bulls Fed Locally Inspired Supplements Compared with Current Feeding Systems in Village Smallholdings in Malang, East Java. IOP Conference Series: Earth and Environmental Science. 478(1), 012037. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012037 4. Ndaru, P.H., Huda, A.N., Marjuki, Ndaru, R.K. and Kusmartono. 2020. Providing High Quality Forages with Hydroponic Fodder System. IOP Conference Series: Earth and Environmental Sciencethis link is disabled, 2020, 478(1), 012054. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012054 5. Retnaningrum, S., Kusmartono, Mashudi, Harper, K.J. and Poppi, D.P. (2020). Effect of Using Different Levels of Cassava Meal on Nutrient Intake, Fiber Digestibility and Body Condition Score in Crossbreed Limousin Bulls. IOP Conference Series: Earth and Environmental Science 478(1), 012065. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012065 6. Retnaningrum, S., Kusmartono, Mashudi, Harper, K.J. and Poppi, D.P. 2021. Formulating rations with cassava meal to promote high live weight gain in crossbred Limousin bulls. Animal 15(2), 100125. https://www.sciencedirect.com/science/article/pii/S1751731120301270 7. Cowley, F.C., Huda, A.N., Kusmartono, Marsetyo, Poppi, D.P. 2021. Intake and liveweight gain of fattening cattle is depressed at high levels of cassava bagasse inclusion in a quadratic dose-response relationship. Animal Production Science 61(5), pp. 494–502. https://www.publish.csiro.au/an/AN20055 8. Anggraeny, Y.N., Mariyono, Pamungkas, D., Kusmartono. 2021. Effect of synchronizing the rate degradation of protein and organic matter of feed base on corn waste on fermentation characteristic and synthesis protein microbial. IOP Conference Series: Earth and Environmental Science 788(1), 012042. https://iopscience.iop.org/article/10.1088/1755-1315/788/1/012042 9. Poppi, D. P., Kusmartono, K. Kasmyati, Quigley, S.P. and Harper, K.J. (2021). Feeding Strategies for Improving Ruminant Productivity in the Post-COVID 19 Pandemic Era Particularly for Small Holders. JIIP 31(1): 84-94. https://jiip.ub.ac.id/index.php/jiip/article/view/931 |
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| Scientific activities | <ol style="list-style-type: none"><li data-bbox="531 219 1335 331">1. Effect green bean sprout and acidifier supplementation on fertility, survival rate, and egg weight native chicken 4th APIS 2019. 24-27 Oktober 2019. Malang, Indonesia<li data-bbox="531 342 1335 477">2. Ndaru, P.H. Hermanto, Kusmartono and Huda, A.N. (2020). Optimizing productivity of fat-tail sheep using single cell protein in concentrate. IOP Conference Series: Earth and Environmental Science. 411(1)2020. |
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| Name | Prof.Dr. Sc. Agr. Ir. SUYADI, MS.,IPU.,ASEAN Eng. |
| Position | Professor of Animal Biotechnology Reproduction |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1987 Doctorate (Animal Science) Gottingen University Germany 1999 Undergraduate degree (Animal Science) Universitas Brawijaya 1986 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Animal Biotechnology and Coral Reef Fisheries USAID SHERA Granted: 371 million IDR 2. Genetic characterization and phylogeny of goats in East Java based on microsatellite loci. Hibah Guru Besar 2019. Granted 100 million 3. Characterization of genetic diversity in local Indonesian goats using cytochrome-B Hibah Guru Besar 2020. Granted: 100 million IDR 4. Identification of Gene Markers for the ability of Cement Production in order to determine the PO Cattle Superior bull. Kemenristek Dikti 2017-2020. Granted: 500 million |
| Industry collaborations over the last 5 years | National artificial insemination center, Singosari-Indonesia |
| Patents and proprietary rights | <ul style="list-style-type: none"> - Kamus Istilah Bioteknologi Peternakan - Teknologi Reproduksi Ternak |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Indrati, R., Ihsan, M. N., Sofjan, O. and Suyadi, S. (2019). Ethanol extraction of Sambiloto leaves (<i>Andrographis paniculata</i> Nees) and evaluation of its immunomodulatory activity towards gastrointestinal nematode infestation in Ettawah crossbred goats. <i>Livestock Research for Rural Development</i> 31(12). http://www.lrrd.org/lrrd31/12/rosit31191.html 2. Suyadi, S., Susilorini, T.E. (2019). Induction of estrus by laser puncture exposure in Etawah Crossbred Does with the anestrus post-partum problems at different parities. <i>IOP Conference Series: Earth and Environmental Science</i> 387(1), 012086. https://iopscience.iop.org/article/10.1088/1755-1315/387/1/012086 3. Suyadi, S., Septian, W. A., Furqon, A., Susilorini, T.E., Nasich, M. (2019). Reproduction Index of Kacang Goat Dam Reared under Closed Population in Buduran Sub-District, Sidoarjo Regency, East Java, Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> 391(1), 012007. https://iopscience.iop.org/article/10.1088/1755-1315/391/1/012007 4. Mazidda, S., Suyadi, and Hikmawati, D. (2020). Effect of addition of onion (<i>Allium cepa</i> L.) extract in ringer's diluent on spermatozoa quality of <i>gallus domesticus</i> at room temperature. <i>Ecology, Environment and Conservation</i> 26 |

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| | <p>(November Suppl. Issue), pp. S49–S54. http://www.envirobiotechjournals.com/article_abstract.php?aid=10893&iid=320&jid=3</p> <p>5. Suyadi, S., Susilorini, T.E., Septian, W.A., Nugroho, C.D. and Putri, R.F. (2020). Is the Reproductive Performance of Goats That are Kept Intensively Different from Those Maintained by Small Farmer? A Review. IOP Conference Series: Earth and Environmental Science 478(1), 012081. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012081</p> <p>6. Suyadi, S., Herwijanti, E., Septian, W.A., Putri, R.F. and Novianti, I. (2020). Some Factors Affecting the Semen Production Continuity of Elite Bulls: Reviewing Data at Singosari National Artificial Insemination Center (SNAIC), Indonesia. IOP Conference Series: Earth and Environmental Science 478(1), 012080. https://www.researchgate.net/publication/341979423_Some_Factors_Affecting_the_Semen_Production_Continuity_of_Elite_Bulls_Reviewing_Data_at_Singosari_National_Artificial_Insemination_Center_SNAIC_Indonesia</p> <p>7. Qisthon, A., Busono, W., Surjowardojo, P. and Suyadi. (2020). The potential of the development of Holstein crossbreed dairy cows in tropical lowland Indonesia: Study of physiological and milk production by body cooling treatment. Indian Journal of Animal Research 54(7), pp. 846–850. https://arccjournals.com/journal/indian-journal-of-animal-research/B-554</p> <p>8. Suyadi, S., Purwantara, B., Furqon, A., Septian, W.A., Novianti, I., Nursita, I.W., Nugrah, C.D., Putri, R.F., Pratiwi, H. and Herwiyati, E. (2020). Influences of bull age and season on sperm motility, sperm concentration, and ejaculate volume of Ongole Grade cattle in Singosari National Artificial Insemination Center. Journal of the Indonesian Tropical Animal Agriculture 45(4), pp. 261–267. https://ejournal.undip.ac.id/index.php/jitaa/article/view/28151</p> <p>9. Saleh, E., Suyadi, Djunaidi, I.H. and Widodo, E. (2020). The effect of fermented corn straw as a substitute for rice bran in the ration on the performance of cross breed native chickens. Systematic Reviews in Pharmacy 11(12), pp. 725–729. https://www.sysrevpharm.org/abstract/the-effect-of-fermented-corn-straw-as-a-substitute-for-rice-bran-in-the-ration-on-the-performance-of-cross-breed-native-67081.html</p> <p>10. Suyadi, Saptadi, D. and Sugiharto, A.N. (2021). Combining ability of Indonesian tropical maize in two different seasons. Agrivita 43(2), pp. 347–357.</p> |
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| | https://www.agrivita.ub.ac.id/index.php/agrivita/article/view/2915 |
| Scientific activities | <ol style="list-style-type: none"> 1. Some factors affecting the semen production continuity of elite bulls: Reviewing data at Singosari National Artificial Insemination Center (SNAIC), Indonesia. 4th APIS 2019. 24-27 oktober 2019. Malang, Indonesia 2. Is the reproductive performance of goats that are kept intensively different from those maintained by small farmer? a Review. 4th APIS 2019. 24-27 oktober 2019. Malang, Indonesia 3. Suyadi, S., Nurgiartiningsih, V. M. A. and Pratama, A. R. (2020). Effect of individual buck on the litter size, birth weight and weaning weight from crossing Boer and PE goats. In Proceedings 1st ICESAI 18-19 November 2020. Malang. Indonesia |

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| Name | Prof.Dr. Ir. BUDI HARTONO, MS., IPU., ASEAN Eng. |
| Position | Professor of Livestock Socioeconomic |
| Academic career | <p>Doctorate (Agricultural Economy) Universitas Brawijaya 1997-2000</p> <p>Master's Degree (Animal Science) Gadjah Mada University 1989-1992</p> <p>Undergraduate Degree (Animal Husbandry) Gadjah Mada University 1981-1985</p> |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. THE IMPACT OF COVID 19 ON THE ECONOMY OF LAYER FARMERS IN BLITAR REGENCY, EAST JAVA (2020) 2. CONSUMER BEHAVIOR ANALYSIS IN HONEY PURCHASE IN INDONESIA (2021) 3. ELASTICITY OF DEMAND FOR BROILER MEAT DURING PANDEMIC COVID-19 IN MALANG DISTRICT (2021) 4. SUPPLY CHAIN ANALYSIS (SUPPLY CHAIN) OF DUCK MEAT IN "BEBEK SINJAY' RESTAURANT IN MADURA ISLAND (2019) 5. ECONOMIC EFFICIENCY ANALYSIS OF LAYER LIVESTOCK BUSINESS IN MALANG DISTRICT: STOCHASTIC FRONTIER ANALYSIS (SFA) APPROACH (2018) |
| Industry collaborations over the last 5 years | <ul style="list-style-type: none"> - Ekonomi Bisnis Peternakan - Prinsip Analisis Ekonomi (Teori dan Aplikasi di Bidang Peternakan) - Upaya Peningkatan Ekonomi Rumah Tangga Peternak Sapi Perah |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Basic Economic Analysis 2. Animal Husbandry Business Economics 3. Household Economy of Dairy Farmers |
| | <ol style="list-style-type: none"> 1. Solikin, N., Hartono, B., Fanani, Z. and Ihsan, M.N. Socio-Economic profile of beef cattle farmers in Kediri Regency, East Java Province. (2019). International Journal of Innovation, Creativity and Change 9(9), pp. 172–182. https://www.ijicc.net/images/vol9iss9/9916_Solikin_2019_E_R.pdf 2. Amam, A., Fanani, Z., Hartono, B. and Nugroho, B.A. (2019). The Power of Resources in Independent Livestock Farming Business in Malang District, Indonesia. IOP Conference Series: Earth and Environmental Science. 372(1), 012055. https://www.researchgate.net/publication/337098408_The_Power_of_Resources_in_Independent_Livestock_Farming_Business_in_Malang_District_Indonesia/fulltext/5dc4bf4ba6fdcc2d2ffb70ec/The-Power-of-Resources-in-Independent- |

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| | <p>Livestock-Farming-Business-in-Malang-District-Indonesia.pdf</p> <ol style="list-style-type: none"> 3. Solikin, N., Hartono, B., Fanani, Z. and Ihsan, M.N. (2019). The Contribution of Social Capital to the Income and Development of Beef Cattle Farmers. IOP Conference Series: Earth and Environmental Science 372, 012053. https://www.researchgate.net/publication/337097271_The_Contribution_of_Social_Capital_to_the_Income_and_Development_of_Beef_Cattle_Farmers 4. Amam, Fanani, Z., Hartono, B. and Nugroho, B.A. (2019). Broiler livestock business based on partnership cooperation in Indonesia: The assessment of opportunities and business developments. International Journal of Entrepreneurship. 23 (15). https://www.abacademies.org/articles/broiler-livestock-business-based-on-partnership-cooperation-in-indonesia-the-assessment-of-opportunities-and-business-developments-8830.html 5. Febrianto, N., Hartono, B. and Yulinarsari, A.P. (2020). Supply Chain Management Information System of Duck Meat at Madura Island (Case Study at Sinjay Duck Restaurant). IOP Conference Series: Earth and Environmental Science 478(1), 012087. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012087 6. Febrianto, N., Hartono, B. and Yulinarsari, A.P. (2021). Value-added analysis of duck meat supply chain in Malang, Indonesia. American Journal of Animal and Veterinary Sciences 16(3), pp. 112–120. https://www.researchgate.net/publication/354026138_Value-Added_Analysis_of_Duck_Meat_Supply_Chain_in_Malang_Indonesia 7. Hartono, B., Febrianto, N. and Akhiroh, P. (2021). Socio-economic profile of small-scale laying chicken farmers in Blitar Regency Indonesia. IOP Conference Series: Earth and Environmental Science 788(1), 012210. https://iopscience.iop.org/article/10.1088/1755-1315/788/1/012210 8. Masyithoh, D., Hartono, B., Fanani, Z., Radiati, L.E. and Febrianto, N. (2021). Identification of socioeconomic profile of Kembang Joyo Honey |
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| | <p>consumers in Batu City. IOP Conference Series: Earth and Environmental Science 788(1), 012217. https://iopscience.iop.org/article/10.1088/1755-1315/788/1/012217/meta</p> <p>9. Febrianto, N., Hartono, B., Kusumastuti, A.K. and Akhiroh, P. (2021). Revenue of broiler farming partnership system post covid-19 (case study in PT Anugerah Kartika Agro Kediri). IOP Conference Series: Earth and Environmental Science 788(1), 012211. https://iopscience.iop.org/article/10.1088/1755-1315/788/1/012211</p> <p>10. Nadja, R.A., Summase, I., Salam, M., Busthanul, M., Bakri, R., and Hartono, B. (2021). Comparison of rice farming income planting system moving rice transplanter with manual in Sidoraharjo Village. IOP Conference Series: Earth and Environmental Sciencethis link is disabled, 2021, 807(3), 032068. https://iopscience.iop.org/article/10.1088/1755-1315/807/3/032068/meta</p> <p>11. Sudirman, S., Hartono, B., Subagiyo, I. and Nugroho, B. A. (2018). Analysis of Domestic Resources Cost Based on Farm Typology of Bali Cattle in Plampang Sumbawa Regency, West Nusa Tenggara. Tropical Animal Science Journal, 41 (3):224-233. DOI: https://doi.org/10.5398/tasj.2018.41.3.224</p> |
| Scientific activities | The supply chain analysis of duck meat in Madura Island, East Java, Indonesia. 4 th APIS 2019. 24-27 Oktober 2019. Malang, Indonesia |

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| Name | Prof.Dr. DJALAL ROSYIDI, MS., IPU., ASEAN Eng. |
| Position | Professor of Animal Product Technology |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya, 1986 Professor Faculty of Animal Science, Universitas Brawijaya, 2011 Doctorate (Animal Science), IPB University, 2005 Master's degree (Animal Science), Universitas Padjadjaran, 1992 Undergraduate Degree (Animal Science), Universitas Brawijaya, 1985 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Heterocyclic aromatic amines (HAAs) profile of goat satay and its generation preventive measures (2019). Partner: National Animal Husbandry Training Center. Grant: 100 million IDR 2. Identification and characterization of meat-based traditional food in East Java (2018). Partner: National Animal Husbandry Training Center. Grant: 100 million IDR 3. The effect of nano-particle of local coffee as immunomodulator for chicken infected with <i>Salmonella enteritidis</i> (2017). Granted: 568 million IDR |
| Industry collaborations over the last 5 years | <ul style="list-style-type: none"> - Dasar Teknologi Hasil Ternak - Rumah Potong Hewan dan Teknik Pemotongan Ternak Secara Islami |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Snail mucin isolation, patent ID P0027980, 2011 2. Abattoir and Islamic Slaughtering Process (<i>Rumah Potong Hewan dan Teknik Pemotongan Ternak secara Islami</i>), proprietary rights (book), 2019 |
| | <ol style="list-style-type: none"> 1. Fadlilah, A., Rosyidi, D., Susilo, A. (2020). Chemical Quality of Fresh New Zealand White Rabbit Meat in Batu, Indonesia. IOP Conference Series: Materials Science and Engineering 811(1), 012024. https://www.researchgate.net/publication/341382760_Chemical_Quality_of_Fresh_New_Zealand_White_Rabbit_Meat_in_Batu_Indonesia 2. Fadlilah, A., Rosyidi, D. and Susilo, A. (2020). Microbial qualities of rabbit meat fermented with <i>Lactobacillus plantarum</i>. IOP Conference Series: Earth and Environmental Science this link is disabled 492(1), 012058. https://iopscience.iop.org/article/10.1088/1755-1315/492/1/012058 3. Widati, A.S., Rosyidi, D., Radiati, L.E. and Nursyam, H. (2021). The Effect of Seaweed (<i>Eucheuma cottonii</i>) Flour Addition on Physicochemical and Sensory Characteristics of an Indonesian-Style Beef Meatball. International Journal of Food Studies 10, pp. S111–S1120. https://www.iseki-food-ejournal.com/ojs/index.php/ejournal/article/view/819 4. Qosimah, D., Rosyidi, D., Radiati, L.E., Permata, F.S., Anisa, A.K. Green <i>Coffea robusta</i> (<i>Coffea canephora</i>) from Lampung Province effect toward free radicals in chickens infected with <i>Salmonella enteritidis</i> bacteria. Open Veterinary Journal this link is disabled, 2021, 11(1), pp. 61–69. |

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| | <p>https://pubmed.ncbi.nlm.nih.gov/33898285/</p> <ol style="list-style-type: none"> 5. Komansilan, S., Rosyidi, D., Radiati, L.E., Purwadi, P., Evanuarini, H. The physicochemical characteristics and protein profile of cottage cheese produced by using crude bromelain enzyme extracted from ananas comosus. <i>Current Research in Nutrition and Food Science</i> this link is disabled, 2021, 9(2), pp. 578–587. https://www.foodandnutritionjournal.org/volume9number2/the-physicochemical-characteristics-and-protein-profile-of-cottage-cheese-produced-by-using-crude-bromelain-enzyme-extracted-from-ananas-comosus/ 6. Krisnaningsih, A.T.N., Rosyidi, D., Radiati, L.E., Purwadi, P., Hadiani, D.P.P. and Wae, R.L. (2021). The effect of different storage times at 5°C on the quality of yogurt with the addition of local taro starch (<i>Colocasia esculenta</i>) as stabilizer. <i>Journal of Physics: Conference Series</i> 1869(1), 012005. https://iopscience.iop.org/article/10.1088/1742-6596/1869/1/012005/meta 7. Sakul, S.E., Rosyidi, D., Radiati, L.E., Purwadi and Evanuarini, H. (2021). Effect of <i>Pleurotus ostreatus</i> aqueous extract on physicochemical properties, protein profile and total lactic acid bacteria of yogurt fortified with <i>Lactobacillus acidophilus</i>. <i>Journal of Microbiology, Biotechnology and Food Science</i> this link is disabled 10(6), pp. 1–4. https://www.semanticscholar.org/paper/EFFECT-OF-Pleurotus-ostreatus-AQUEOUS-EXTRACT-ON-OF-Rosyidi/f542bbf2a0657ae9835f14373b95de342e44a7a1 8. Saputro, E., Radiati, L.E., Warsito and Rosyidi, D. (2021) The impact of Covid-19 on the slaughtering number of sacrificial animals in East Java, Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> 807(2), 022006. https://iopscience.iop.org/article/10.1088/1755-1315/807/2/022006 9. Rosyidi, D. (2020). Physicochemical Quality and Organoleptic Properties of Commercial Beef Meatballs in Malang City, East Java, Indonesia. <i>IOP Conference Series</i>: 478(1) 012075 https://www.researchgate.net/publication/341978966_Physicochemical_Quality_and_Organoleptic_Properties_of_Commercial_Beef_Meatballs_in_Malang_City_East_Java_Indonesia 10. Rosyidi, D., Qosimah, D., Amri, I.A., Permata, F.S., Anisa, A.K., Putri, L.R. Cindyaputri, N.A., Wulandari, Leuricha, Y. and Radiati, L.E. (2020). Effect of robusta coffee from Lampung (<i>Coffea canephora</i>) to relative number of Ho-1, Nrf2 and duodenum tissue histopathology in chicken. <i>Advances in Animal and Veterinary Sciences</i>, 8(4) 422-427 https://www.researchgate.net/publication/340497884_Effect_of_Robusta_Coffee_from_Lampung_Coffea_canephora_to_Relative_Number_of_Ho-1_Nrf2_and_Duodenum_Tissue_Histopathology_in_Chicke |
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| Scientific activities | Physicochemical Quality and Organoleptic Properties of Commercial Beef Meatballs in Malang City, East Java, Indonesia. 4 th APIS 2019. 24-27 Oktober 2019. Malang, Indonesia |

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| Name | Prof.Dr. Ir. GATOT CIPTADI, DESS., IPU., ASEAN Eng |
| Position | Professor of Animal Genetics |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1987 Doctorate (Animal Science) Universitas Brawijaya 2005 Undergraduate degree (Animal Science) Gajah Mada University 1985 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Analysis of the Genetic Contribution, Similarity and Genetic Distance of Indonesian Senduro Goats and Local Goats. Hibah Guru Besar. Granted: 100 million IDR (2020) 2. Improvement Genetic and reproductive recording buffalo through artificial insemination in Lumajang regency. Hibah Doktor. Granted: 50 million (2019) 3. Analysis of similarity, phenotypes, genetics and the natural increase in livestock in the potential area of buffalo production in East Java. Hibah Doktor. Granted: 50 million (2018) |
| Industry collaborations over the last 5 years | Artificial Insemination Center, Singosari |
| Patents and proprietary rights | - Bioteknologi Sel Gamet & Kloning Hewan |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Kiptiyah, K., Widodo, W., Ciptadi, G., Aulanni'am, A., Widodo, M.A. and Sumitro, S.B. (2020). 10-gingerol induces oxidative stress through HTR1A in cumulus cells: In-vitro and in-silico studies. Journal of Complementary and Integrative Medicine 17(4), 20190042. https://pubmed.ncbi.nlm.nih.gov/32284444/ 2. Iswati,, Natsir, M.H., Ciptadi, G. and Susilawati, T. (2021). Egg Production, Fertility, Hatchability and Luteinizing Hormone Profile of Progesterone Hormone Injected to Arabic Gold Chicken (Gallus turcicus). Journal of World's Poultry Research 11(1), pp. 73–82. https://iwpr.science-line.com/attachments/article/57/JWPR%2011(1)%2073-82,%202021.pdf 3. Tethool, A.N., Ciptadi, G., Wahjuningsih, S., Amaliya, A., Sawitri, W. and Susilawati, T. (2021). The influence of individual factors on the characteristics and production of frozen semen of Bali cattle. Journal of Advanced Veterinary Research 11(3), pp. 162–166. https://advetresearch.com/index.php/AVR/article/view/732 4. Ciptadi, G., Harris, A., Karima, H.N. and Setyawati, S. (2016). The Respond of Immature Oocytes from Prepubertal Indonesian Goat After Estrus Goat Serum (EGS) Supplementation On In-vitro Maturation Rate, S Research Journal of Pharmaceutical, Biological and Chemical Sciences 7 (5): 7-11. https://www.researchgate.net/publication/308022865_The_Respond_of_Immature_Oocytes_from_Prepubertal_Indonesian_G |

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| | <p>oat After Estrus Goat Serum EGS Supplementation On In-vitro Maturation Rate</p> <ol style="list-style-type: none"> 5. Paputungan, U., Hakim, L., Ciptadi, G. and Lopian, H.F.N. (2016). Evaluation of growth hormone genotypes associated with live weight of progeny generation (G1) derived from parental generation (G0) of Indonesian grade cattle. LRRD 28 (02). http://www.lrrd.org/lrrd28/2/papu28028.htm 6. Bilqis, B., Rahayu, S. and Ciptadi, G. (2016). Oocyte In Vitro Maturation with Crude Sperm Extract Protein of Bull's Spermatozoa J.Exp. Life Sci. 6 (1) https://jels.ub.ac.id/index.php/jels/article/view/179 7. Mutiati, E., Rahayu, S., Ciptadi, G. and Nasich, M. (2016). Estrous Cycle Response in Mice (<i>Mus musculus</i>) with CSE (Crude Sperm Extract) Injected Intraperitoneally. J.Exp. Life Sci. 6 (1) https://jels.ub.ac.id/index.php/jels/article/view/180 8. Zamuna, A.A.K.K.M., Susilawati, T. and Ciptadi, G. (2016). Evaluation of Different Breeds of Beef Cattle Bull's Capacity in Producing Frozen Sperms, Abd Al Karim Khalifa Mabrok, Research in Zoology 6(1): 8-10 DOI:0.5923/j.zoology.20160601.02 http://article.sapub.org/10.5923.j.zoology.20160601.02.html 9. Kiptiyah, K., Widodo, W., Ciptadi, G., Aulanni'am, A., Widodo, A. and Sumitro, S. B. (2017). 10-Gingerol as an Inducer of Apoptosis through HTR1A in Cumulus Cells: In-Vitro and In-Silico Studies. Journal of Taibah University Medical Sciences 12 (5): 397-406. https://www.sciencedirect.com/science/article/pii/S165836121730094X 10. Ciptadi, G., Ihsan, M. N., Rahayu,S., Nurgiartiningsih, V.M.A.. Mudawamah and Putri, A.R.I. (2017). The Comparison of Chromosome Analysis Result by Manual and Software Cytovision Image Analysis Using Simple G-Banding. RESEARCH JOURNAL OF LIFE SCIENCE 4(2) https://rjls.ub.ac.id/index.php/rjls/article/view/161 11. Ciptadi, G., Ihsan, M, N., Rahayu, S., Wahjuningsih, S., Munazaroh, A. M., Chotimah, C., Ardyah, I.P. and Putra, R. P. (2017). Post Thawing Sperm Quality and Ca +2 Intensity Characters of Local Goat Sperm After Freezing by Simple Method Using Deep Freezing. RESEARCH JOURNAL OF LIFE SCIENCE 4(3) https://rjls.ub.ac.id/index.php/rjls/article/view/162 12. Ciptadi, G., Ihsan, M.N., Nurgiartiningsih, V.M.A., Ardyah, I.P. and Mudawamah, M. (2017). Short Communication: The normal karyotyping result of Indonesian native breed bull qualified for artificial insemination. BIODIVERSITAS 18 (4): 1462- 1467 DOI:10.13057/biodiv/d180423 https://doi.org/10.13057/biodiv/d180422 13. Ciptadi, G., Ihsan, M.N., Rahayu, S., Wahjuningsih, S., Munazaroh, A.M. (2018). Post Thawing Sperm Quality and Ca+ 2 Intensity Characters of Local Goat Sperm After Freezing by Simple Method Using Deep Freezing. Research Journal of Life Science 4 (3), 179- 183. https://rjls.ub.ac.id/index.php/rjls/article/view/162/0 14. Ciptadi, G., Rahayu, S., Wahyuningsih, S., Budiarto, A., Nasich, M. |
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| | <p>and Putri, A.R.I. (2018). The Different Calcium+ 2 Intensity Profile and Quality of Oocyte and Goat Sperms after Cryopreservation, IOP Conference Series: Earth and Environmental Science 119 (1), 012036 https://iopscience.iop.org/article/10.1088/1755-1315/119/1/012036/pdf</p> <p>15. Ciptadi, G., Ihsan, M.N., Budiarto, A., Mudawamah, M., Putri, A.I. and Naufal, M.N.A. (2019) Reproductive characters of senduro goat at Lumajang District East Java.. Journal of Physics: Conference Series 1146 (1), 012033 https://www.researchgate.net/publication/330216656_Reproductive_characters_of_senduro_goat_at_lumajang_district_east_java</p> <p>16. Mudawamah, M., Ratnaningtyas, I.D., Fadli, M.Z. and Ciptadi, G. (2019). Individual mutations in Indonesian local ettawah goats based on the GDF9 gene Journal of Physics: Conference Series 1146 (1), 012023 https://www.researchgate.net/publication/330207240_Individual_mutations_in_Indonesian_local_ettawah_goats_based_on_the_GDF9_gene</p> <p>17. Rahayu, S., Prasdini, W.A., Djati, M.S., Prasetyawan, S. and Ciptadi, G. (2019). Malondialdehyde (MDA) level and protein profile of serum after calving towards the provision of selenium-vitamin E tm on dairy cow frisian holstein (FH). Journal of Physics: Conference Series 1146 (1), 012026 https://iopscience.iop.org/article/10.1088/1742-6596/1146/1/012026/pdf</p> |
| Scientific activities | <p>Sri Wahyuningsih, Muhammad Nur Ihsan, Gatot Ciptadi and Helly N Karima. (2018). In vitro Fertilisation of Cryopreserved goat oocytes in different Cryoprotectants. 5th International Conference on Advance Molecular Bioscience and Biomedical Engineering (ICAMBBE) 2018</p> |

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|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name | Prof.Dr. Ir. HARTUTIK, MP., IPU., ASEAN Eng |
| Position | Professor of Animal Nutrition and Feed Technology |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1982 Doctorate (Ruminant Nutrition) Gadjah Mada University 2000 Master's Degree (Ruminant Nutrition) Gadjah Mada University 1993 Undergraduate degree (Animal Science) Universitas Brawijaya 1981 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Complete feed for ruminants based on non-conventional local forage ingredients (2016). Lembaga Penelitian dan Pengembangan Kepada Masyarakat Universitas Brawijaya Malang Tahun 2016. Grant: - million IDR 2. The Effect of Giving Odot Grass (<i>Pennisetum purpureum</i> CV. Mott) on Dairy Cattle Productivity (2016), Fakultas Peternakan Universitas Brawijaya, Malang Tahun 2016. Grant: - million IDR 3. Evaluation of the Nutritional Value of Using Lactic Acid Bacteria as Inoculants in Making Corn Silage (2020), Fakultas Peternakan Universitas Brawijaya Tahun 2020. Grant: 100 million IDR 4. Evaluation of Ruminant Feed Based on Corn Silage with Different Energy and Protein Balances In Vitro (2020), Faculty of Animal Science, Universitas Brawijaya. Grant : 100 million IDR |
| Industry collaborations over the last 5 years | - |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Food Quality Analysis Method 2. Forage Preservation Technology 3. Animal Feed Material Processing Technology 4. Feed Quality Analysis Method 5. Forage Preservation Technology 6. Practical Handbook of Ruminant Nutrition 7. Practical Manual of Science and Technology of Animal Feed Material Processing 8. Practical Manual of Basic Animal Nutrition and Animal Feed Ingredients 9. Practical Handbook Livestock Feed Industry |
| Important publications over the last 5 years | Selected recent publications from a total of approx. (44): <ol style="list-style-type: none"> 1. Lawa, E.D.W., Marjuki, Hartutik and Chuzaemi, S. (2017). Effect of White Kabesak (<i>Acacia leucophloea</i> Roxb) Leaves Level in the diet on Feed Intake and Body Weight Gain of Kacang Goat. Journal of The Indonesian Tropical Animal Agriculture 42(4), Pp. 255-262 https://www.neliti.com/publications/222806/effect-of-white-kabesak-acacia-leucophloea-roxb-leaves-level-in-the-diet-on-feed 2. Natsir, M.H., Hartutik, Sjojfan, O., Widodo, E. and Widyastuti, E.S. (2017). Use of Acidifiers and Herb-Acidifier Combinations with Encapsulated and Non-Encapsulated Intestinal Microflora, Intestinal Histological and Serum Characteristics in Broiler, AIP |

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| | <p>Conference Proceedings 1844, 020012 https://aip.scitation.org/doi/10.1063/1.4983423</p> <p>3. Lawa, E.D.W., Chuzaemi, S., Hartutik and Marjuki. (2020). White Kabesak (<i>Acacia leucophloea</i> RoxB) Leaves Utilization in Concentrate on Fermentation Products and In Vitro Gas Production, Journal of Tropical Life Science 10(3) pp 235-241. https://jtrolis.ub.ac.id/index.php/jtrolis/article/view/1381</p> |
| Scientific activities | <p>Hartutik, Sudarwati, H., Putri, F.A. and Oktadela, G.A. (2019). The Effect of EM-4 on Sugarcane Top Silage (<i>Saccharum officinarum</i>. Linn) on Nutritive Value and In Vitro Nutrients Digestibility. Seminar 4th APIS 24-27 Oktober 2019. Malang, Indonesia</p> |

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| Name | Prof. Dr. Ir. LILIK EKA RADIATI, MS., IPU |
| Position | Professor of Animal Product Technology |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1986 Doctorate degree (Food Science) IPB University 2002 Master degree ((Food Science) IPB University 1992 Undergraduate degree (Animal Science) Universitas Brawijaya 1984 |
| Research and development projects over the last 5 years | 1. Purification and Anti-Obesity Identification of Milk Kefir Peptides on Cholesterol Lipid Content and 3T3-L1 Adipocyte Lipase Activity (2020). Partner: PNBP Faculty of Animal Science, Universitas Brawijaya. Granted:100 million IDR 2. Identification and Characterization Traditional Food: Livestock Products Spread in East Java (2020). Partner: PNBP Faculty of Animal Science, Universitas Brawijaya. Granted: 100 million IDR |
| Industry collaborations over the last 5 years | - |
| Patents and proprietary rights | Patents: 1. Probiotic Ice Cream Making Process, 2014 ID: P00201405569 2. Process of Making Propolic Cheese Coaters, 2014, ID: P00201405578 3. Growth Detection of Microorganism Using Acrylic Slabs as A Growth Media, 2015, ID: P00201505578 Proprietary rights: 1. Handling of Animal Product, 2019 (ID: EC00201945903) 2. Basic Microbiology of Animal Products, 2020 (ID: EC00202008421) |
| Important publications over the last 5 years | 1. Radiati, L.E. , Umam, A. K., Susilo, A. and Thoifi, A.A. (2020). Effect of <i>Lactobacillus plantarum</i> Concentration Level on Physicochemical Properties of Fermented Goat Meat Dendeng. IOP Conference Series: Earth and Environmental Science 478(1), 012038. https://www.researchgate.net/publication/341978724_Effect_of_Lactobacillus_plantarum_Concentration_Level_on_Physicochemical_Properties_of_Fermented_Goat_Meat_Dendeng 2. Widati, A.S., Rosyidi, D., Radiati, L.E. and Nursyam, H. (2021). The Effect of Seaweed (<i>Eucheuma cottonii</i>) Flour Addition on Physicochemical and Sensory Characteristics of an Indonesian-Style Beef Meatball. International Journal of Food Studies 10, pp. S1111–S1120. https://www.iseki-food-ejournal.com/ojs/index.php/e-journal/article/view/819 3. Qosimah, D., Rosyidi, D., Radiati, L.E. , Permata, F.S., Anisa, A.K. Green Coffea robusta (<i>Coffea canephora</i>) from Lampung Province effect toward free radicals in chickens infected with Salmonella enteritidis bacteria. Open Veterinary Journal |

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| | <p>link is disabled, 2021, 11(1), pp. 61–69. https://pubmed.ncbi.nlm.nih.gov/33898285/</p> <p>4. Komansilan, S., Rosyidi, D., Radiati, L.E., Purwadi, P., Evanuarini, H. The physicochemical characteristics and protein profile of cottage cheese produced by using crude bromelain enzyme extracted from ananas comosus. <i>Current Research in Nutrition and Food Science</i> this link is disabled, 2021, 9(2), pp. 578–587. https://www.foodandnutritionjournal.org/volume9number2/the-physicochemical-characteristics-and-protein-profile-of-cottage-cheese-produced-by-using-crude-bromelain-enzyme-extracted-from-ananas-comosus/</p> <p>5. Krisnaningsih, A.T.N., Rosyidi, D., Radiati, L.E., Purwadi, P., Hadiani, D.P.P. and Wae, R.L. (2021). The effect of different storage times at 5°C on the quality of yogurt with the addition of local taro starch (<i>Colocasia esculenta</i>) as stabilizer. <i>Journal of Physics: Conference Series</i> 1869(1), 012005. https://iopscience.iop.org/article/10.1088/1742-6596/1869/1/012005/meta</p> <p>6. Sakul, S.E., Rosyidi, D., Radiati, L.E., Purwadi and Evanuarini, H. (2021). Effect of <i>Pleurotus ostreatus</i> aqueous extract on physicochemical properties, protein profile and total lactic acid bacteria of yogurt fortified with <i>Lactobacillus acidophilus</i>. <i>Journal of Microbiology, Biotechnology and Food Science</i> this link is disabled 10(6), pp. 1–4. https://www.semanticscholar.org/paper/EFFECT-OF-Pleurotus-ostreatus-AQUEOUS-EXTRACT-ON-OF-Rosyidi/f542bbf2a0657ae9835f14373b95de342e44a7a1</p> <p>7. Saputro, E., Radiati, L.E., Warsito and Rosyidi, D. (2021) The impact of Covid-19 on the slaughtering number of sacrificial animals in East Java, Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> 807(2), 022006. https://iopscience.iop.org/article/10.1088/1755-1315/807/2/022006</p> <p>8. Tharukliling, S., Radiati, L.E., Thohari, I. and Susilo, A. (2021). Colour and chemical characteristics of patty burger added with red fruit paste (<i>Pandanus conoideus</i> Lamk). <i>IOP Conference Series: Earth and Environmental Science</i> 788(1), 012075. https://iopscience.iop.org/article/10.1088/1755-1315/788/1/012075/meta</p> <p>9. Masyithoh, D., Hartono, B., Fanani, Z., Radiati, L.E., Febrianto, N. Identification of socioeconomic profile of Kembang Joyo Honey consumers in Batu City. <i>IOP Conference Series: Earth and Environmental Science</i> this link is disabled, 2021, 788(1), 012217. https://iopscience.iop.org/article/10.1088/1755-1315/788/1/012217/meta</p> |
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| Scientific activites | <ul style="list-style-type: none">- Effect Ozonation on the Physicochemical and Penicillin-G Residues in Dairy Milk. ICESAI 2020- ndonesian Food Culture, Goat Satay: Nutritional Profile and Precursor Compounds of Heterocyclic Aromatic Amine (HAA) Carcinogens. 2020 |
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| Name | Prof.Dr. Ir. MOCHAMMAD JUNUS, MS |
| Position | Professor of Animal Production |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1981 Doctorate (Animal Science) Universitas Brawijaya 2006 Undergraduate degree (Animal Science) Universitas Brawijaya 1980 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Utilization of livestock and plant waste for the production of mushrooms, worms and organic fertilizers (2016) 2. Appearance of pollen at various altitudes in East Java (2017) 3. Cultivation of army fly larvae as animal feed ingredients at the Tambak Rejo Bojonegoro People's Livestock Center (2017) |
| Industry collaborations over the last 5 years | - |
| Patents and proprietary rights | - Produksi Lebah Madu |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Moningkey, S., Junus, M., Sjojfan, O., Widodo, E. (2019). Nutritive value evaluation on rumen content and sludge fermented with Cellulomonas sp. as rabbit feed. International Journal of ChemTech Researchthis. 9(4), pp. 650–656. https://www.researchgate.net/publication/303789827_Nutritive_value_evaluation_on_rumen_content_and_sludge_fermented_with_Cellulomonas_sp_as_rabbit_feed 2. Junus, M. (2019). The economic potential of honeycomb from wild bees. Bulgarian Journal of Agricultural Sciencethis. 25(4), pp. 762–767. https://www.agrojournal.org/25/04-22.html 3. Junus, M. (2019). The influence of queen bee age, the number of brood combs, and the use of a queen excluder on comb brood size in Apis mellifera bees during the blossom season. Bulgarian Journal of Agricultural Sciencethis. 25(6), pp. 1271–1276. https://www.cabdirect.org/cabdirect/abstract/20203350826 4. Junus, M., Tiffany, M., Rizal, F. (2020). Adsorbents Abilities to Purify Animal Manure Biogas into Biomethane. IOP Conference Series: Earth and Environmental Sciencethis. 478(1), 012045. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012045 |

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| | <p>5. Junus, M., Novianti, I. (2020) Accelerating animal husbandry development through a biogas unit EurAsian Journal of BioScience. 14 (2), 7705-7711 https://www.proquest.com/openview/6c90e3aac2b8cae746b5dc6afe0e581/1?pg-origsite=gscholar&cbl=2042720</p> |
| <p>Scientific activities</p> | <ol style="list-style-type: none"> 1. The Potential Of Honeycomb From Wild Bee. The International Conference On Bioscience 2016 Advancing Biodiversity For Sustainable Food Security July 26-27, 2016 2. The Effect Of Dairy Cattle Biogas Unit Sludge On The Nutrient Of Rice Straw Compost. Ma Chung International Conference On Chromatography (MIC-Chroma) Event. Ijen Suites Resort And Convention, Malang, Indonesia To Be Held On 9-11 October 2017 3. The Role Of Livestock Biogas Unit And Honey Bee As Greenhouse Gas Reductor. 14th Asian Apiculture Association (AAA) Conference 22-25 October 2018. 4. Effect Of Kidney Bean Tempe Flour (Phaseolus Vulgaris L) On Apis Mellifera Production And Performance. 14th Asian Apiculture Association (AAA) Conference. Jakarta, Indonesia 22-25 October 2018 |

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| Name | Prof.Dr. Ir. SITI CHUZAEMI, MS., IPU., ASEAN Eng. |
| Position | Professor of Animal Nutrition and Feed Technology |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1980 Doctorate (Nutrition and Animal Feed) Gadjah Mada University 1994 Master's Degree (Nutrition and Animal Feed) Gadjah Mada University 1986 Undergraduate degree (Animal Science) Gadjah Mada University 1978 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Evaluation of complete feed based on agricultural waste with the addition of various legumes (2016). BOPTN Fapet UB Tahun 2016. Grant: - million IDR 2. Increasing the Usability of Agricultural and Plantation Waste as a Complete Feed Base for Ruminants (2017), BOPTN Fapet UB Tahun 2017. Grant: - million IDR 3. Increasing the Usability of rice straw as a complete feed ingredient through a fermentation process using Biofarm and EM4 for Ruminants (2018), BOPTN Fapet UB Tahun 2018. Grant: - million IDR 4. The Effect of Supplementation of Myristic Acid and Tannin Condens on Corn Straw Based Complete Feed on Characteristics of Fermentation, Defaunation and Production of Methane Gas in the Rumen. (2019), Hibah Guru Besar – Fapet UB Tahun 2019. Grant: 100 million IDR 5. The Effect of Myristic Acid Supplementation and Potassium Flour as a Source of Tannin Condens in Corn Straw-Based Complete Feed on Fermentation and Defaunation Characteristics in the Rumen (2020), Hibah Penelitian Guru Besar Tahun 2020. Grant : 100 million IDR |
| Industry collaborations over the last 5 years | - |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Basic Practicum Guide Module Animal Nutrition For Animal Feed 2. Practical Guidance Module for Equipment and Lab Analysis Techniques 3. Basic Animal Nutrition Science Book 4. Feed Industry Practicum Guide Module 5. Manual Module for Science Practicum and Feed Material Processing 6. Ruminant Nutritional Physiology 7. Male Nut Goat Reproduction |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Djunu,S.S ,Chuzaemi,S., Djunaidi, I.H., Natsir, M.H.(2020).Nutritional Value Evaluation of Goroho Banana Skin (Musa acuminata, sp) As Animal Feed by Fermentation With Rhizopus oligosporus and Trichoderma viridae. International journal of Agricultural and Biological Sciences, Vol -, No -, pp. 7-14 http://www.ijoabs.com/publications-of-ijoabs/article/337/ 2. M.Tahir.,S.Chuzaemi.,E.Widodo.,H.Hafsah. (2020).Chemical |

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| | <p>Compound and Antioxidant Content of Cloves Leaves Essential Oil, Agroland And The Agricultural Sciences) Jurnal, Vol. 7, No. 1 , pp. 37-44 http://jurnal.faperta.untad.ac.id/index.php/agroland/article/view/459</p> <p>3. E.D Wie Lawa., S.Chuzaemi.,H.hartutik.,M.Marjuki.(2020). White kabesak (<i>Acasia leucophloea RoxB</i>) leaves Utilization Concentrate on Fermentation Product and In Vitro Gas Production. Journal of Tropical Live Science. Vol. 10, No.3. pp. 235-241 https://jtrolis.ub.ac.id/index.php/jtrolis/article/view/1381</p> <p>4. M.Muchlas.,S.Chuzaemi.,Mashudi. (2020). Evaluation of Nutrient Content and In Vitro Gas Production of Complete Feed Based on Corn Straver (<i>Zea mays</i>) Supplemented by Mimosa Powder and Myristic Acid , Jurnal Of Livestock and Animal Research, Vol. 18, No. 2 (2020), pp 191-199 https://jurnal.uns.ac.id/lar/article/view/42998</p> |
| Scientific activites | <p>1. Effect of Pollard and Soybean Meal Protected with Condensed Tannin (CT) in Concentrate in In Vitro Gas Production 4th APIS 2019. 24-27 oktober 2019. Malang, Indonesia</p> <p>2. Evaluation of Chemical Composition in Complete Feed Diets Supplemented By Kaliandra Leaf (<i>Calliandra calothyrsus</i>) Meal and Myristic Acis. The International Conference On Enviromentallly Sustainable animal Industry (ICESAI) 2020. Faculty of Animal Science Brawijaya University, 18-19 November 2020</p> <p>3. Assistance and Developed of Urea Molesses Medicated Block UMMB). The International Conference On Enviromentallly Sustainable animal Industry (ICESAI) 2020. Faculty of Animal Science Brawijaya University, 18-19 November 2020</p> <p>4. Water Requirements in Hydroponic and Aquaphonic Maize Green Production. The International Conference On Enviromentallly Sustainable animal Industry (ICESAI) 2020. Faculty of Animal Science Brawijaya University, 18-19 November 2020</p> <p>5. Quality and Fermented Dadap (<i>Erythrina varigata Linn</i>) Leaves with Pleurotus ostreatus Fungus as An Alternative Feed Monogastric Livestock. The International Conference On Enviromentallly Sustainable animal Industry (ICESAI) 2020. Faculty of Animal Science Brawijaya University, 18-19 November 2020</p> <p>6. Effect of Supplementing Condenced Tannin Sources In Concentrate On Ration Quality and Growth Of Sheep Fed Elephan Grass (<i>Pennisetum purpureum</i>). The 11th International Science Conference, 2019. ZOOTEKNI FEDERATION, CAPADOCIA TURKEY, 20-22 Oktober, 2019</p> |

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| Name | Prof.Dr. Ir. TRINIL SUSILAWATI, MS., IPU., ASEAN Eng |
| Position | Professor of Livestock Production |
| Academic career | Undergraduate (Animal Science) Universitas Brawijaya 1981-1985 Post Graduate Universitas Airlangga 1989-1992 Doctorate Universitas Airlangga 1997-2000 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Additional role of micro nutrients to increase the success of IB using sexing semen in beef cattle. 2021 Granted : 200 Million IDR 2. the effect of feeding flushing on the intensity of heat, the success of artificial insemination and the efficiency of beef cattle business. 2021 Granted : 115 Million IDR 3. validation of the proportion of spermatozoa x and y in sexing semen using the spermatozoa head size method and PCR. 2021 Granted : 100 Million IDR 4. optimization of sexing methods and implementation in local cattle (stage 2). 2020 Granted : 100 Million IDR 5. Optimization of double-dose IB in crossbreeds of PO. 2020 Granted : 75 Million IDR 6. Study of Diversity of Growth Control Gene (Somatostatin and Leptin Genes) in Sonok Madura Cattle. 2020 Granted : 50 Million IDR 7. liquid semen for breeding local cattle (PO), Madura and Bali independently and sustainably. 2019 Granted : 120 Million IDR 8. optimization of sexing methods and implementation in local cattle (stage 1). 2019 Granted : 100 Million IDR 9. Application and assistance of sexing single and double doses of semen in Palang district, Kab. Tuban. 2019 Granted : 75 Million IDR 10. Application and assistance of sexing single and double doses of semen in Palang district, Kab. Tuban. 2018 Granted : 75 Million IDR 11. liquid Semen for breeding local cattle (PO), Madura and Bali independently and sustainably Featured. 2018 Granted : 110 Million IDR 12. Application and assistance of sexing Semen in Palang district, Kab. Tuban. 2017 Granted : 75 Million IDR 13. Evaluation of the display of the quality of lust before artificial insemination (ib) using frozen semen to increase the success of crossbreed cows pregnancy. 2017 Granted : 25 Million IDR 14. Liquid semen for independent and sustainable breeding of local cattle (po), Madura and Bali. 2017 Granted : 175 Million IDR 15. Supplementation of mangosteen rind extract (garcinia mangostana l.) In skim milk diluent to maintain the |

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| | <p>quality of Bali cow semen during cooling. 2016 Granted: 27 Million IDR</p> <p>16. Beef Cattle Seed Production Based on Technology Integration and Local Potential. 2015 Granted: 982 Million IDR</p> |
| Industry collaborations over the last 5 years | <p>- Consultant of PT WIDODO MAKMUR</p> <p>-National Reviewer</p> |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. The semen thinner formula uses egg white (Trinil S.; Nurul Isnaini; Aulia PAY.; Aswah Ridhowi; Dr. Ir. Herni Sudarwati, MS) 2. Percoll density gradient centrifugation method for sexing spermatozoa (Trinil S.; Nurul Isnaini; Enike Dwi K.; Aulia PAY.; Kuswati; Aswah Ridhowi; Herni Sudarwati) 3. Sexing spermatozoa using the sedimentation method with egg white (Trinil S.; Nurul Isnaini; Enike Dwi K.; Aulia PAY.; Kuswati; Aswah Ridhowi; Herni Sudarwati) 4. semen thinning formula with RTA-R (Trinil S.; Nurul Isnaini,; Aulia PAY.; Aswah Ridhowi; Herni Sudarwati) 5. The Process of Making In Vitro Oocyte Maturation Media With The Addition Of Goat Follicle Liquid and Its Products (Sri Wah Junengsih and Nurul Isnaini) (Granted) 6. Composition of Fresh semen Diluent (Nurul Isnaini) (Granted) 7. GNRH Various Parts of Friesian Holstein Cattle Brain Tissue Extract in the Follicular Phase and Their Use (Nurul Isnaini) 8. PROCESS OF MAKING LIQUID semen DRILLER (Trinil Susilawati, Nolasco Da Costa, Nurul Isnaini, Muhammad Nur Ihsan) (Granted) |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Rahadi, S., Kusumawati, E.D., Kuswati,, ...Susilawati, T., Nurgiartiningsih, V.M.A.(2020). Characterization and typology of goat production systems in West Muna Regency, Southeast Sulawesi, Indonesia. IOP Conference Series: Earth and Environmental Sciencethis 465(1), 012057 https://iopscience.iop.org/article/10.1088/1755-1315/465/1/012057/pdf 2. Rachmawati, A., Ismaya,, Widyobroto, B.P., Bintara, S., Susilawati, T.(2020). Effect of Different Bovine Serum Albumin (BSA) Levels on the Sperm Viability of Ongole Cross Bred Bull during 5°C Storage. IOP Conference Series: Earth and Environmental Sciencethis. 478(1), 012068 https://www.researchgate.net/publication/341979286_Effect_of_Different_Bovine_Serum_Albumin_BSA_Levels_on_the_Sperm_Viability_of_Ongole_Cross_Bred |

Bull during 5C Storage

4. Yekti, A.P.A., Cahyo, W.D., Wahjuningsih, S., ...Huda, A.N., **Susilawati, T.** (2020). The Decreasing of Quality Liquid Semen Using Four Months Storages of Tris Aminomethan and CEP-3 Diluents. IOP Conference Series: Earth and Environmental Science. 478(1), 012079 <https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012079>
5. **Susilawati, T.**, Isnaini, N., Kuswati,, ...Huda, A.N., Yekti, A.P.A. (2020). The Pregnancy Evaluation on Ongole Crossbred Cows by using Liquid Semen and Frozen Semen. IOP Conference Series: Earth and Environmental Science. 478(1), 012015 https://www.researchgate.net/publication/341979444_The_Pregnancy_Evaluation_on_Ongole_Crossbred_Cows_by_using_Liquid_Semen_and_Frozen_Semen
6. Luthfi, M., **Susilawati, T.**, Isnaini, N. (2020). Puberty response of Ongole crossbred bulls raised on different sex groups and stall models. Indian Journal of Animal Research. 54(10), pp. 1214–1217 https://www.researchgate.net/publication/300423485_Puberty_response_of_Ongole_crossbred_bulls_raised_on_different_sex_groups_and_stall_models
7. Iswati,, Natsir, M.H., Ciptadi, G., **Susilawati, T.** (2021). Exogenous progesterone for offspring sex ratio manipulation in arabic chickens (Gallus turcicus) leading to increasing female chicks proportion. American Journal of Animal and Veterinary Sciences. 16(1), pp. 48–55 <https://thescipub.com/abstract/10.3844/ajavsp.2021.48.55>
8. Iswati,, Natsir, M.H., Ciptadi, G., **Susilawati, T.** (2021). Egg Production, Fertility, Hatchability and Luteinizing Hormone Profile of Progesterone Hormone Injected to Arabic Gold Chicken (Gallus turcicus). Journal of World's Poultry Research. 11(1), pp. 73–82 [https://jwpr.science-line.com/attachments/article/57/JWPR%2011\(1\)%2073-82,%202021.pdf](https://jwpr.science-line.com/attachments/article/57/JWPR%2011(1)%2073-82,%202021.pdf)
9. Tethool, A.N., Ciptadi, G., Wahjuningsih, S., ...Sawitri, W., **Susilawati, T.**(2021). The influence of individual factors on the characteristics and production of frozen semen of bali cattle. Journal of Advanced Veterinary Research. 11(3), pp. 162–166 <https://advetresearch.com/index.php/AVR/article/view/732>
10. Rachmawati, A., Ismaya,, Widyobroto, B.P., Bintara, S., **Susilawati, T.** (2021). Addition of bovine serum albumin (BSA) in cauda epididymal plasma-2 (CEP-2) extender to Ongole grade bull sperm motility and membrane integrity during the freezing process. IOP

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| | <p>Conference Series: Earth and Environmental Science. 788(1), 012132 https://iopscience.iop.org/article/10.1088/1755-1315/788/1/012132/pdf</p> <p>11. Kuswati,, Furqon, A., Septian, W.A., Suyadi, S., Susilawati, T. (2021). A Single Nucleotide Polymorphism (SNP) c.20G>A in somatostatin gene (SST BsrT) on Madura cattle. IOP Conference Series: Earth and Environmental Science. 788(1), 012023 https://iopscience.iop.org/article/10.1088/1755-1315/788/1/012023</p> |
| Scientific activities | <ol style="list-style-type: none"> 1. Conception rate of artificial insemination using liquid semen with different diluent in Ongole crossbred cow 4th APIS 2019. 24-27 oktober 2019. Malang, Indonesia 2. Evaluation of Frozen Sexed Semen Artificial Insemination Technology Adoption in Palang Village, Tuban Regency, East Java R. Prafitri*, P. S. Winarto, A. P. A. Yekti, T. Susilawati, and K. Kuswati. The International Conference on Environmentally Sustainable Animal Industry (ICESAI) 2020. 18-19 November 2020 Faculty of Animal Science Universitas Brawijaya 3. The Successful of Artificial Insemination Sexed Semen on Different Body Condition Score of Ongole Crossbred T. Susilawati 1 , M. K. U. A. Gunawan 2 , R. Prafitri1 , and A. P. A. Yekti 1. The International Conference on Environmentally Sustainable Animal Industry (ICESAI) 2020. 18-19 November 2020 Faculty of Animal Science Universitas Brawijaya 4. The pregnancy Evaluation on Ongole CrossBred Cows By Using Liquid Semen and Frozen semen . The 4th Animal Production International Seminar. IOP Conf. Series Earth and Environmental Science. 478, 2020 DOI 10.1088/1755-1315/478/1/012079 5. Effect of Different Bovine Serum Albumin (BSA) Levels on The Sperm Viability of Ongole Cross Bred Bull during 5°C Storage. The 4th Animal Production International Seminar. IOP Conf. Series Earth and Environmental Science. 478, 2020 DOI 10.1088/1755-1315/478/1/012079 6. The Decreasing of Quality Liquid Semen Using Four Months Storages of Tris Aminomethan and CEP-3 Diluents. Yekti,A.P.A, W.D Cahyo, S. Wahyuningsih, Kuswati, A.N. Huda and T. Susilawati. The 4th Animal Production International Seminar. IOP Conf. Series Earth and Environmental Science. 478.2020.DOI 10.1088/1755-1315/478/1/012079 |

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| Name | Prof.Dr. Ir. VERONICA MARGARETA ANI NURGIARTININGSIH, M.Sc. |
| Position | Professor of Animal Genetics |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1990 Doctorate (Animal Science) Martin Luther University, Germany 2003 Undergraduate degree (Animal Science) Gajah Mada University 1988 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Genetic Improvement of madura cattle through recording and performance testing at UPT Madura and the Village Breeding (part 1) Hibah Guru Besar. Grant: 100 million (2019) 2. Genetic Improvement of madura cattle through recording and performance testing at UPT Madura and the Village Breeding (part 2) Hibah Guru Besar. Grant: 100 million (2020) 3. Perencanaan Program Pemuliaan Sapi Madura di BPTU-HPT Pelaihari (2017) |
| Industry collaborations over the last 5 years | <ul style="list-style-type: none"> - Consultant of Animal Breeding Directorate, Directorate General of Livestock and Animal Health, Ministry of Agriculture - Member of ERASMUS Project - Consultant of Madura Cattle Breeding in Pelaihari Breeding Centre |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Pengantar Parameter Genetik pada Ternak (Book) 2. Statistika dan Rancangan Percobaan Penerapan dalam Bidang Peternakan (Book) 3. Manajemen Pemuliaan Ternak (Book) 4. Simultane schaeztung der Genetischen Parameter fuer Merkmale der Legehuhn in Einzel- und Gruppenkaefigen (Book) |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Nurgiartiningsih, V.M.A. , Mielenz, N., Preisinger, R., Schmutz, M., Schüler, L. (2008). Correcting group cage records for mortality to utilize more information in predicting breeding values for egg production. Archiv fur Geflugelkundethis. 72(2), pp. 68–74. https://www.european-poultry-science.com/Correcting-group-cage-records-for-mortality-to-utilize-more-information-in-predicting-breeding-values-for-egg-production,QUIEPTQyMTgzMzEmTUIEPT2MTAxNA.html 2. Ciptadi, G., Nasich, M., Nuryadi, A.B., Nurgiartiningsih, V.M.A. (2020). The estrus synchronization response following PGF 2α treatment in indonesian madura cattle with different body condition scores. Pakistan Veterinary Journalthis. 32(4), pp. 624–626. https://www.researchgate.net/publication/339769939 |

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| | <p style="text-align: center;"><u>The Estrus Synchronization Response Following PG F 2 a Treatment in Indonesian Madura Cattle with Different Body Condition Scores</u></p> <ol style="list-style-type: none"> 3. Ashari, M., Busono, W., Nuryadi,, Nurgiartiningsih, V.M.A. (2012). Analysis of chromosome and karyotype in Bali cattle and Simmental-Bali (Simbal) crossbreed cattle. <i>Pakistan Journal of Biological Sciences</i> 15(15), pp. 736–741. <u>https://scialert.net/abstract/?doi=pjbs.2012.736.741</u> 4. Muharlieni,, Sjoftan, O., Ani Nurgiartiningsih, V.M., . (2016). Effect of papaya leaves in feed on the immunity of silver and gold Arab laying-hens. <i>International Journal of Poultry Science</i>. 15(7), pp. 254–258. <u>https://scialert.net/abstract/?doi=ijps.2016.254.258</u> 5. Ciptadi, G., Ihsan, M.N., Ani Nurgiartiningsih, V.M., Ardyah, I.P., Mudawamah, M. (2017). The normal karyotyping result of Indonesian native breed bull qualified for artificial insemination. <i>Biodiversitas</i>. 18(4), pp. 1462–1467. <u>https://smujo.id/biodiv/article/view/2099</u> 6. Ciptadi, G., Mudawamah, M., Nurgiartiningsih, V.M.A., ...Hakim, L., Budiarto, A. (2018). Reproduction performance and phenogram analysis of local swamp buffalo in East Java with a case of inbreeding based on phenotypic and DNA-RAPD characteristics. <i>AIP Conference Proceedings</i>. 2021, 070009. <u>https://aip.scitation.org/doi/abs/10.1063/1.5062807</u> 7. Susanto, A., Suyadi,, Margareta Ani Nurgiartiningsih, V., Hakim, L. (2018). (Co)variance components and genetics parameter estimation for linear traits in Holstein cattle in Indonesia: Traits related to foot/leg and udder. <i>Archives Animal Breeding</i> 61(4), pp. 491–496. <u>https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7065408/</u> 8. Susanto, A., Hakim, L., Suyadi, S., Nurgiartiningsih, V.M.A. (2019). Environment (Year and Season of Birth) Effects on First-Lactation Milk Yield of Dairy Cows. <i>IOP Conference Series: Earth and Environmental Science</i>. 372(1), 012010. <u>https://iopscience.iop.org/article/10.1088/1755-1315/372/1/012010</u> 9. Rahadi, S., Kusumawati, E.D., Kuswati, Susilawati, T., Nurgiartiningsih, V.M.A. (2020). Characterization and typology of goat production systems in West Muna Regency, Southeast Sulawesi, Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i>. 465(1), 012057. <u>https://iopscience.iop.org/article/10.1088/1755-</u> |
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| | <p>1315/465/1/012057/pdf</p> <p>10. Nurgiartiningsih, V.M.A., Furqon, A., Rochadi, I., ...Muslim, A., Waqid, M.. (2020). Evaluation of Birth Weight and Body Measurements of Madura Cattle based on Year of Birth and Breeding System in Madura Breeding Centre, Indonesia. IOP Conference Series: Earth and Environmental Science, 478(1), 012090. https://www.researchgate.net/publication/341978820 <u>Evaluation of Birth Weight and Body Measurements of Madura Cattle based on Year of Birth and Breeding System in Madura Breeding Centre Indonesia</u></p> |
| Scientific activities | <ol style="list-style-type: none"> 1. Genetic evaluation of body weight and body measurements at weaning age in Madura cattle. The 2nd Animal Science and Food Technology Conference (AnSTC), 4-5 Nov 2020, Purwokerto. 2. Evaluation of Birth Weight Based on Year of Birth and Breeding System of Madura Cattle in Madura Breeding Centre, Indonesia 4th APIS 2019. 24-27 oktober 2019. Malang, Indonesia 3. Estimation of genetic parameter for body measurement in Madura cattle as local Indonesian breed. International Conference on food agriculture and animal science (ICOFAAS). 8-11 Nov 2019, Antalya Turki 4. QS APPLE 2019. 15th Annual Strategic Summit for the Advancement of University Excellence in all its Forms. 26-28 Nov 2019, Fukuoka, Japan. 5. Evaluation of Genetic Potency of Etawah Grade Goat in Goat Breeding Center, Singosari, East Java, Indonesia. 4th Asian Australian Dairy Goat Conference. 17-19 Oct 2018, Vietnam 6. Population structure and performansce of PO cattle, case study in city of Probolinggo, East Java, Indonesia. The 17th Asia Australasia Association of Animal Production Society Animal Science Congress. 22 – 25 August 2016, Japan |

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| Name | Prof.Dr. MUHAMMAD HALIM NATSIR, S.Pt., MP., IPM., ASEAN Eng. |
| Position | Professor of Animal Nutrition and Feed Technology |
| Academic career | Professor (Nutrition and Animal Feed) Universitas Brawijaya 2021 Lecturer (Nutrition and Animal Feed) Universitas Brawijaya 1998 Doctorate (Animal Science) Universitas Brawijaya 2010 Master's degree (Animal Science) Gadjah Mada University 1997 Undergraduate Degree (Animal Husbandry) Universitas Brawijaya 1995 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Increasing the Potential of Flax Seeds (<i>Linum usitatissimum</i>) Through Processing Technology as Feed Ingredients and Source of Omega-3-6 Broilers. 2021. Granted: IDR 125 million 2. INNOVATION OF CROSS CHICKEN FEED PRODUCTION THROUGH NUTRIGENOMIC TECHNOLOGY IN ORDER TO INCREASE PRODUCTIVITY. 2021. Granted: IDR 100 million 3. NANO TECHNOLOGY PHOTOBIOLOGIC JAMU AND JAVA ACID ACIDIFIER AS FEED ADDITIVES ON PRODUCTION PERFORMANCE AND LOW MEAT HYBRID CHOLESTEROL. 2020. Granted: IDR 50 million 4. Application of Nano and Nano Encapsulation Technology in Leilem Leaves (<i>Clerodendrum Minhasae</i> L) And Avocado Seeds (<i>Persea Americana</i> Mill) As Natural Feed Additives for Poultry. 2020. Granted: IDR 100 million 5. Innovation Utilization of Natural Growth Promoter With Encapsulation Technology and Magnetic Water Technology in Poultry Year 2. 2020. Granted: IDR 143 million 6. Mushroom Processing Technology as Natural Feed Additive to Replace Antibiotic Growth Promoter in Poultry Year 2. 2020. Granted: IDR 50 million 7. The use of Tritan as an Additive in Feed on the Appearance of Broiler Production. 2020. Granted: IDR 33 million 8. Nano Technology Innovation and Re-Binding Banana Hump Flour as a Local Feed Substitute for Corn in Broiler Duck Feed 2020. Granted: IDR 150 million 9. Use of Palm Kernel Oil and Enzyme Technology as Substitutes for Corn in Duck Feed. 2020. Granted: IDR 50 million 10. Utilization of Natural Acibiotics (Acidifier, Phytobiotic, Probiotic) as Inhibitory Power of Pathogenic Microorganisms in the Poultry Digestive Tract. 2020. Granted: IDR 30 million |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Formulation and Production Process of Feed Additive Containing Grass Jelly Leaves 2. Animal Feed Industry 3. Processing of Tamarind (<i>Tamarindus Indica</i> L) as Local Feed for Broilers 4. Basic Animal Nutrition Science |

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| <p>Important publications over the last 5 years</p> | <ol style="list-style-type: none"> 1. Supartini, N., Isnaini, N., Natsir, M.H., Ihsan, M.N. (2020). Effect of Mung Bean Sprout and Acidifier Supplementation on Fertility, Survival Rate, and Egg Weight of Native Chicken. IOP Conference Series: Earth and Environmental Science, 478(1), 012070. https://www.researchgate.net/publication/341978815_Effect_of_Mung_Bean_Sprout_and_Acidifier_Supplementation_on_Fertility_Survival_Rate_and_Egg_Weight_of_Native_Chicken 2. Djunaidi, I.H., Natsir, M.H., Nuningtyas, Y.F., Yusrifar, M. (2020). The Effectiveness of Biacid (Organic Acid and Essential Oil) as Substitute for Antibiotics on Ileal Characteristics of Broilers. IOP Conference Series: Earth and Environmental Science, 478(1), 012073. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012073 3. Widodo, E., Natsir, M.H., Djunaidi, I.H. Effect of Several AGP Replacers on Digestibilities of Amino Acid in Mojosari Duck. IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012041. https://www.researchgate.net/publication/341979415_Effect_of_Several_AGP_Replacers_on_Digestibilities_of_Amino_Acid_in_Mojosari_Duck 4. Iswati,, Natsir, M.H., Ciptadi, G., Susilawati, T. (2021). Exogenous progesterone for offspring sex ratio manipulation in arabic chickens (<i>Gallus turcicus</i>) leading to increasing female chicks proportion. American Journal of Animal and Veterinary Sciences. 16(1), pp. 48–55. https://thescipub.com/abstract/10.3844/ajavsp.2021.48.55 5. Iswati,, Natsir, M.H., Ciptadi, G., Susilawati, T. (2021). Egg Production, Fertility, Hatchability and Luteinizing Hormone Profile of Progesterone Hormone Injected to Arabic Gold Chicken (<i>Gallus turcicus</i>). Journal of World's Poultry Research. 11(1), pp. 73–82. https://jwpr.science-line.com/attachments/article/57/JWPR%2011(1)%2073-82,%202021.pdf |
| <p>Scientific Activities</p> | <ol style="list-style-type: none"> 1. The effect of addition white oyster mushroom (<i>Pleurotus ostreatus</i>) flour in feed of laying hens performances. 24 – 27 October 2019, 4th APIS 2019, Animal Science Universitas Brawijaya 2. Developing Duck Farming System using Selfmix and Modern Management in Panggah Lancar Duck Farm, Turen, Malang. ICIT, LPPM Universitas Brawijaya (2020) 3. Effect of the encapsulation process of mixture of organic acid and phytobiotic with single and double layer on the active substance content. The 12th |

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| | <p>International Interdisciplinary Studies Seminar: Environmental Conservation and Education for Sustainable Development</p> <ol style="list-style-type: none"> 4. Effect of Substitution Corn by Palm Kernel Meal With the Addition of Different Form Enzymes on Physics and Chemical Carcass Quality of Broiler.2018. 18 th Asian Australasian Animal Production (AAP) Congress, Kuching Sarawak Malaysia 5. Effect of the encapsulation process of mixture of organic acid and phytobiotic with single and double layer on the active substance content. The 12th International Interdisciplinary Studies Seminar: Environmental Conservation and Education fo Sustainable Development. 14-15 November 2018, Malang Indonesia |
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| Name | Prof.Dr. Ir. NURUL ISNAINI, MP. |
| Position | Professor of Livestock Production |
| Academic career | Undergraduate Universitas Brawijaya 1984 - 1988 Post Graduate Gadjah Mada University 1994 - 1997 Doctorate Universitas Brawijaya 2003-2006 Professor (Livestock Production) Universitas Brawijaya 2021 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Efforts to Increase Buffalo Population and Productivity Through Artificial Insemination (Nurul Isnaini and Sri WahJunengsih).2019 Grant : 50 Million IDR 2. Dragon Fruit Skin Extract (Hylocereus polyrhizus) Supplementation in Extender for Improving Goat Semen Quality and Implementation of Artificial Insemination (Sri WahJunengsih and Nurul Isnaini). 2019 Grant: 50 Mi 3. Improvement of Goat Semen Quality through Supplementation of Moringa Leaf Extract in Extenders as Efforts to Increase the Success of IB (M Nur Ihsan, Nurul Isnaini and Sri Rahayu). 2018 Grant: 90 Mi 4. Evaluation of Cattle Feed Nutritional Value Using In Vitro Digestion Test (Case Study in Leran Kulon and Leran Wetan Villages, Palang District, Tuban Regency) (Asri Nurul Huda, Mashudi, Kuswati, Trinil Susilawati, Sri WahJunengsih, Nurul Isnaini, Aulia Puspita AY , Awang Tri Satria). 2018 Grant: 24 Mi 5. Oviduct Specific Glycoprotein Supplementation In Goat And Sheep Frozen semen To Increase The Fertility Rate And The Success Of Artificial Insemination In Goats And Sheep (Year III) (Herawati, Nurul Isnaini and Aulia). 2018 Grant : 140 Mi 6. The Influence of Season on the Quality of Semen Ongole and Simmental Cows (Case Study at the Ungaran Artificial Insemination Center) (Nurul Isnaini, Sri WahJunengsih, Erdhiansyah Adhitama). 2018 Grant: 10 Mi 7. Effect of Age and Nation on Quality of Beef Cattle Semen at the Singosari Center for Artificial Insemination (N Isnaini, S WahJunengsih, A Ma'ruf and D A Witayanto). 2018 Grant: 10 Mi 8. Supplementation of Epitheliacell Oviductin Glycoprotein in Maturation Media and In Vitro Fertilization to Increase the Success of Goat Embryo Cryopreservation (Year I) (Herawati, Nurul Isnaini and Yudit Octanella). 2017 Grant: 217,5 Mi 9. Identification of abnormal ovary TGF1 receptor expression: cases of ovary hypofunction (Nurul Isnaini, Yudit Oktanella, Herawati). 2017 Grant: 10 Mi 10. Oviduct Specific Glycoprotein Supplementation In Goat And Sheep Frozen semen To Increase The Fertility Rate And The Success Of Artificial Insemination In Goats And Sheep (Year II) (Herawati, Nurul Isnaini and Aulia). 2017 Grant: 196 Mi |

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| | <ol style="list-style-type: none"> 11. Identification of Stress Molecular Profiles and Immune Response as Stress Markers for Intracervical Artificial Insemination of Goats (PT Mitra). 2017 Grant: 75 Mi 12. Supplementation of Mangosteen (<i>Garcinia mangostana</i> L.) Rind Extract in Egg Yolk Tris Diluent to Maintain Quality of Goat Semen During Cooling and Freezing (Year II) (Nurul Isnaini and Sri WahJunengsih). 2016 Grant : 75 Mi 13. Optimization of PE Goat Sexing semen Production Using Density Gradients of Egg White Albumin and Local-Based Diluents (Year II) (PT Mitra). 2016 Grant : 70 Mi 14. Oviduct Specific Glycoprotein Supplementation In Goat And Sheep Frozen semen To Increase The Fertility Rate And The Success Of Artificial Insemination In Goats And Sheep (Year I) (Herawati, Nurul Isnaini and Aulia). 2016 Grant: 120 Mi 15. Beef Cattle Seed Production Based on Technology Integration and Local Potential (Year I) (Trinil Susilawati, Nurul Isnaini, Ani Nurgiartiningsih, Mashudi). 2016 Grant: 900 Mi 16. Supplementation of Mangosteen (<i>Garcinia mangostana</i> L.) Rind Extract in Egg Yolk Tris Diluent to Maintain Quality of Goat Semen During Cooling and Freezing (Year I) (Nurul Isnaini and Sri WahJunengsih). 2016 Grant: 81 Mi 17. Optimization of PE Goat Sexing semen Production Using Density Gradient Egg White Albumin and Local-Based Diluents (Year I) (Enike Dwi Kusumastuti, Nurul Isnaini). 2015 Grant: 70 Mi 18. Supplementation of Eggplant Bark Extract (<i>Solanum melongena</i>) as a Source of Nasunin in Egg Yolk Tris Diluent to Maintain Quality of Goat semen During Cooling (Nurul Isnaini, Trinil Susilawati, M Nur Ihsan, Sri WahJunengsih). 2015 Grant: 24 Mi |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. The semen thinner formula uses egg white (Trinil S.; Nurul Isnaini; Aulia PAY.; Aswah Ridhowi; Dr. Ir. Herni Sudarwati, MS) 2. Percoll density gradient centrifugation method for sexing spermatozoa (Trinil S.; Nurul Isnaini; Enike Dwi K.; Aulia PAY.; Kuswati; Aswah Ridhowi; Herni Sudarwati) 3. Sexing spermatozoa using the sedimentation method with egg white (Trinil S.; Nurul Isnaini; Enike Dwi K.; Aulia PAY.; Kuswati; Aswah Ridhowi; Herni Sudarwati) 4. semen thinning formula with RTA-R (Trinil S.; Nurul Isnaini,; Aulia PAY.; Aswah Ridhowi; Herni Sudarwati) 5. The Process of Making In Vitro Oocyte Maturation Media With The Addition Of Goat Follicle Liquid and Its Products (Sri Wah Junengsih and Nurul Isnaini) (Granted) 6. Composition of Fresh semen Diluent (Nurul Isnaini) (Granted) 7. GNRH Various Parts of Friesian Holstein Cattle Brain Tissue Extract in the Follicular Phase and Their Use (Nurul |

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| | <p>Isnaini)</p> <p>8. PROCESS OF MAKING LIQUID semen DRILLER (Trinil Susilawati, Nolasco Da Costa, Nurul Isnaini, Muhammad Nur Ihsan) (Granted)</p> |
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| <p>Important publications over the last 5 years</p> | <ol style="list-style-type: none"> 1. Wahjuningsih, S., Ciptadi, G., Ihsan, M.N., Isnaini, N., Rahayu, S. (2019). Supplementation of Moringa oleifera leaves' extract in Tris-egg yolk extender on the quality and fertility of cryopreserved Senduro goat sperm. <i>Livestock Research for Rural Development</i>. 31(12), 31185. http://www.lrrd.org/lrrd31/12/yunin31185.html 2. Susilawati, T., Mahfud, A., Isnaini, N., ..Satria, A.T., Kuswati. (2019). The comparison of artificial insemination success between unsexed and sexed sperm in Ongole Crossbred cattle. <i>IOP Conference Series: Earth and Environmental Science</i>. 387(1), 012010. https://iopscience.iop.org/article/10.1088/1755-1315/387/1/012010#:~:text=The%20results%20showed%20that%20unsexed,result%20compared%20to%20the%20sexed. 3. Isnaini, N., Ciptadi, G., Herwijanti, E., Walidah, N.I.P., Putra, M.W.S.N. (2020). Effects of seasons and environmental conditions on semen quality of Senduro goats reared under tropical climate. <i>Turkish Journal of Veterinary and Animal Sciences</i>. 44, pp. 594–599. https://journals.tubitak.gov.tr/veterinary/issues/vet-20-44-3/vet-44-3-15-1904-25.pdf 4. Supartini, N., Ihsan, M.N., Natsir, M.H., Isnaini, N. (2020). Production Performances of Indonesian Native Rooster (<i>Gallus gallus domesticus</i>) Supplemented with Germinated Mung Bean Sprouts and Acidifiers in the Diet. <i>Journal of World's Poultry Research</i>. 10(3), pp. 480–484. https://jwpr.science-line.com/index.php?option=com_content&view=article&id=56&Itemid=68 5. Supartini, N., Isnaini, N., Natsir, M.H., Ihsan, M.N. (2020). Effect of Mung Bean Sprout and Acidifier Supplementation on Fertility, Survival Rate, and Egg Weight of Native Chicken. <i>IOP Conference Series: Earth and Environmental Science</i>. 478(1), 012070. https://www.proquest.com/docview/2555621628 6. Isnaini, N., Harsi, T., Zamani, W.R. (2020). Age-Dependent Changes in Fresh Semen Quality of Swamp Buffalo (<i>Bubalus bubalis</i>). <i>IOP Conference Series: Earth and Environmental Sciencet</i>. 478(1), 012034. https://www.researchgate.net/publication/341979282 |
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| | <p><u>Age-Dependent Changes in Fresh Semen Quality of Swamp Buffalo Bubalus bubalis</u></p> <p>7. Susilawati, T., Isnaini, N., Kuswati,, ...Huda, A.N., Yekti, A.P.A. (2020). The Pregnancy Evaluation on Ongole Crossbred Cows by using Liquid Semen and Frozen Semen. IOP Conference Series: Earth and Environmental Science. 478(1), 012015. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012015#:~:text=Whereas%20the%20Conception%20rate%20was,to%20AI%20using%20frozen%20semen.</p> <p>8. Luthfi, M., Susilawati, T., Isnaini, N. (2020). Puberty response of Ongole crossbred bulls raised on different sex groups and stall models. Indian Journal of Animal Research. 54(10), pp. 1214–1217. https://www.researchgate.net/publication/300423485_Puberty_response_of_Ongole_crossbred_bulls_raised_on_different_sex_groups_and_stall_models</p> |
| Scientific Activities | <ol style="list-style-type: none"> 1. Individual Variation in Semen Characteristics of Murrah Buffalo (N Isnaini, T Harsi and Sandy Eka Kurnianto). 2-3 January 2020, Malang East Java Indonesia. BRAWIJAYA INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY SCIENCES AND TECHNOLOGY 2020. 2. Age-dependent changes in fresh semen quality of swamp buffalo (Bubalus bubalis) (N Isnaini, T Harsi and W R Zamani. 24 – 27 October, Malang east Java Indonesia. The 4th Animal Production International Seminar (4th APIS) 2019 3. The Effect of Fig Fruit Ectract and Time Storage on Bali (<i>Bos Sondaicus</i>) Bull Culled Sperm Motility after Cooling (Nurul Isnaini and Aulia Puspita Anugra Yekti). 6-7 March 2018 in Malang, Indonesia. The 8th Annual Basic Science International Conference “Convergence of Basic Sciences, Toward the World’s Sustainability Challengers” |

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| Name | Prof.Dr. Ir. PUGUH SURJOWARDOJO, MP. |
| Position | Associate Professor of Dairy Production |
| Academic career | Assoc. Professor Faculty of Animal Science, Universitas Brawijaya Lecturer, Faculty of Animal Science, Universitas Brawijaya, 1984 Doctorate (Animal Science), Universitas Brawijaya, 2008 Master (Animal Science), Universitas Gadjah Mada, 1993 Undergraduate degree (Animal Science), Universitas Brawijaya, 1982 |
| Patents and proprietary rights | - Ekspresi Mastitis - Mastitis Pada Sapi Perah - Aneka Ternak Perah |
| Research and development projects over the last 5 years | 1. Effects of the Implementation of the Declaration of the PE Goat Race on the Welfare of Breeders in Kandangan Village and Senduro Village, Lumajang Regency (2017) 2. DOCTOR'S GRANTS Research Identification of Immunoglobulin Profiles in Dairy Cow Colostrum at KPSP Setia Kawan Work Environment (2018) 3. Conducting Energy Corrected Milk Trend Analysis Research Based on PE Goat Agency (2018) 4. Identification of Imonoglobulin M Colostrum Dairy Cow Profile in the Work Environment of KSP Setia Kawan (2018) 5. Efforts to Use Green Betel Leaf Extract (Piper betle L) to Dip Pacifiers for the Occurrence of Mastitis in Dairy Cattle (2018) |
| Important publications over the last 5 years | 1. Krisnaningsih, A.T.N., Yulianti, D.L., Thohari, I., Surjowardojo, P. (2018). Optimization of taro (<i>Colocasia esculenta</i>) starch as a stabilizer in physico-chemical and sensory evaluation of yogurt. <i>Pakistan Journal of Nutrition</i> . 17(7), pp. 319–322. https://scialert.net/abstract/?doi=pjn.2018.319.322 2. Surjowardojo, P. , Saputra, F.T., Ridhowi,. (2019). Antimicrobial activity of Piper betle L. Against some mastitis disease bacteria at different temperatures and extraction times. <i>Drug Invention Today</i> . 11(10), pp. 2620–2624. https://web.p.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=09757619&AN=139166438&h=ZZnxPx86La2BeCeiCzTipidYX3yk%2fcvXtMlaRL0q9UqxBa3mtVYXOoQyZqcUap2JwbxAfGQDL0vfp5TPNOMNmA%3d%3d&crl=f&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=log in.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d09757619%26AN%3d139166438 3. Surjowardojo, P. , Setyowati, E., Ambarwati, I. (2019). Antibacterial effects of green betel (<i>Piper betle</i> linn.) leaf against streptococcus agalactiae and escherichia coli. <i>Agrivita</i> . 41(3), pp. 569–574. https://agrivita.ub.ac.id/index.php/agrivita/article/view |

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| | <p>w/2437</p> <p>4. Saputra, F.T., Surjowardojo, P., Irdaf. (2019). Morning temperature and humidity compatibility status of dairy cows using temperature humidity index: A case study in Jongbiru village, Kediri regency. IOP Conference Series: Earth and Environmental Science. 387(1), 012027. https://iopscience.iop.org/article/10.1088/1755-1315/387/1/012027</p> <p>5. Surjowardojo, P., Noegroho, V.A.K., Syahputra, F.T., Yulinarsari, A.P. (2020). Colostrum Quality of Friesian Holstein Crossbreed from Different Milking Day. IOP Conference Series: Earth and Environmental Science. 478(1), 012071. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012071</p> <p>6. Qisthon, A., Busono, W., Surjowardojo, P., Suyadi. (2020). The potential of the development of Holstein crossbreed dairy cows in tropical lowland Indonesia: Study of physiological and milk production by body cooling treatment. Indian Journal of Animal Research. 54(7), pp. 846–850. https://www.indianjournals.com/ijor.aspx?target=ijor:ijar1&volume=54&issue=7&article=008</p> |
| Scientific Activities | <p>1. Characteristics of goat farm based on farmer’s profile and goat population in Senduro Village, Lumajang Regency, East. Sustainable Animal Agriculture for Developing Countries. 16-19 October 2017 Batu, Faculty of Animal Science University of Brawijaya (UB), Indonesia</p> <p>2. Antibacterial activity of <i>Muntingia calabura</i> Lam. against some selected bacteria causing mastitis. The 1st International Conference in One Health (ICOH 2017). 1-2 Maret 2017 Malang, Fakultas Kedokteran Hewan, Universitas Brawijaya (UB), Indonesia</p> <p>3. Morning temperature and humidity compatibility status of dairy cows using temperature humidity index: a case study in Jongbiru village, Kediri regency. ISTAP 2019. IOP Conf. Series: Earth and Environmental Science 387 (2019) 012027</p> <p>4. Colostrum Quality of Friesian Holstein Crossbreed from Different Milking Day. The 4th Animal Production International Seminar. IOP Conf. Series: Earth and Environmental Science 478 (2020) 012071</p> |

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| Name | Prof.Dr. Ir. SUCIK MAYLINDA, MS. |
| Position | Professor of Animal Production |

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| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1981 Doctorate (Animal Science) Institut Pertanian Bogor 2007 Master degree (Animal Science) Institut Pertanian Bogor 1986 Undergraduate degree (Animal Science) Universitas Brawijaya 1981 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Characteristics of Dabung and Patemon ducks as local ducks in Bangkalan Regency, Mandiri 2017. Grant: 15 million IDR 2. The Study on the Performance of Madura Cows compared to Madrasin in Pamekasan, BOPTN 2018. Grant: 30 million IDR 3. Growth Performance and Quality of Brahman Cross Cow Carcass in Lampung, Hibah Doktor 2019. Grant: 50 million IDR 4. Adaptive Ability of Limousine-Madura Crossed Cattle Compare with Madura Cattle at Madura Island. Hibah Doktor Grant: 50 million IDR 5. Growth hormone locus polymorphism in Ongole Grade and Fries Holland Grade bulls and its implications in the digestibility of feed. Kemenristek Dikti 2020 6. Carcass and non-carcass production and the influencing factors on Brahman Cross cattle at PT. Karunia Alam Sentosa (PT. Kasa), Hibah Doktor 2020. Grant: 40 million IDR |
| Patents and proprietary rights | Introduction to Animal Breeding |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Maylinda, S., Nugroho, H., Busono, W. (2017). Phenotypic characteristics of local cattle in Madura Island. AIP Conference Proceedings. 1844, 060002. https://aip.scitation.org/doi/10.1063/1.4983442 2. Nugroho, H., Busono, W., Maylinda, S. (2017). Polymorphisms of the Myostatin gene (MSTN) and its association with growth traits in Bali cattle. Indian Journal of Animal Research. 51(5), pp. 817–820. https://www.indianjournals.com/ijor.aspx?target=ijor:ijar1&volume=51&issue=5&article=003 3. Maylinda, S., Sarah, O.L., Busono, W. (2018). Role of seasons on the production and reproduction performance of kacang goats (Kambing kacang) in north middle timor regency. Indian Journal of Animal Research. 52(8), pp. 1227–1231. https://www.indianjournals.com/ijor.aspx?target=ijor:ijar1&volume=52&issue=8&article=024 4. Maylinda, S., Iriany, A., Mashudi,, Mulyanto, A.D. (2019). Analysis of feed carrying capacity for ruminant livestock in Madura Island, Indonesia. Journal of Rangeland Science. 9(3), pp. 313–318. http://www.rangeland.ir/article_544498.html 5. Maylinda, S., Busono, W. (2020). Growth hormone locus |

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| | <p>polymorphism in Ongole Grade and Fries Holland Grade bulls and its implications in the digestibility of feed. <i>Journal of the Indonesian Tropical Animal Agriculture</i>. 45(2), pp. 71–77. https://ejournal.undip.ac.id/index.php/jitaa/article/view/27869</p> <p>6. Maylinda, S., Busono, W. (2020). Analysis of Some Predictors for Estimating Carcass Weight in Brahman Cross Cattle. <i>IOP Conference Series: Earth and Environmental Science</i>. 478(1), 012063. https://www.proquest.com/docview/2555621836</p> |
| Scientific Activities | <ol style="list-style-type: none"> 1. The Relationship Between Linear Body Measurements with Final Weight in Brahman Cross Cattle. <i>Proceedings of the International Conference on Food, Agriculture and Animal Sciences (ICOFAAS 2019)</i>, Antalya Turkey, 8-11 Nov. 2019 2. Correlation Between body weight, body condition score and vital statistics of Madura Cattle in Pamekasan, Madura. <i>Proceeding of The 3rd Animal Production International Seminar The 3rd ASEAN Regional Conference on Animal Production – 3rd APIS & 3rd ARCAP – 2016</i> |

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| Name | Dr.Ir.OSFAR SJOFJAN,MSc.IPU.ASEAN Eng |
| Position | Associate Professor of Animal Nutrition and Feed Technology |
| Academic career | <p>Doctorate (Animal Feed Biotechnology) Padjadjaran University 1998 - 2003</p> <p>Master's Degree (Animal nutrition/Poultry Nutrition) Wageningen Agricultural University 1992-1995</p> <p>Undergraduate Degree (Nutrition and Animal Feed) Padjadjaran university 1972 -1985</p> |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. The Use of a mixture of palm kernel cake and fermented onggok as a substitute for corn in duck feed. Program Hibah Doktor Lektor Kepala Tahun 2019. Grant : 50 million IDR 2. Increasing Potential of Tamarind Seeds (<i>Tamarindus indica</i> L) through Processing Technology as Local Feed Material for Ducks. PTUPT Tahun 2019. Grant : 224 million IDR 3. Nano technology innovation and re-binding of banana weevil flour as ingredients local feed substitutes for maize in broiler ducks feed. HPU Tahun 2020. Grant : 100 million IDR |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Production Methods of Natural Growth Promoter as Animal Feed Supplement 2. Additives Poultry Feed Replacement for Antibiotics 3. Single cell protein <i>Saccharomyces cerevisiae</i> Activities and Benefits as an ingredient in poultry feed |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1.Purnama, N.W., Sjofjan, O., Widodo, E. (2020). Effect of Tomato Powder and Sepiolite to Liver Damage in Broiler Chickens Exposed to Aflatoxin. IOP Conference Series: Earth and Environmental Science. 478(1), 012033. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012033#:~:text=The%20lowest%20level%20of%20liver,the%20liver%20damage%20in%20broilers. 2.Sjofjan, O., Adli, D.N. (2020). Effect of Dietary of Supplementation Mannan-Riched Fraction (MRF) and Probiotic-Enhanced Liquid Acidifier on the Growth Performance, Serum Blood Biochemistry, and Intestinal Properties of Broilers. IOP Conference Series: Earth and Environmental Science. 478(1), 012066. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012066 3.Hatta, U., Sjofjan, O., Rugaya, N., Sundu, B. (2020). Evaluation of crude cellulase from <i>Trichoderma viride</i> - Fermented copra meal and its effect on feed digestibility and digestive organs development of broiler chickens. IOP Conference Series: Earth and Environmental Science. 492(1), 012133. https://www.researchgate.net/publication/342423821_Evaluation_of_crude_cellulase_from_Trichoderma_viride_-_fermented_copra_meal_and_its_effect_on_feed_digestibility_and_digestive_organ_development_of_broiler_chickens 4.Sjofjan, O., Adli, D.N., Harahap, R.P., ...Utama, D.T., Seruni, A.P. (2021). The effects of lactic acid bacteria and yeasts as |

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| | <p>probiotics on the growth performance, relative organ weight, blood parameters, and immune responses of broiler: A metaanalysis. F1000Research. 10, pp. 183. https://f1000research.com/articles/10-183</p> |
| Scientific Activities | <ol style="list-style-type: none"> 1. Effect of Dietary of Supplementation Mannan-Riched Fraction (MRF) and Probiotic-Enhanced Liquid Acidifier on the Growth Performance, Serum Blood Biochemistry, and Intestinal Properties of Broilers. Malang – East Java, 24-27 October 2019. The 4th Animal Production International Seminar 2. Effect of symbiotic flour (<i>Lactobacillus sp</i> and FOS) in the egg quality and performance of laying hens. Kendari, NorthEast- Sulawesi, 13-14 November 2019. 2nd ITAPS |

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| Name | Prof.Dr.Ir. SRI WAHJUNINGSIH, M.Si. |
| Position | Associate Professor of Animal Production |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1988 Doctorate (Reproduction) Universitas Airlangga 2000 Master degree (Biology Reproduction) Universitas Airlangga 1995 Undergraduate degree (Animal Production) Institut Pertanian Bogor 1986 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Realization of Local Goat and Sheep Gamete Cell Bank (Spermatozoa) for Conservation and Commercialization of Indonesian Germplasm, LPDP-Depkeu 2017-2018. Grant: 2 billion IDR 2. Goat Embryo Production Using IVF Technology Using Fresh Oocytes and Cryopreserved Oocytes, DP2M-Dikti 2018-2020. Grant: 174 million IDR 3. Goat Embryo Production Using IVF Technology Using Fresh Oocytes and Cryopreserved Oocytes, DP2M-Dikti 2018-2019. Grant: 174 million IDR 4. Efforts to increase buffalo population and productivity through artificial insemination, DIPA UB 2019. Grant: 50 million IDR 5. Dragon fruit peel extract supplementation (<i>Hylocereus polyrhizus</i>) in an extender improves the quality of goat semen and implements artificial insemination, DIPA UB 2019. Grant: 50 million IDR. 6. Efforts to increase the fertility of frozen goat semen using black grass jelly leaf extract (<i>Mesona palustris b.</i>) In a diluent and its application in artificial insemination, DIPA UB 2020. Grant: 100 million IDR 7. Dragon fruit peel extract supplementation (<i>Hylocereus polyrhizus</i>) in an extender improves the quality of goat semen and implements artificial insemination, DIPA UB 2020. Grant: 5 million IDR |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Farm animal oocyte freezing technology 2. The process of making frozen goat semen by supplementing with Cysteine in a semen diluent 3. Goat semen thinning formula 4. Fresh goat semen thinning formula 5. Unconventional Oocyte Cryopreservation Methods 6. Use of tris aminomethane diluent with plant-based supplementation in semen freezing 7. Moringa leaf extract supplementation (<i>Moringa oleifera lamp</i>) in the manufacture of liquid semen 8. The entog semen thinner formula 9. Supplementation of L-Carnitine in goat semen thinner 10. Water clover (<i>Marsilea crenata</i>) extract supplementation in the processing of liquid semen 11. Sperm thinning innovation using dragon fruit peel extract (<i>Hylocereus polyrhizus</i>) 12. Animal Reproduction Science |

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| | <p>13. Animal Reproduction Technology</p> <p>14. Sperm thinning formula uses soybean juice (glycine max (l.) Merr.)</p> <p>15. Extender semen formula with fortified red dragon fruit peel (Hylocereus polyrhizus) on tris aminomethane diluent</p> <p>16. Method and formula of black grass jelly leaf extract (Mesona palustris b.) To improve the quality of frozen semen Animal Biology</p> |
| <p>Important publications over the last 5 years</p> | <ol style="list-style-type: none"> 1. Wahjuningsih, S., Ciptadi, G., Ihsan, M.N., Isnaini, N., Rahayu, S. (2019). Supplementation of Moringa oleifera leaves' extract in Tris-egg yolk extender on the quality and fertility of cryopreserved Senduro goat sperm. Livestock Research for Rural Development. 31(12), 31185 . http://www.lrrd.org/lrrd31/12/yunin31185.html#:~:text=It%20is%20evident%20that%203,the%20Senduro%20buck's%20frozen%20semen. 2. Wahjuningsih, S., Ciptadi, G., Pridiawati, K. (2019). The effect of water clover (Marsilea crenata) extract addition in egg yolk and skim milk extender on frozen goat semen quality. IOP Conference Series: Earth and Environmental Science. 387(1), 012103. https://iopscience.iop.org/article/10.1088/1755-1315/387/1/012103/meta 3. Wahjuningsih, S., Ciptadi, G., Ihsan, M.N., Putri, A.R.I., Karima, H.N. (2019). Goat oocytes quality after vitrification using difference of glycerol concentration and exposure time. IOP Conference Series: Earth and Environmental Science. 391(1), 012009. https://www.proquest.com/docview/2558195282?pq-origsite=gscholar&fromopenview=true 4. Susilawati, T., Sholikah, N., Wahjuningsih, S., Kuswati,, Yekti, A.P.A. (2020). Relationship of scrotal circumference with spermatozoa production in various breed of Indonesian local bulls. American Journal of Animal and Veterinary Sciences. 15(2), pp. 102–107. https://thescipub.com/abstract/10.3844/ajavsp.2020.102.107 5. Ervandi, M., Ihsan, M.N., Wahjuningsih, S., Susilawati, T. (2020). Pregnancy rate and reproductive disorders examination of inseminated brahman cross cows by rectal palpation and ultrasonography. American Journal of Animal and Veterinary Sciences. 15(1), 73.80. https://thescipub.com/abstract/10.3844/ajavsp.2020.73.80 6. Wahjuningsih, S., Yekti, A.P.A., Grace, A., Amalia. (2020). Supplementation of Red Dragon Fruit Peel Extract (Hylocereus polyrhizus) in CEP-2 Extender on the Qualities of |

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| | <p>Limousin Bull Chilled Semen. IOP Conference Series: Earth and Environmental Science. 478(1), 012084. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012084</p> <p>7. Yekti, A.P.A., Cahyo, W.D., Wahjuningsih, S., ...Huda, A.N., Susilawati, T. (2020). The Decreasing of Quality Liquid Semen Using Four Months Storages of Tris Aminomethan and CEP-3 Diluents. IOP Conference Series: Earth and Environmental Science. 478(1), 012079. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012079</p> |
| Scientific Activities | <ol style="list-style-type: none"> 1. Effects of Water Clover (<i>Marsilea crenata</i>) Extract within Tris-Fructose Citric Glycerol Extender on Frozen Semen Quality of Boer Goat. The 11th International Conference on Global Resource Conservation. Malang, 28 Juli 2020 2. Supplementation of red dragon fruit peel extract (<i>Hylocereus polyrhizus</i>) in extender on the quality of Limousin chilled semen. The 4th Animal Production International Seminar. Malang, 23-24 Oktober 2019 3. Goat oocytes quality after vitrification using difference of glycerol concentration and exposure time. The 10th International Conference on Global Resource Conservation. Malang, 4-5 September 2019 4. Supplementation of water clover (<i>Marsilea crenata</i>) extract in egg yolk skim milk on frozen goat semen quality. the 8th international seminar on tropical animal production (ISTAP). Yogyakarta, 23-25 September 2019 5. Effects of extender on freezing semen of boer goat. International Conference on Innovation and Technology. Malang, 13-14 Nopember 2018 6. Effect of <i>Moringa oleifera</i> Leaves Extract on Post-thawed Semen Quality of Senduro Goat . Seminar Internasional ICAST. Makasar 6-7 Nopember 2018 7. In Vitro Fertilization of Cryopreserved Goat Oocytes in Different Cryoprotectants. Seminar Internasional ICAMBBE. Malang, 4 September 2018 8. Influence of meiotic stages on developmental competence of goat' oocyte after vitrification. International Ruminant Seminar "Eco friendly Livestock Production For Sustainable Agricultural. Semarang, 24 Oktober 2017 |

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| Name | Dr.Ir. AGUS BUDIARTO, MS. |
| Position | Associate Professor of Animal Genetic |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1983 Doctorate (Animal Science) Universitas Brawijaya 2005 Undergraduate degree (Animal Science) Universitas Brawijaya 1983 |
| Patents and proprietary rights | Genetika dan Pemuliaan: Peternakan-Veteriner |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Evaluation Level Production And Natural Mating and Artificial Insemination Buffalo Hibah Doktor 2020. Grant: 50 million IDR 2. Genetic improvement of buffalo reproduction and reproduction recording through Artificial Insemination in Lumajang Regency Hibah Doktor 2019. Grant:50 million IDR 3. Analysis of similarity, phenotype, genetics and the natural increase in livestock in the area of potential for buffalo production in East Java. Hibah Dokor 2018. Kemenristek Dikti 2018. Grant: 50 million IDR |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Nasich, M., Sarah, O.L., Ciptadi, G., Busono, W., Budiarto, A. (2019). The productivity of kacang goat pre-weaning period in low-land and high-land in West Timor, Timor Island Indonesia. IOP Conference Series: Earth and Environmental Science, 247(1), 012017. https://www.researchgate.net/publication/332302515_The_productivity_of_kacang_goat_pre-weaning_period_in_low-land_and_high-land_in_West_Timor_Timor_Island_Indonesia 2. Ciptadi, G., Budiarto, A., Hakim, L., ...Finawati, P., Ubaidillah, M.H. (2019). The reproductive characters of swamp buffalo in small holder farm in East Java, Indonesia. IOP Conference Series: Earth and Environmental Science, 247(1), 012019. https://iopscience.iop.org/article/10.1088/1755-1315/247/1/012019 3. Budiarto, A., Ciptadi, G., Hakim, L., ...Karima, H.N., Hisam, M.H. (2019). The productivity of female swamp buffaloes (Bubalus bubalis) in East Java, Indonesia. IOP Conference Series: Earth and Environmental Science, 247(1), 012029. https://iopscience.iop.org/article/10.1088/1755-1315/247/1/012029 4. Hakim, L., Susanto, A., Budiarto, A. (2020). Heritability and correlation of linear traits in holstein cows in Indonesia. International Journal of Dairy Science, 15(2), pp. 99–107. https://scialert.net/abstract/?doi=ijds.2020.99.107 5. Budiarto, A., Ciptadi, G., Nasich, M., Fatich. (2020). Natural Increase and Output of Swamp Buffalo (Bubalus bubalis) in Banyuwangi Regency. IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012074. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012074 |

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| Scientific Activities | Natural Increase and Output of Swamp Buffalo (<i>Bubalus bubalis</i>) in Banyuwangi Regency. The 4th Animal Production International Seminar IOP Conf. Series: (2020) |
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| Name | Dr.Ir. AGUS SUSILO, S.Pt., MP., IPM., ASEAN Eng. |
| Position | Assistant Professor of Animal Product Technology |
| Academic career | Asst. Professor, Faculty of Animal Science, Universitas Brawijaya, 2007 Lecturer, Faculty of Animal Science, Universitas Brawijaya, 1998 Doctorate (Animal Science), Universitas Gadjah Mada, 2015 Undergraduate degree (Animal Science), Universitas Brawijaya, 1997 |
| Employment | Technical Service Representative, PT Medion Farma Jaya, 1997-1998 |
| Patents and proprietary rights | Dasar Teknologi Hasil Ternak |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Genetic quality improvement of Madura cattle through recording and performance test at UPT-HMT Madura (2020). Partner: The East Java Livestock Service, UPT-HMT Madura. Grant: 100 million IDR 2. Process optimization for manufacturing low-fat mayonnaise added with banana peel flour as functional food (2019). Grant: 25 million IDR 3. Color sensor and arduino microcontroller-based biometric scanner for egg yolk (2019). Grant: 25 million IDR. 4. Immune response and performance enhancement of Indonesia native chicken with <i>Allium sativum</i> extract as feed additive (2017). Grant: 25 million IDR. |
| Industry collaborations over the last 5 years | Diversification of honey products PT Kembang Joyo Sriwijaya |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Manufacturing process of meatball from beef liver (No. P00200400362), 2004 2. Manufacturing process of protein concentrate from bovine offal (No. P0020140742427), 2014 3. Manufacturing process of fortified <i>rambak</i> (No. P00201606228), 2016 4. Automatic sprouting machine (Np. P00201606226), 2016 5. Formula and Process for Making Low Sugar Chicken Shredded (S00202009259) 6. Dasar Teknologi Hasil Ternak (Book) 7. Industri Pengolahan Daging (Book) |

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| <p>Important publications over the last 5 years</p> | <p>Selected recent publications from a total of approx. (15):</p> <ol style="list-style-type: none"> 1. A Fadlilah, D Rosyidi and A Susilo. (2020). Microbial qualities of rabbit meat fermented with <i>Lactobacillus plantarum</i>. IOP Conference Series: EES, United Kingdom. 492, 1, 012058. https://iopscience.iop.org/article/10.1088/1755-1315/492/1/012058#:~:text=P%20%3C0.05).-L.,fermentation%20time%20was%2018%20hours. 2. LE Radiati, AK Umam, A Susilo, AA Thoifi. (2020). Effect of <i>lactobacillus plantarum</i> concentration level on physicochemical properties of fermented goat meat dendeng. IOP Conference Series: EES, United Kingdom, 478, 1, 012038. https://www.researchgate.net/publication/341978724_Effect_of_Lactobacillus_plantarum_Concentration_Level_on_Physicochemical_Properties_of_Fermented_Goat_Meat_Dendeng 3. F Jaya, D Rosyidi, L E Radiati, S Minarti, Mustakim, A Susilo, R H Muslimah and M Husolli. (2020). Antioxidant activity and microbiological quality of bee bread collected from three different species honey bee. IOP Conference Series: Earth and Environmental Science. Conf. Ser.: Earth Environ. Sci. 475 012033. https://iopscience.iop.org/article/10.1088/1755-1315/475/1/012033 4. A Fadlilah, D Rosyidi and A Susilo. (2020). Chemical Quality of Fresh New Zealand White Rabbit Meat in Batu, Indonesia. IOP Conference Series: Materials Science and Engineering. https://www.researchgate.net/publication/341382760_Chemical_Quality_of_Fresh_New_Zealand_White_Rabbit_Meat_in_Batu_Indonesia 5. H Evanuarini and A Susilo. (2020). The Quality of Low Fat Mayonnaise Using Banana Peel Flour as Stabilizer. IOP Conference Series: Earth and Environmental Science 478 012091. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012091 |
| <p>Scientific Activities</p> | <p>SAADC 2017, Thailand SAADC 2019, Batu Malang, Indonesia ISSAAS, 2019, Malaysia UC Council, 2019, Philipina</p> |

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| Name | Dr.Ir. BAMBANG ALI NUGROHO, MS.DAA., IPM., ASEAN Eng. |
| Position | Associate Professor of Livestock Socioeconomic |
| Academic career | <p>Doctorate (Dept of Agriculture and Regional Policy) Universite de Nice Sophia-Antipolis (UNSA) –Nice, France 1997</p> <p>Master’s Degree Ecole (Nationale Superieure Agronomie de Rennes (ENSAR) Rennes, France. Dept of Agriculture and Regional Policy 1993</p> <p>Undergraduate Degree (Animal Science) Gadjah Mada 1987</p> |
| Research and development projects over the last 5 years | |
| Patents and proprietary rights | Peluang dan Tantangan Usaha Peternakan di Aceh |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Ningsih, U.W., Hartono, B., Nugroho, B.A., Utami, H.D. (2016). Analysis of technical, allocative and economical efficiency in small beef cattle farming: (A Case Study in Tumpang Sub-district, Malang Regency). International Journal of Economic Research, 13(1), pp. 165–174. https://www.econbiz.de/Record/analysis-technical-allocative-and-economical-efficiency-small-beef-cattle-farming-case-study-tumpang-sub-district-malang-regency-ningsih-umi-wisapti/10011560598 2. Randu, M.D.S., Hartono, B., Nugroho, B.A., Utami, H.D. (2017). Strategies in developing horse breeding with socio-cultural concept in the Regency of Sumba Barat Daya. International Journal of Economic Research, 14(3), pp. 355–365. https://www.researchgate.net/publication/315943419_Strategies_in_developing_horse_breeding_with_socio-cultural_concept_in_the_Regency_of_Sumba_Barat_Daya 3. Yani, A., Hartono, B., Nugroho, B.A., Nugroho, H. (2017). The cost analysis of domestic resources of the bali cattle business: The case study in Moyo Watershed down stream Sumbawa regency, West Nusa, Tenggara. Asian Journal of Microbiology, Biotechnology and Environmental Sciencethis link is disabled, 19(1), pp. 183–192. https://www.researchgate.net/publication/318583381_The_cost_analysis_of_domestic_resources_of_the_bali_cattle_business_The_case_study_in_Moyo_Watershed_down_stream_Sumbawa_regency_West_Nusa_Tenggara 4. Sudirman,, Hartono, B., Subagiyo, I., Nugroho, B.A. (2018) Analysis of domestic resources cost based on farm typology of Bali Cattle in Plampang Sumbawa Regency, West Nusa Tenggara. Tropical Animal Science Journa, 2018, 41(3), pp. 224–233. https://journal.ipb.ac.id/index.php/tasj/article/view/24340 |

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| | <p>5. Amam, A., Fanani, Z., Hartono, B., Nugroho, B.A. (2019) The Power of Resources in Independent Livestock Farming Business in Malang District, Indonesia. IOP Conference Series: Earth and Environmental Science, 372(1), 012055. https://www.researchgate.net/publication/337098408_The_Power_of_Resources_in_Independent_Livestock_Farming_Business_in_Malang_District_Indonesia/fulltext/5dc4bf4ba6fdcc2d2ffb70ec/The-Power-of-Resources-in-Independent-Livestock-Farming-Business-in-Malang-District-Indonesia.pdf</p> <p>6. Nugroho, B.A. (2020). Indonesia's Broilers Business Facing Oversupply Difficulties. IOP Conference Series: Earth and Environmental Science, 478(1), 012010. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012010/pdf</p> |
| Scientific Activities | <p>Identification of financial, technological, physical, economic, environmental and social resources in broiler farming. National Seminar on Animal Husbandry and Veterinary Technology.</p> |

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| Name | Dr.Ir. EDHY SUDJARWO, MS. |
| Position | Associate Professor of Animal Production |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1984 Doctorate (Animal Science) Universitas Brawijaya 2011 Undergraduate degree (Animal Science) Universitas Brawijaya 1983 |
| Patents and proprietary rights | Poultry Livestock Production Science Poultry Production Management |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Microclimate evaluation and broiler performance in open house and close house. Hibah Doktor 2019. Grant: 50 million IDR 2. Evaluation of the use of additive boosters in broilers with different DOC weights in close house. Hibah Doktor 2020 50 million IDR |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Nurwahyuni, E., Sudjarwo, E., Sjojfan, O. (2016). Effect of altitudes on blood profiles of the broilers. <i>Advances in Animal and Veterinary Sciences</i>, 4(3), pp. 122–127. https://www.researchgate.net/publication/296690857_Effect_of_Altitudes_on_Blood_Profiles_of_the_Broilers 2. Qosimah, D., Murwani, S., Sudjarwo, E., Arfan Lesmana, M. (2016). Effect of Newcastle disease virus level of infection on embryonic length, embryonic death, and protein profile changes. <i>Veterinary World</i>, 11(9), pp. 1316–1320. https://pubmed.ncbi.nlm.nih.gov/30410239/ 3. Muharlieni,, Sudjarwo, E., Yulianti, D.L., Hamiyanti, A.A. (2020). Microclimate Analysis of Opened House and Closed House in Broiler Rearing. <i>IOP Conference Series: Earth and Environmental Science</i>, 478(1), 012078. https://www.researchgate.net/publication/341979300_Microclimate_Analysis_of_Opened_House_and_Closed_House_in_Broiler_Rearing |
| Scientific Activities | - |

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| Name | Ir. HARI DWI UTAMI, MS., M.AppL.Sc., Ph.D., IPM., ASEAN Eng. |
| Position | Associate Professor of Livestock Socioeconomic |
| Academic career | Lecturer Faculty of Animal Science, Brawijaya University 1986 Habilitation (Agricultural Economy) Massey University 2004 Doctorate (International Rural Development) Massey University 1992 Master's Degree (Agricultural Economy) Gadjah Mada University 2000 Undergraduate degree (Animal Science) Gadjah Mada University 1984 |
| Patents and proprietary rights | Beef Cattle Cluster |
| Research and development projects over the last 5 years | |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Ningsih, U.W., Hartono, B., Nugroho, B.A., Utami, H.D. (2016). Analysis of technical, allocative and economical efficiency in small beef cattle farming: (A Case Study in Tumpang Sub-district, Malang Regency). International Journal of Economic Research this link is disabled, 13(1), pp. 165–174. https://www.econbiz.de/Record/analysis-technical-allocative-and-economical-efficiency-small-beef-cattle-farming-case-study-tumpang-sub-district-malang-regency-ningsih-umi-wisapti/10011560598 2. Randu, M.D.S., Hartono, B., Nugroho, B.A., Utami, H.D. (2017). Strategies in developing horse breeding with socio-cultural concept in the Regency of Sumba Barat Daya. International Journal of Economic Research, 14(3), pp. 355–365. https://www.researchgate.net/publication/315943419_Strategies_in_developing_horse_breeding_with_socio-cultural_concept_in_the_Regency_of_Sumba_Barat_Daya 3. Nalle, A.A., Hartono, B., Ali Nugroho, B., Utami, H.D. (2017). Domestic resources cost analysis of small-scale beef cattle farming at upstream area of benain-noelmina watershed, west timor, east nusa tenggara. Open Agriculture, 2(1), pp. 417–424. https://www.researchgate.net/publication/319283727_Domestic_Resources_Cost_Analysis_of_Small-Scale_Beef_Cattle_Farming_at_Upstream_Area_of_Benain-Noelmina_Watershed_West_Timor_East_Nusa_Tenggara 4. Utami, H.D., Yakin, A., Seruni, A.P. (2018). Determinants Affecting on Smallholder Madura Cattle Farming at Pamekasan Regency, East Java, Indonesia. IOP Conference Series: Earth and Environmental Science this link is disabled, 119(1), 012063. |

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| | <p>https://www.researchgate.net/publication/323505653_Determinants_Affecting_on_Smallholder_Madura_Cattle_Farming_at_Pamekasan_Regency_East_Java_Indonesia</p> <p>5. Utami, H.D., Purwanita, E. (2019) The Comparison of Financial Performance among the Broiler Duck Farming Based on Farm-Scales at Banyuwangi Regency of Indonesia. IOP Conference Series: Earth and Environmental Science this link is disabled, 372(1), 012054. https://www.proquest.com/openview/5d3d888d4a98aad091427145c5db72d/1?pq-origsite=gscholar&cbl=4998669</p> <p>6. Utami, H.D., Madalena, O.V. (2020). BEP and MOS of the Pullet Farming Partnership Scheme at Malang, Indonesia. IOP Conference Series: Earth and Environmental Science, 478(1), 012093. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012093/pdf</p> |
| Scientific Activities | <ol style="list-style-type: none"> 1. Organization Indonesian Animal Husbandry Scholars Association Role Member Period 1984 – Present 2. Factors Influence on Smallholder Dairy Farming Income (Case Study in Malang, Indonesia” (The 17th Asia Australasian Association of Animal Production Society Animal Science (AAAP) Congress. Fukuoka, Jepang. 2016 3. Fresh Beef Demand Elasticity Among Household in Malang City” (The 3rd Asean Regional Conference on Animal Production. 3rd APIS & 3rd ARCAP - 2016, Enhancing Synergistic Roles of Stakeholders for Development of Sustainable Livestock Production), October 2016 4. Economic Assessment of The Native Honeybee Farming (Case Study at Kediri regency East Java of Indonesia). 2017 5. Broiler Partnerships Scheme Advantages Toward minimising Its Production and Marketing Risks(Case Study at Mojokerto District of East Java Indonesia). 2017 |

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| Name | Dr. HERLY EVANUARINI, S.Pt., MP. |
| Position | Associate professor of Animal Product Technology |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 2008 Doctorate (Animal Science) Universitas Brawijaya 2016 Master's Degree (Animal Science) Universitas Brawijaya 2002 Undergraduate Degree (Animal Science) Universitas Brawijaya 1998 |
| Employment | - |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Optimization of Low Fat Mayonnaise as a Functional Food Using Banana Skin Flour as a Stabilizer (2019). Partner: PNB Faculty of Animal Science, Universitas Brawijaya. Grant: 25 million IDR 2. Utilization of Red Watermelon (<i>Citrullus Lanatus</i>) Skin Flour as a Stabilizer for Reduced Fat Mayonnaise (2020). Partner: PNB Faculty of Animal Science, Universitas Brawijaya. Grant: 25 million IDR |
| Patents and proprietary rights | <p><i>Patents:</i></p> <p>Formula And Manufacture of Mayonnaise Using Kefir Emulator, 2016 (ID: P00201606223)</p> <p>Formula and Manufacture of Low Fat Mayonnaise, 2016 (ID: P00201606224)</p> <p>Book:</p> <p>Handling f Livestock Products. 2017</p> |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Hakim, L., Purwadi,, Thohari, I., Evanuarini, H., Manab, A. (2016). Physical and chemical properties of mozzarella cheese analogue microwavable. International Journal of ChemTech Research, 9(7), pp. 171–181. https://www.researchgate.net/publication/307017760_Physical_and_chemical_properties_of_mozzarella_cheese_analogue_microwavable 2. Purwadi, A., Manab, A., Thohari, I., Evanuarini, H. (2016). The effect of casein modification and inulin on physicochemical properties of mozzarella cheese analogue microwavable. International Journal of ChemTech Research, 9(7), pp. 161–170. https://www.researchgate.net/publication/307017961_The_effect_of_casein_modification_and_inulin_on_physicochemical_properties_of_mozzarella_cheese_analogue_microwavable 3. Mayangsari, A.S., Wahyuni, L.S., Purwadi,, Evanuarini, H. (2019). Characteristic ice cream using stevia (<i>Stevia rebaudiana</i>) leaf powder as natural sweetener. Current Research in Nutrition and Food Science, 2019, 7(2), pp. 600–606. https://www.foodandnutritionjournal.org/volume7number2/characteristic-ice-cream-using-stevia-rebaudiana-leaf-powder-as-natural-sweetener/ 4. Krisnaningsih, A.T., Radiati, L.E., Purwadi,, Evanuarini, H., Rosyidi, D. (2019). The effect of incubation time to the |

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| | <p>physicochemical and microbial properties of yoghurt with local taro (<i>Colocasia esculenta</i>(L.) schott) starch as stabilizer. <i>Current Research in Nutrition and Food Science</i>. 7(2), pp. 547–554.</p> <p>https://www.foodandnutritionjournal.org/volume7number2/the-effect-of-incubation-time-to-the-physicochemical-and-microbial-properties-of-yoghurt-with-local-taro-colocasia-esculental-schott-starch-as-stabilizer/</p> <p>5. Evanuarini, H., Susilo, A. (2020). The Quality of Low Fat Mayonnaise Using Banana Peel Flour as Stabilizer. <i>IOP Conference Series: Earth and Environmental Science</i>, 478(1), 012091.</p> <p>https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012091#:~:text=The%20results%20showed%20that%20the,emulsion%20and%20can%20be%20acceptabl e.</p> |
| Scientific Activities | <p>The Quality of Milk Candy Using Rosella Powder (<i>Hibiscus sabdariffa</i> L.) Addition. 4th APIS. 24-27 Oktober 2019. Malang, Indonesia</p> |

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| Name | Dr.Ir. IMAM THOHARI, MP., IPM., ASEAN Eng. |
| Position | Associate professor of Animal Product Technology |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya, 1986 Doctorate (Animal Science) Universitas Brawijaya, 2012 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. <i>Engineering of Chitosan Nanocomposite as a Basic Material for Packaging of Fresh Eggs and Processes (2020). Partner: BOPTN Faculty of Animal Science, Universitas Brawijaya. Grant: 48,5 million IDR</i> 2. <i>Study of Old Storage of Powdered Milk with Polyphenols from Cocoa Shell as a Basis for Nutraceutical Food Development, Hibah Peneliti Pemula Tahun 2020. Grant: 27 million IDR</i> |
| Industry collaborations over the last 5 years | - |
| Patents and proprietary rights | <p>Patents: <i>Formula of Stacking Gel and Separating Gel for Identification Of B-Lactoglobulin In Milk Fermented (IDP000044645)</i></p> <p>Books: <i>Livestock Product Technology. 2017</i> <i>Egg Processing & Preservation Technology. 2018</i></p> |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. <u>Physicochemical Properties of Kefir Drink Using Modified Porang Flour (<i>Amorphophallus oncophyllus</i>) During Storage Period</u>. <i>Current Research in Nutrition and Food Science</i>. 5(3): 288-299. 2017 2. <i>Improvement of the Quality of Yoghurt Set with the Addition of Kimpul (<i>Xanthosoma sagittifolium</i>)</i>. <i>Jurnal Ilmu-Ilmu Peternakan (Indonesian Journal of Animal Science)</i>. 29(2): 131-142. 2019 |
| Scientific Activities | The cured egg yolk quality on different salting time. 4 th APIS. 24-27 Oktober 2019. Malang, Indonesia |

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| Name | Dr.Ir. IRFAN H.D., M.Sc., IPM., ASEAN Eng. |
| Position | Assistant Professor of Nutrition and Animal Feed |
| Academic career | Doctorate (Animal Husbandry) Gadjah Mada University 2005 - 2010 Master's Degree (Trop. Animal Production) Landbouw Universiteit, Wageningen 1991 - 1993 Undergraduate Degree (Animal Production) IPB University 1984-1989 |
| Patents and proprietary rights | Books: Non-Ruminant Animal Nutrition Science. 2018 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Effect of Probiotic and acidifier combination as an alternative to antibiotic growth promoters of digesta pH and intestinal microflora of laying hen. 2018 2. Antibiotic residue on feed and broiler feed on different partnership agent in Blitar Regency. 2019 3. The effect of a combination Probiotic and Averrhoa bilimbi powder extract on egg quality of laying hens.2019 |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Andri, F., Widodo, E., Djunaidi, I.H. (2018). Effects of dietary sardine oil and tomato powder supplementation on laying performance and egg quality of Mojosari duck. Livestock Research for Rural Development, 2018, 30(2). http://www.lrrd.org/lrrd30/2/faiz30032.html 2. Sembiring, S., Trisunuwati, P., Sjojfan, O., Djunaidi, I.H. (2020). Evaluation of kepok banana corm fermented with Saccharomyces cerevisiae and Aspergillus niger as feeds. Indian Journal of Animal Research, 2020, 54(1), pp. 70–73. https://www.researchgate.net/publication/320481800_Evaluation_of_kepok_banana_corm_fermented_with_Saccharomyces_cerevisiae_and_Aspergillus_niger_as_feeds 3. Nuningtyas, Y.F., Sjojfan, O., Djunaidi, I.H., Natsir, M.H. (2020). Celery (Apium graveolens L.) extraction as the inhibition of pathogenic microorganism in broiler. IOP Conference Series: Earth and Environmental Science, 2020, 411(1), 012026 https://www.researchgate.net/publication/338470473_Celery_Apium_graveolens_L_extraction_as_the_inhibition_of_pathogenic_microorganism_in_broiler 4. Djunaidi, I.H., Natsir, M.H., Nuningtyas, Y.F., Yusrifar, M. (2020). The Effectiveness of Biacid (Organic Acid and Essential Oil) as Substitute for Antibiotics on Ileal Characteristics of Broilers. IOP Conference Series: Earth and Environmental Science, 478(1), 012073. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012073 5. Tistiana, H., Hartutik,, Widodo, E., Djunaidi, I.H. (2020). Effect of Pellet Size in Ration with or without Indigofera |

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| | <p>sp on New Zealand White Rabbit Performances. IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012048.</p> <p>https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012048</p> |
| Scientific Activities | <ol style="list-style-type: none"> 1. Ileal characteristics of broiler fed by “biacid” (acidifier dan essential oil) as feed additive. 4th APIS. 24-27 Oktober 2019. Malang, Indonesia 2. The Utilization Effect of Biacid (Organic Acid and Essential Oil) as a alternative for Antibiotics on Protein Digestion and Metabolic Energy in Broilers. 4th APIS. 24-27 Oktober 2019. Malang, Indonesia |

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| Name | Dr.Ir. ITA WAHJU NURSITA, M.Sc. |
| Position | Assistant Professor of Animal Production |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1988 Doctorate (Animal Science) Universitas Brawijaya 2014 Undergraduate degree (Animal Science) IPB University 1987 |
| Patents and proprietary rights | |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Mapping the Anatomical and Physiological Advantages of Local Beef Cattle: Comparison of Sweating Rate and Sweat Gland Density of PO Cows and Their Cross with Taurus Bosses, as Chairman Kemenristek Dikti 2017-2019. Grant: 65 million IDR 2. Profiles of thyroid hormones and lactating cattle plasma metabolites at different altitudes PNPB 2018 Grant: 22 million IDR 3. The Speed of Sweating of Male Cows in Several Nations on Different Body Parts PNPB 2020 Grant: 18 million IDR |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Nursita, I.W., Cholis, N. (2019). Mapping efforts of the advantages of local beef thermotolerance: Comparison of sweating rate of Peranakan Ongole cattle and it's cross with Bos taurus. IOP Conference Series: Earth and Environmental Science, 2019, 239(1), 012023. https://www.researchgate.net/publication/331177215_Mapping_efforts_of_the_advantages_of_local_beef_thermotolerance_comparison_of_sweating_rate_of_Peranakan_Ongole_cattle_and_it's_cross_with_Bos_taurus 2. Nursita, I.W., Pratiwi, H., Cholis, N., Taufiqi, Y. (2020). The Comparison of Sweating Rate and Sweat Gland Anatomy between Simmental and Its Crossing with Ongole Crossbred (Simp) Bulls. IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012047. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012047 3. Muharlieni,, Nursita, I.W., Pangestu, V.M. (2020). The Effect of Feed Protein Level on Feed Consumption, Body Weight Gain and Feed Conversion of Finisher Java Super Male Chicken. IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012044. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012044 4. Cholis, N., Nursita, I.W. (2020). The Effect of Addition Azotobacter Microbial Culture on Cow Feces as a Plant Fertilizer. IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012051. https://www.researchgate.net/publication/341979342_The_Effect_of_Addition_Azotobacter_Microbial_Culture_on |

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| | <p>Cow Feces as a Plant Fertilizer</p> <p>5. Suyadi, S., Purwantara, B., Furqon, A., Nursita, I.W., Pratiwi, H., Herwiyati, E. (2020). Influences of bull age and season on sperm motility, sperm concentration, and ejaculate volume of Ongole Grade cattle in Singosari National Artificial Insemination Center. <i>Journal of the Indonesian Tropical Animal Agriculture</i>, 2020, 45(4), pp. 261–267.</p> <p>https://ejournal.undip.ac.id/index.php/jitaa/article/view/28151</p> |
| Scientific Activities | <p>The comparison of sweating rate and sweat gland anatomy between Simmental and its crossing with Ongole crossbred (simpo) bull. 4th APIS. 24-27 Oktober 2019. Malang, Indonesia</p> |

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| Name | Dr. KHOTHIBUL UMAM AL AWWALY, S.Pt., M.Si. |
| Position | Assistant Professor of Animal Product Technology |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1999 Doctorate (Animal Science) Universitas Gajah Mada 2019 Undergraduate degree (Animal Science) Universitas Brawijaya 1992 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Stability of Cocoa peel Catechin Nano Casein (<i>Theobroma cacao</i>) in Skimmed Milk (2017). Partner: DRPM Kemenristek-dikti. Grant: 100 million IDR. 2. Effect of Glucose Substitution on the Quality of Honey Produced (2016):partenrs STPP Lawang, grants 7,5 million IDR 3. Study of Physicochemical and Functional Properties of Chicken Head Protein with Different Extraction Method (2020): 24 million IDR 4. Development of mtDill Specific Primers for Detecting DNA Fragments of Various Non-Halal Animals Using the PCR Method to Support the Implementation of Law no. 33 of 2014 concerning Halal Product Guarantee. HPU 110 million IDR 5. Chitosan Nanocomposite Engineering as a Basic Material for Fresh and Processed Egg Packaging Hibah Doktor 48,5 million IDR |
| Patents and proprietary rights | Process Of Making Protein Concentrate Materials Of Cow Bread Raw Books; Edible Film Protein Whey. 2017 Animal Food Proteins and Its Applications. 2018 |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Manab, A., Sawitri, M.E., Al Awwaly, K.U., Widati, A.S., Haniyah, Y.S. (2016). Antibacterial and physical properties of composite edible film containing modified lysozyme and sodium cyanoborohydrate. <i>International Journal of ChemTech Research</i>this link is disabled, 9(4), pp. 421–430. http://repository.mapena.ac.id/22/ 2. Purwanto, H., Fauzi, M., Wijayanti, R., Al Awwaly, K.U., Hartuti, E.T.K., Jasmani. (2020). Developing model of halal food purchase intention among indonesian non-muslim consumers: An explanatory sequential mixed methods research. <i>Systematic Reviews in Pharmacy</i>this link is disabled, 11(10), pp. 396–407. https://www.semanticscholar.org/paper/Developing-Model-of-Halal-Food-Purchase-Intention-Purwanto-Fauzi/c89f61e8c2f16a133b8eca1dabf37370736b62df |

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| Scientific Activities | <p>1. Evaluation on Antioxidant Activity of Beef Liver Protein Hydrolysates. 1st International Conference on Biodiversity, Food Security, and Health Festival. 22-23 November 2016. UGM</p> <p>2. Evaluation of <i>mt-DNA</i> Species Specific Primer <i>COI</i> (<i>Cytochrome C Oxidase subunit 1</i>) and <i>12S rRNA</i> to Detect Dog DNA Fragment. International Conference on Environmentally Sustainable Animal Industry (ICESAI) 2020. 18-20 November 2020. UB</p> <p>3. Extraction of chicken head proteins and evaluation of their functional properties. International Conference on Environmentally Sustainable Animal Industry (ICESAI) 2020. 18-20 November 2020</p> |
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| Name | Dr.Ir. KUSWATI, MS., IPM., ASEAN Eng. |
| Position | Associate Professor of Animal Production |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1986 Doctorate (Animal Science) Universitas Brawijaya 2014 Undergraduate degree (Animal Science) Universitas Brawijaya 2012 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Study Diversity of Growth Hormone Genes (Somatostatin & Leptin) in Madura Cattle. Hibah Doktor 2020 Grant: 50 million IDR 2. Morphometric Characteristics of Madura Cattle Type Sonok Sub-Population Papabaru with Principal Component Analysis Approach. Hibah Doktor 2019 50 million IDR 3. Genetic Diversity Peranakan Ongole Cattle base on Morphology and Microsatellite loci. Dikti 2018 Grant: 130 million IDR |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Ilmu dan Manajemen Produksi Ternak Pedaging (2020) Book 2. Budidaya Kambing dan Domba (2019) Book 3) Book |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Kusumawati, E.D., Isnaini, N., Rahayu, S., Yekti, A.P.A., Luthfi, M., Affandhy, L., Pamungkas, D., Kuswati, Ridhowi, A., Sudarwati, H. and Susilawati, T. (2017). The Spermatozoa Quality of Semen Sexing of The Filial Ongole Cattle Using Percoll Density Gradient Centrifugaron Method. Asian Journal of Microbiology, Biotechnology and Environmental Sciences, 19 (1): 189-199. https://www.researchgate.net/publication/318583448_The_spermatozoa_quality_of_semen_sexing_of_the_Filial_Ongole_Cattle_using_percoll_density_gradient_centrifugaron_method 2. Susilawati, T., Ratnawati, D., Isnaini, N., Kuswati and Yekti, A.P.A. (2018). Character of Liquid Semen Motility in Various Diluents on Balinese Cattle during Cold Storage. Asian Journal of Microbiology, Biotechnology and Environmental Sciences, 20 (1): 166-172. https://www.researchgate.net/publication/324693375_Character_of_liquid_semen_motility_in_various_diluents_on_Balinese_cattle_during_cold_storage 3. Jaya, F., Thohari, I., Kuswati, Susilorini, T.E. and Asmara, D.R. (2019). Microbiological Properties of Preparing Facial Mask Cream from Goat Milk Kefir. IOP Conference |

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| | <p>Series: EES, 230: 012105. https://www.researchgate.net/publication/331208501_Microbiological_properties_of_preparing_facial_mask_cream_from_goat_milk_kefir</p> <p>4. Kusumawati, E.D., Isnaini, N., Yekti, A.P.A., Luthfi, M., Affandhy, L., Pamungkas, D., Kuswati, Ridhowi, A., Sudarwati, H., Rahadi, S., Rahayu, S. and Susilawati, T. (2019). The Motility and Ratio of X And Y Sperm Filial Ongole Cattle using Different Sexed Semen Methods. American Journal of Animal and Veterinary Sciences, 14 (2): 111-114. https://thescipub.com/abstract/10.3844/ajavsp.2019.11.114</p> <p>1. Susilawati, T., Sholikah, N., Wahjuningsih, S., Herwiyanti, E., Kuswati and Yekti, A.P.A. (2020). Relationship of Scrotal Circumference with Spermatozoa Production in Various Breed of Indonesian Local Bulls. American Journal of Animal and Veterinary Sciences, 15 (2): 102-107. https://www.researchgate.net/publication/342462270_Relationship_of_Scrotal_Circumference_with_Spermatzoa_Production_in_Various_Breed_of_Indonesian Local Bulls</p> |
| Scientific Activities | <p>1. Phenotype of Sonok Type in Madura Cattle Breeding Development Area, Pasean District, Pamekasan Regency, Madura Island. The 4th APIS 2019</p> <p>2. A Single Nucleotide Polymorphism (SNP) c.20G> A in Somatostatin Gene (SST/BRL) on Madura Cattle. The 3rd International Conference of Animal Science and Tecnology (ICAST III). 3 November 2020</p> <p>3. Helminthiasis Identification of Dairy Cows in Krisil Vilage of Bliatr District Using Sidimentation and Whitlock Method. The 1st International Conference on Innovation and Technology Malang. 2019</p> <p>4. Carcass Characteristic of Bali Bull on Difference Age. 6th SAADC Internasional Conference on Sustainable Animal Agricultural for Developing Countries. 16-19 Oktober 2017 Malang</p> |

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| Name | Dr. Ir. MANIK EIRRY SAWITRI, MS. |
| Position | Associate Professor of Animal Product Technology |
| Academic career | <ol style="list-style-type: none"> 1. Lecturer Faculty of Animal Science, Universitas Brawijaya 1986 2. Doctorate (Animal Science, Universitas Brawijaya 2018 3. Undergraduate degree (Animal Science), Universitas Udayana, Bali 1984 |
| Research and development projects over the last 5 years | Stability of Nano Casein, Catechin, Cocoa peeling Skimmed Milk Powder. Penelitian Unggulan PT. Grant: 100 million IDR |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Formula and Process of Making Extract Soy Milk Tofu 2. Extraction of Cocoa peel Catechins Using the Mae Method (Microwave Assisted Extraction) 3. Manab, A., Sawitri, E.R., Al Awwaly, K.U., (2018). Edible Film Proterin Whey (Penambahan Lisozim Telur dan Aplikasi di Keju). Malang: UB Press |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Manab, A., Sawitri, M.E., Al Awwaly, K.U., Widati, A.S. and Haniyah, Y.S. (2016). Antibacterial and Physical Properties of Composite Edible Film Containing Modified Lysozyme and Sodium Cyanoborohydrate. International Journal of ChemTech Research,9(4): 421–430. http://repository.mapena.ac.id/22/ 2. Andriani, R.D., Rahayu, P.P., Apriliyani, M.W., Sawitri, M.E., Manab, A. and Azkarahman, A.R. (2020). Anti-Obesity Effect of Yoghurt Synbiotic in High Fat Diet Induced Wistar Rats. IOP Conference Series: EES, 478: 012052. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012052/meta 3. Apriliyani, M.W., Rahayu, P.P., Andriani, R.D., Sawitri, M.E. and Utama, D.T. (2020). Characteristics of Casein-Chitosan Edible Coating and Its Preservative Effect in Meat during Accelerated Storage. IOP Conference Series: EES, 478: 012060. https://www.researchgate.net/publication/341979121_Characteristics_of_Casein-Chitosan_Edible_Coating_and_Its_Preservative_Effect_in_Meat_during_Accelerated_Storage 4. Sawitri, M.E., Padaga, M.C. and Manab, A. (2020). Physicochemical and Microbiological Characteristics of Fermented Synbiotic Milk Enriched with Inulin at Room Temperature as Functional Drinking Products. IOP Conference Series: EES, 478: 012043. https://www.researchgate.net/publication/341978823_Physicochemical_and_Microbiological_Characteristics_of_Fermented_Synbiotic_Milk_Enriched_with_Inulin_at_Room_Temperature_as_Functional_Drinking_Products |
| Scientific Activities | <ol style="list-style-type: none"> 1. Physical Quality and Microstructure of Prebiotic Fermented Milk to Support a Healthy Lifestyle. The 4th APIS 2019. Malang, 2019. 2. Physical Characteristics of Synbiotic Fermented Milk |

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| | Enriched with Inulin at Room Temperature as Functional Drinking Products. The 4 th APIS 2019. Malang, 2019. |
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| Name | Dr. Ir. MARJUKI, M.Sc. |
| Position | Assistant Professor of Ruminant Nutrition |
| Academic career | <ol style="list-style-type: none"> 1. Ass. Professor Faculty of Animal Science, Universitas Brawijaya Lecturer Faculty of Animal Science, Universitas Brawijaya, 1989 2. Doctorate (Animal Science), Universitas Brawijaya, 2007 3. Master's degree (Animal Science), Wageningen Agric. Univ., 1993 4. Undergraduate degree (Animal Science), Universitas Brawijaya, 1988 |
| Research and development projects over the last 5 years | EVALUATION OF RUMINANT FEED BASED ON CORN SILAGE WITH DIFFERENT ENERGY AND PROTEIN BALANCES IN VITRO. 2020. Grants: 100 Million IDR |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Susilawati, T., Kuswati, Rahayu, S., Sudarwati, H., Marjuki, Yekti, A.P.A. and Udrayana, S. (2017). Quality of Ongole Bull Sperm After Storage in CEP-2 Extender Containing Different Extracellular Cryoprotectans. Asian Journal of Microbiology, Biotechnology and Environmental Sciences, 19 (2): 268–273. http://www.envirobiotechjournals.com/article_abstract.php?aid=7751&iid=228&jid=1 2. Lawa, E.D.W., Marjuki, Hartutik and Chuzaemi, S. (2017). Effect of White Kabesak (Acacia leucophloea roxb) Leaves Level in the Diet on Feed Intake and Body Weight Gain of Kacang Goat. Journal of the Indonesian Tropical Animal Agriculture, 42 (4): 255–262. https://ejournal.undip.ac.id/index.php/jitaa/article/view/15262 3. Fatyanosa, T.N., Mahmudy, W.F. and Marjuki. (2018). A Comparison of Four Types of Evolution Strategies for Beef Cattle Feed Optimization. Journal of Telecommunication, Electronic and Computer Engineering, 10 (1-8): 165–171. https://jtec.utem.edu.my/jtec/article/view/3755 4. Fatyanosa, T.N., Mahmudy, W.F. and Marjuki. (2019). Hybrid Modified Evolution Strategies and Linear Programming for Beef Cattle Feed Optimization. International Journal on Electrical Engineering and Informatics, 11 (1): 223–235. https://www.researchgate.net/publication/333219766_Hybrid_Modified_Evolution_Strategies_and_Linear_Programming_for_Beef_Cattle_Feed_Optimization 5. Marjuki, M., Andri, F. and Huda, A.N. (2020). The Use of Essential Oils as A Growth Promoter for Small Ruminants: A Systematic Review and Meta-Analysis. F1000Research, 9: 486. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7331101/ |

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| | <p>6. Hartutik and Marjuki. (2020). White Kabesak (Acacia leucophloea roxb) Leaves Utilization in Concentrate on Fermentation Products and In Vitro Gas Production. Journal of Tropical Life Science, 10 (3): 235–241. https://jtrolis.ub.ac.id/index.php/jtrolis/article/view/1381</p> <p>7. Ndaru, P.H., Huda, A.N., Marjuki, Ndaru, R.K. and Kusmartono. (2020). Providing High Quality Forages with Hydroponic Fodder System. IOP Conference Series: EES, 478: 012054. https://www.researchgate.net/publication/341979332_Providing_High_Quality_Forages_with_Hydroponic_Fodder_System</p> <p>8. Jaliyah, A.K., Subagiyo, I., Chuzaemi, S. and Marjuki. (2020). Germination of Seven Different Sorghum Varieties for Hydroponic Sorghum Forage Production as Feed. IOP Conference Series: EES, 478: 012057. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012057</p> |
| Scientific Activities | In Vitro Digestibility and NH3 Concentration Rice Straw Based on Complete Feed Silage With Inclusion Various Legumes. The Sixth International Conference Sustainable Animal Agricultural for Developing Countries 2017, Batu, Malang, Indonesia. |

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| Name | Dr.Ir. MASHUDI, M.Agr.Sc., IPM., ASEAN Eng. |
| Position | Associate Professor of Nutrition and Animal Feed |
| Academic career | <ol style="list-style-type: none"> 1. Lecturer Faculty of Animal Science, Universitas Brawijaya 1988 2. Doctorate (Animal Science), Brawijaya University 2014 3. Master's Degree (Ruminant Nutrition), Massey University Palmerston North New Zealand 1996 4. Undergraduate degree (Livestock production), Bogor Agricultural Institute 1985 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. The Effect of Associative Effects of Feed Ingredients on the Efficiency of Protein Use (2020). Hibah Penelitian Guru Besar Tahun 2020. Grant: 100 million IDR 2. The Effect of Myristic Acid Supplementation and Potassium Flour as a Source of Tannin Condens in Corn Straw-Based Complete Feed on Fermentation and Defaunation Characteristics in the Rumen (2020). Hibah Penelitian Guru Besar Tahun 2020. Grant: 100 million IDR 3. Analysis of the Nutritional Status of Madura Cattle in Pamekasan Regency People's Farms and Animal Husbandry and Animal Breeding Unit in Madura, Animal Husbandry Service of East Java Province (2020). HPP UB Tahun 2020. Grant: 27 million IDR 4. The Effect of Addition of Fatty Acid to Ruminant Animal Feed with Different Ratios as Efforts to Reduce CH₄ Gas Production (2020). HPP UB Tahun 2020. Grant: 21 million IDR 5. Evaluation of Ruminant Feed Based on Corn Tebon Silage With Energy Balances and 13 Different Proteins In Vitro (2020). Hibah Penelitian Guru Besar Tahun 2020. Grant : 100 million IDR |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Feed Industry Guide Module Pasture Cultivation 2. Practicum Instructions Module for Science and Feed Material Processing 3. Developing Sustainable Livestock Production by Feed Adequacy Map: A Case Study in Pasuruan Indonesia 4. Animal Feed Material Processing Technology 5. Ruminant Nutrition |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Parwati, R., Mashudi, M., Budiarto, A., Suyadi, S. and Kurnianto, A.S. (2018). Developing Sustainable Livestock Production by Feed Adequacy Map: A case study in Pasuruan. Indonesia Tropical Animal Science Journal, 41 (1): 67-76. https://journal.ipb.ac.id/index.php/tasi/article/view/20954 2. Maylinda, S., Iriany, A., Mashudi, M. And Mulyanto, A. (2019). Analysis of Feed Carrying Capacity for Ruminant livestock in Madura Island, Indonesia. Journal of Rangeland Science, 9 (3): 313-318. http://www.rangeland.ir/article_544498.html 3. Mashudi, M., Kusuma, Z., Soemarno, S. and Prijono, S. |

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| | <p>(2019). Role of Cajuput Waste Compost Against the Physical Quality of Sandy Soil. <i>Journal of Degraded and Mining Lands Management</i>, 6 (4): 1837-1846. https://jdmlm.ub.ac.id/index.php/jdmlm/article/view/554</p> <p>4. Retnaningrum, S., Kusmartono, Mashudi, Harper, K.J. and Poppi, D. (2020). Effect of Using Different Levels of Cassava Meal on Nutrient Intake, Fiber Digestibility and Body Condition Score in Crossbred Limousin Bulls. <i>IOP Conference Series: EES</i>, 478: 012065. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012065</p> <p>5. Muchlas, M., Chuzaemi, S. and Mashudi. (2020). Evaluation of Chemical Composition and Lipid Components in Maize Straw based Complete Feed Diets Supplemented by Condensed Tannin and Myristic Acid. <i>IOP Conference Series: MSE</i>, 811-012025. https://iopscience.iop.org/article/10.1088/1757-899X/811/1/012025</p> <p>6. Muchlas, M., Chuzaemi, S. and Mashudi. (2020). Evaluation of Nutrient Content and In-Vitro Gas Production of Complete Feed Based on Corn Stover (Zea mays) Supplemented by Mimosa Powder and Myristic Acid. <i>Livestock and Animal Research Journal</i>, 18 (2): 191-199. DOI: https://doi.org/10.20961/lar.v18i2.42998.</p> <p>7. Huda, A.N., Mashudi, M., Nuningtyas, F. And Ndaru, P.H. (2020). Introduction of Appropriate Technology to Improve the Quality of Local Goat Feed in Margomulyo Village, Panggungrejo District, Blitar Regency. <i>Journal of Tropical Animal Nutrition</i>, 3 (1): 7-13 https://www.researchgate.net/publication/340648417_Introduksi_Teknologi_Tepat_Guna_untuk_Meningkatkan_Kualitas_Pakan_Kambing_Lokal_di_Desa_Margomulyo_Kecamatan_Panggungrejo_Kabupaten_Blitar</p> <p>8. Chuzaemi, S., Mashudi, M., Eryantristan, H. and Huda, A.N. (2020). Effect of Pollard and Soybean Meal Protected with Condensed Tannin in Concentrate on In Vitro Gas Production. <i>Journal Earth and Environmental Science</i>, 1: 1-5. https://www.researchgate.net/publication/341979419_Effect_of_Pollard_and_Soybean_Meal_Protected_with_Condensed_Tannin_in_Concentrate_on_In_Vitro_Gas_Production</p> |
| Scientific Activities | <p>1. Evaluation of Edamame Husk Silage Using In Vitro Gas Production Method. APIS 2016. Malang, 29 Agust- 1 Sept, 2016</p> <p>2. Effect of a mixture of jackfruit peel (<i>artocarpus heterophyllus</i>) and manure fermented using <i>aspergillus oryzae</i> on nh_3 and vfa concentration and estimated me, ne, omd and mp value in vitro. INTERNATIONAL CONFERENCE 6th SAADC 2017 Conference on Sustainable Animal 2017.</p> |

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| | <p>Malang, 6 -19 OKTOBER 2017</p> <p>3. The effect of fermentation of mix of Elephant grass (<i>Pennisetum purpureum</i>, L.) waste and sludge with different ratio on in vitro digestibility and gas production. (ANGGOTA). INTERNATIONAL CONFERENCE 6th SAADC 2017 Conference on Sustainable Animal, Malang. 6 -19 OKTOBER 2017</p> <p>4. The effect of substituting dwarf elephant grass (<i>pennisetum purpureum</i> cv. Mott) with dried cassava peel on in vitro gas production, 2digestibility, ammonia, microbial biomass and efficiency of microbial protein synthesis. The 11th International Animal Science Conference Cappadocia. Turkey, Cappadocia Turkey. 20-22 Oktober 2019</p> |
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| Name | Dr.Ir. UMI WISAPTININGSIH SUWANDI, MS. |
| Position | Associate Professor of Livestock Socioeconomic |
| Academic career | <ol style="list-style-type: none"> 1. Lecturer Faculty of Animal Science, Universitas Brawijaya 1981 2. Doctorate (Livestock Agribusiness), Brawijaya University 2016 3. Master's Degree (Agricultural economy), Gadjah Mada University 1985 4. Undergraduate degree (Livestock), Gadjah Mada University 1979 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Contribution of the Partnership in reducing the risk of production and marketing risk in broiler agribusiness in Mojokerto Regency (2016). BOPTN 2016. Grant: 26 million IDR 2. Supply chain for Joper chickens in the village of Wagir, Malang Regency (2017), BOPTN 2017. Grant: 26 million IDR 3. Sustainable development of smallholder dairy cattle farmers through an integrated farming system in Nongkojajar (2018), Dikti 2018. Grant: 50 million IDR |
| Patents and proprietary rights | |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Ningsih, U.W., Hartono, B., Nugroho, B.A. and Utami, H.D. (2016). Analysis of Technical, Allocative and Economical Efficiency in Small Beef Cattle Farming: (A Case Study in Tumpang Sub-district, Malang Regency). International Journal of Economic Research. https://www.researchgate.net/publication/305246681_Analysis_of_technical_allocative_and_economical_efficiency_in_small_beef_cattle_farming_A_Case_Study_in_Tumpang_Sub-district_Malang_Regency 2. Putritamara, J. A., Azizah, S. and Ningsih, U. W. (2020). Rebranding Model of Dairy Cattle Agro Tourism in Malang Indonesia. <i>Technium Social Sciences Journal</i>, 12, 113-125. https://www.techniumscience.com/index.php/socialsciences/article/view/1704 |
| Scientific Activities | Marketing Analysis Business of Cattle through margin nalysis, price transmision marketing structure, marketing counduct and marketing performance. National Conference Malang. 2016. |
| Name | Dr.Ir. MUHARLIEN, MP. |
| Position | Associate Professor of Animal Production |

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| Academic career | <ol style="list-style-type: none"> 1. Lecturer Faculty of Animal Science, Universitas Brawijaya 1986 2. Doctorate (Animal Science), Universitas Brawijaya 2016 3. Master degree (Animal Science), Universitas Gadjah Mada 1995 4. Undergraduate degree (Animal Science), Universitas Brawijaya 1982 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. The effects of using clove essential oil, fish oil, and tomato flour on the production and reproduction performance of Mojosari ducks, BOPTN 2017. Grant: 30 million IDR 2. Strengthening Management in the context of increasing cooperation and product downstream, Hibah Penguatan Kelompok Kajian UB 2017. Grant: 75 million IDR 3. Evaluation of microclimate and broiler performance on maintenance of the open house and close house systems, Hibah Doktor 2020. Grant: 50 million IDR 4. Evaluation of additive boosters in broilers with different DOC weights in closed house maintenance, Hibah Doktor 2021. Grant: 49 million IDR |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Sudjarwo, E., Muharlién, Hamiyanti, A.A., Prayogo, H.S., Yulianti, D.L. (2019). Manajemen Produksi Ternak Unggas. Malang: UB Press |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Muharlién, Sjoftjan, O., Nurgiartiningsih, V.M.A. and Suyadi. (2016). Effect of Papaya Leaves in Feed on The Immunity of Silver and Gold Arab Laying-Hens. International Journal of Poultry Science, 15 (7): 254-258. https://scialert.net/abstract/?doi=ijps.2016.254.258 2. Muharlién, Nursita, I.W. and Pangestu, V.M. (2020). The Effect of Feed Protein Level on Feed Consumption, Body Weight Gain and Feed Conversion of Finisher Java Super Male Chicken. IOP Conference Series: EES, 478: 012044. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012044 3. Yulianti, D.L. and Muharlién. (2020). The Effect of Using Natural Feed Additive on Egg Production and Quality of Mojosari Duck (<i>Anas platyrhynchos</i>). IOP Conference Series: EES, 478: 012023. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012023 4. Muharlién, Sudjarwo, E., Yulianti, D.L. and Hamiyanti, A.A. (2020). Microclimate Analysis of Opened House and Closed House in Broiler Rearing. IOP Conference Series: EES, 478: 012078. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012078/pdf |
| Scientific Activities | Effect of Papaya Leaf (<i>Carica papaya</i> L.) on Gold and Silver Arab Chicken Egg Production and Quality. Seminar SAADC, Batu, Jawa Timur Indonesia. |

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| Name | Dr.Ir TRI EKO SUSILORINI, MP., IPM., ASEAN Eng. |
| Position | Associate Professor of Animal Production |
| Academic career | <ol style="list-style-type: none"> 1. Lecturer Faculty of Animal Science, Universitas Brawijaya 1986 2. Doctorate (Animal Science), Universitas Brawijaya 2013 3. Undergraduate degree (Animal Science), Universitas Brawijaya 1983 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Genetic characterization and filogeny of goats in East Java based on microsatellite loci. Hibah Guru Besar 2019. Grant 100 million 2. Characterization of genetic diversity in local Indonesian goats using cytochrome-B. Hibah Guru Besar 2020. Grant: 100 million IDR 3. Genetic Diversity Peranakan Ongole Cattle base on Morfology and Microsatellite loci. Dikti 2018. Grant: 130 million IDR |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Composition and Process of Making Milk Kefir Face Toner. 2019 2. Process of Making and Composition of Goat's Milk Kefir-Based Peel-Off Mask. 2019 3. Process of Making and Composition of Goat Milk Mefir-Based Masks. 2019 4. The process of making and composition of the Goat's Milk Yogurt-Based Lotion. 2019 |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Wicaksono, T., Ciptadi, G. and Susilorini, T. E. (2017). The growth rate of Etawah crossbreed kids fed with different level of cow's milk substitution. <i>Research Journal Of Pharmaceutical Biological And Chemical Sciences</i>, 8(5), 44-48. https://www.rjpbcs.com/pdf/2017_8(5)/[7].pdf 2. Susilorini, T. E., Kuswati, K. and Maylinda, S. (2018). The Effects of Non-Genetic Factors on The Birth Weight, Litter Size and Pre-Weaning Survive Ability of Etawah Cross-Breed Goats in The Breeding Village Center in Ampelgading District. <i>Research Journal of Life Science</i>, 4(3), 184-189. https://rjls.ub.ac.id/index.php/rjls/article/view/166 3. Suyadi and Susilorini, T.E. (2019). Induction of Estrus by Laser Puncture Exposure in Etawah Crossbred Does with the Anestrus Post-Partum Problems at Different Parities. IOP Conference Series: EES, 387: 012086. https://iopscience.iop.org/article/10.1088/1755-1315/387/1/012086 5. Jaya, F., Thohari, I., Kuswati, Susilorini, T.E. and Asmara, D.R. (2019). Microbiological Properties of Preparing Facial Mask Cream from Goat Milk Kefir. IOP Conference Series: EES, 230: 012105. https://www.researchgate.net/publication/331208501_Microbiological_properties_of_preparing_facial_mask_cream_from_goat_milk_kefir 4. Suyadi, S., Septian, W.A., Furqon, A., Susilorini, T.E. and Nasich, M. (2019). Reproduction Index of Kacang Goat Dam Reared under Closed Population in Buduran Sub-District, |

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| | <p>Sidoarjo Regency, East Java, Indonesia. IOP Conference Series: EES, 391: 012007. https://iopscience.iop.org/article/10.1088/1755-1315/391/1/012007</p> <p>5. Susilorini, T.E., P.P. Wulan and Suyadi, S. (2019). Dairy Breeding Management: The Effect of Body Weight on Conception Rate of Yearling Heifer with PGF2 Induced Estrus Following Artificial Insemination. IOP Conference Series: EES, 372:012034. https://www.researchgate.net/publication/337097117_Dairy_Breeding_Management_the_Effect_of_Body_Weight_on_Conception_Rate_of_Yearling_Heifer_with_PGF2a_Induced_Estrus_Following_Artificial_Insemination</p> <p>6. Susilorini, T.E., Furqon, A., Ridhowi, A., Murthadho, A., Putra, N.D. and Palayakun, J. (2020). Phenotypic characteristic of Doe Senduro Goat in Senduro Sub District, Lumajang Regency. IOP Conference Series: EES, 478: 012092. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012092</p> |
| Scientific Activities | <p>Electrical Conductivity of Milk: Measurement and Analysis of Mastitis Detection Performance on Dairy Cattle. International Conference on Environmentally Sustainable Animal Industry (ICESAI) 2020. Malang, 18-19 November 2020.</p> |

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| Name | Dr. Ir. PRIYO SUGENG WINARTO, M.A. |
| Position | Assistant Professor of Livestock Socioeconomic |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1988 Doctorate (Animal Science, Livestock Agribusiness) Universitas Brawijaya 2020 Master's Degree (Development Studies, Agricultural and Rural Development) Institute of Social Studies, The Hague, The Netherlands 1992 Undergraduate degree (Nutrition and Animal Feed) Universitas Brawijaya 1986 |
| Research and development projects over the last 5 years | 1. Improving the Genetic Quality of Madura Cattle through Recording and Performance Testing at UPT Madura and the Seed Source Area (2020) |
| Patents and proprietary rights | |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Siswijono, S.B., Winarto, P.S., Prafitri, R. Strategy for Improving Production Performance and Preservation of Madura Cattle. IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012072. https://www.researchgate.net/publication/341978639_Strategy_for_Improving_Production_Performance_and_Preservation_of_Madura_Cattle 2. Prafitri, Rizki, <u>Winarto, Priyo Sugeng</u>, <u>Yekti, Aulia Puspita Anugra</u>, <u>Susilawati, Trinil</u>, <u>Kuswati, Kuswati</u>. Evaluation of adoption rate of frozen sexed semen artificial insemination technology adoption in Palang Village, Tuban Regency, East Java. 2021 Indonesian Journal of Animal Science. 31(1): 74-83. https://jiip.ub.ac.id/index.php/jiip/article/view/918/pdf 3. Hariyati, Y., Soeparjono, S., Setiyono, S., & Sugeng Winarto, P. 2020. Presepsi Masyarakat Tengger tentang Kemanfaatan Etnobotani sebagai Obat Herbal. <i>Jurnal Ilmu Pertanian Indonesia</i>, 25(3), 440-448. https://doi.org/10.18343/jipi.25.3.440 4. Eko Nugroho, Priyo Sugeng Winarto, Rizki Prafitri, Anie Eka Kusumastuti & Bambang Ali Nugroho. 2015. Insight into broiler development in East Java. Proceeding of The 5th International Conference of Sustainable Animal Agriculture for Developing Countries. https://www.researchgate.net/profile/Eko-Nugroho-6/publication/301339634_Insight_into_broiler_development_in_East_Java/links/571285ca08aeff315ba0d671/Insight-into-broiler-development-in-East-Java.pdf#page=705 |

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| Scientific Activities | 1. Insight into broiler development in East Java. The 5 th International Conference of Sustainable Animal Agriculture for Developing Countries |
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| Name | Dr. IR. SITI NURUL KAMALIYAH, MP. |
| Position | Assistant Professor of Animal Nutrition |
| Academic career | Asst. Professor, Faculty of Animal Science, Universitas Brawijaya Lecturer, Faculty of Animal Science, Universitas Brawijaya, 1988 Doctorate (Animal Nutrition), Universitas Brawijaya, 2020 Master (Animal Science), University of Melbourne, Australia 1992 Undergraduate degree (Animal Science), Universitas Brawijaya, 1981 |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Siti Nurul Kamaliyah, Ifar Subagiyo, Kusmartono, Siti Chuzaemi. 2019. Effect of cutting interval and cutting methods on <i>Adenanthera pavonina</i> L. annual forage yield. <i>Journal of Global Biosciences</i>. 8(12): 6642-6654. https://www.mutagens.co.in/jgb/vol.08/12/081205.pdf 2. D Piastuti, SN Kamaliyah, HE Sulistyono - <i>Jurnal Nutrisi Ternak Tropis</i>, 2021. Forage Selection Opportunities Through Genetic Diversity and Quantitative Character Heritability of Production of <i>Komak</i> (<i>Lablab purpureus</i>). 4(2): 117-123. https://jnt.ub.ac.id/index.php/jnt/article/view/95/63 3. MF Hija, M Junus, SN Kamaliyah - <i>Jurnal Dinamika Penelitian Industri</i>, 2021. The Effect of Effective Microorganism 4 (EM4) Addition and Composting Time on Quality Of Organic Fertilizer Made From Goat Feces And Paitan Leaves (<i>Tithonia diversifolia</i>). <i>Jurnal Dinamika Penelitian Industri</i>. 32(1): 85-94. http://ejournal.kemenperin.go.id/dpi/article/view/6846/pdf_1_09 4. Hanief Eko Sulistyono, Siti Nurul Kamaliyah, Imam Tatang Mustofa. 2021. Genotypic Variation of <i>Centro Indigenus</i> (<i>Centrosema pubescens</i>) plants as animal feed. <i>Jurnal Nutrisi Ternak Tropis</i>. 4(1): 32-39. https://jnt.ub.ac.id/index.php/jnt/article/view/81 |
| Scientific Activities | |

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| Name | Dr.Siti Azizah,SPT.MSos.M.Commun |
| Position | Associate Professor of Livestock Socioeconomic |
| Academic career | <p>Doctorate (Communication of Development) Universitas Brawijaya 2010-2014</p> <p>Master's Degree (Communication for Rural and Regional Development) University of Queensland 2005-2006 Masters' Degree (Sociology of development) Universitas Brawijaya 2002 - 2004</p> <p>Undergraduate Degree (Animal) Universitas Brawijaya 1993-1997</p> |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Empowerment of small-scale broiler breeders with a contract farming system through increased stakeholder commitment. Penelitian Unggulan Dikti Tahun 2013. Grant : 50 million IDR 2. Equality and Gender Equality in Nganjuk Regency Government. SCBD Project Tahun 2010. Grant : 20 million IDR 3. Empowerment of smallholder goat breeders through a series of counseling on goat rearing management in Benjor Village, Tumpang District. 2019. Research Grant: 10 million IDR 4. Business Development Strategy for Local Goat Development in Malang Regency. 2019. Research Grant: 40 million IDR 5. Advocacy for Vulnerable People at CSV Pt Nestle Indonesia. 2020. Research Grant: 28,2 million IDR 6. Collaborative Forest Management Through Mapping The Supporting Capacity Of Green Feed And Social Capital Before Farmers In The Support Area Of Baluran National Park In Karang Tekok Village, Situbondo Regency. 2021. Research Grant: 40 million IDR |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Book of Life Aspect of Small Farmers 2. Comparison of Agricultural Extension System: When and How to Use Them |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Azizah, S., Kusumastuti, A.E., Tyapradana, D.O. Semi-natural breeding program as an effort to increase the amount of population and conservation of Javanese bull's germplasm (<i>Bos javanicus</i>) in Baluran National Park. Asian Journal of Microbiology, Biotechnology and Environmental Sciences, 2018, 20, pp. S1–S8 http://www.envirobiotechjournals.com/article_abstract.php?id=8440&iid=243&jid=1 2. Gapsari, F., Setyarini, P.H., Anam, K., Azizah, S., Yuliati, R. The effect of hot dip galvanizing temperature to corrosion rate of steel as the material for chopper machine. Solid State Phenomena, 2019, 291, pp. 148–154 https://www.scientific.net/SSP.291.148 3. Azizah, S., Meilani, S., Kuswati, Program Analysis of Rural Farmer School in Ngantru Village, Bojonegoro Regency. IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012069. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012069 4. Putritamara, J.A., Azizah, S., Sari, N.P. Social Network Analysis of |

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| | <p>Beef Cattle Business. IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012061. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012061</p> |
| Scientific Activities | <ol style="list-style-type: none"> 1. Lifelong Learning Education for Farmers. Webinar Internasional "Agricultural Extension 4.0; Polbangtan Malang. 2. Program analysis of rural farmer school (SPR) to improve farmer resources. The 4th APIS 2019 |

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| Name | Dr. Drh. ROSITAWATI INDRATI, M.P. |
| Position | Assistant Professor in Livestock Production |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1986 Doctorate (Animal Science) Universitas Brawijaya 2019 Master degree (Animal Science) Universitas Padjadjaran 1993 Undergraduate degree (Parasitology) Universitas Airlangga 1984 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Potential of Sambiloto Leaf Andrographolide Immunomodulator (<i>Andrographis paniculata</i> Nees) Against GIT Nematode Infestation and Ettawah Cross- breed Goat Production, BPPS-DIKTI 2017. 2. Merino Sheep Genetic Improvement through IB Technology Using Merino Stud and Feed Processing in Jombang. Dikti Grant: 40 million IDR |
| Patents and proprietary rights | <ol style="list-style-type: none"> 1. Composition of Ca-Cx Herbal Supplement Caplets Temu ireng (<i>Curcuma aeruginosa</i>) and (<i>Curcuma xanthorrhiza</i>) 2. The Process of Making Curcuma aeruginosa, Roxb- Curcuma xanthorrhiza, L and Multivitamins Extract Caplets 2016 |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Indrati, R., Ihsan, N., Sofjan, O., Suyadi, S. Ethanol extraction of Sambiloto leaves (<i>Andrographis paniculata</i> Nees) and evaluation of its immunomodulatory activity towards gastrointestinal nematode infestation in Ettawah crossbred goats. Livestock Research for Rural Development, 2019, 31(12). http://www.lrrd.org/lrrd31/12/rosit31191.html 2. Indrati, R., Titisari, N. The Effectiveness of Phytopharmaca of Ethanol Extract Sambiloto Leaf as an Alternative of Control to Coccidiosis. IOP Conference Series: Earth and Environmental Science, 2020, 478(1), 012083. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012083#:~:text=Conclusion%2C%20Ethanol%20extract%20of%20Sambiloto,75.15%25%20in%20Ettawah%20Cross%20breed%20Goats. |
| Scientific Activities | <ol style="list-style-type: none"> 1. The Effectiveness of Phytopharmacy of Ethanol Extract sambiloto Leaf as an Alternative of Control to Coccidiosis. In The 4th Animal Production International Seminar (4th APIS) "Strengthening Research and Networking for Sustainable Animal Production in Era of Industrial Revolution 4.0; Malang - Indonesia |

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| Name | Dr.Ir. SRI MINARTI, MP., IPM., ASEAN Eng. |
| Position | Associate Professor of Animal Production |
| Academic career | Lecturer Faculty of Animal Science, Universitas Brawijaya 1986 Doctorate (Animal Science) Universitas Brawijaya 2007 Undergraduate degree (Animal Science) Universitas Brawijaya 1984 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. The diversity of plant species in producing <i>apis mellifera</i> honey bee propolis in terms of yield, total flavonoids, total phenol and magnesium levels. PNPB 2018. Grant: 26 million IDR 2. Honey bee queen manufacturing technology (<i>apis mellifera</i>) through grafting worker bee larvae inside production optimization Hibah Doktor 2019 Grant: 25 million IDR 3. Colony production performance studies honey bee <i>apis mellifera</i> with the queen which originates from different larvae Hibah Doktor 2020 Grant: 23 million IDR |
| Industry collaborations over the last 5 years | - |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Jaya, H., Rosyidi, D., Radiati, L.E., Minarti, S., Susilo, A., Muslimah, R.H. and Husolli, M. (2020). Antioxidant activity and microbiological quality of bee bread collected from three different species honey bee. IOP Conference Series: Earth and Environmental Science 475(1). https://iopscience.iop.org/article/10.1088/1755-1315/475/1/012033/pdf |
| Scientific Activities | <ol style="list-style-type: none"> 1. Effect of Differences in Queen Cell Size on Body Length, Body Weight and Wing Length Of Queen Bee <i>Apis cerana</i>. The 4th APIS 2019 2. Antioxidant activity and microbiological quality of bee bread collected from three different species honey bee, International Conference on Green Agro-industry and Bioeconomy 26-27 August 2019, Malang East Java Indonesia |

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| Name | Dr.Ir.Eko Widodo,M.Agr.St.MSc |
| Position | Associate Professor of Nutrition and Animal Feed |
| Academic career | <p>Doctorate (Nutritional Physiology of Poultry) Fac. Agriculture Gifu Uni Japan 2001-2004</p> <p>Master's Degree (Poultry Nutrition) Fac. Agric&HortSci Massey Uni NZ 1991-1994</p> <p>Undergraduate Degree (Animal Husbandry) Universitas Brawijaya 1982-1987</p> |
| Employment | - |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Evaluation of The Use of Red Betel Extract and Liquid Smoke as Feed Additive For Broilers, Universitas Brawijaya Tahun 2019. Grant: 50 IDR million 2. Evaluation of The Use of Encapsulated Liquid Smoke For Broilers, Universitas Brawijaya Tahun 2020. Grant ; 50 IDR million |
| Industry collaborations over the last 5 years | - |
| Patents and proprietary rights | <p>Patent</p> <ol style="list-style-type: none"> 1. Antibiotik Alami Dari Campuran Acidifier, Bawang Putih Dan Meniran Terenkapsulasi Dan Metode Pembuatannya 2. Campuran Kunyit Dan Jahe Terenkapsulasi Maltodekstrin, Kasein Dan Bht Dengan Oven Gelombang Mikro Untuk Imbuhan Pakan Unggas 3. Pengolahan Biji Asam(Tamarindus Indica L) Sebagai Pakan Lokal Ayam Pedaging <p>Book</p> <ol style="list-style-type: none"> 1. Animal Feed Material Science and Poultry Feed Formulation 2. Poultry Nutrition 3. Animal Feed Industry 4. Poultry Feed Additive as Antibiotic Substitute |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Pratama, D.A.O.A., Permata, F.S., Widodo, E., Fawzi, H.W. (2020). Molecular Study of Diazinon Toxicity Based on Inducible Nitric Oxide Synthase (iNOS) Expression in Hepatocytes and Kidney Histopathology of Rats (<i>Rattus norvegicus</i>). Journal of Physics: Conference Series, 1430(1), 012029. https://www.researchgate.net/publication/338443062_Molecular_Study_of_Diazinon_Toxicity_Based_on_Inducible_Nitric_Oxide_Synthase_iNOS_Expression_in_Hepatocytes_and_Kidney_Histopathology_of_Rats_Rattus_norvegicus 2. Purnama, N.W., Sjojfan, O., Widodo, E. (2020). Effect of Tomato Powder and Sepiolite to Liver Damage in Broiler Chickens Exposed to Aflatoxin. IOP Conference Series: Earth and Environmental Science, 478(1), 012033. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012033#:~:text=The%20lowest%20level%20of |

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| | <p>%20liver,the%20liver%20damage%20in%20broilers.</p> <ol style="list-style-type: none"> 3. Widodo, E. (2020). The Prospective Use of Essential Oil from Herbs as Feed Additive for Laying Poultry: A Review. IOP Conference Series: Earth and Environmental Science, 478(1), 012003. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012003 4. Tistiana, H., Hartutik,, Widodo, E., Djunaedi, I.H. (2020). Effect of Pellet Size in Ration with or without Indigofera sp on New Zealand White Rabbit Performances. IOP Conference Series: Earth and Environmental Science, 478(1), 012048. https://iopscience.iop.org/article/10.1088/1755-1315/478/1/012048 5. Nuningtyas, Y.F., Chang, H.L., Lin, M.J., Widodo, E. (2020). Evaluation of Curcumin as An Additive on Egg Yolk Pigmentation of White Laying Hens. IOP Conference Series: Earth and Environmental Science, 478(1), 012050. https://www.researchgate.net/publication/341978997_Evaluation_of_Curcumin_as_An_Additive_on_Egg_Yolk_Pigmentation_of_White_Laying_Hens 6. Widodo, E., Natsir, M.H., Djunaedi, I.H. (2020). Effect of Several AGP Replacers on Digestibilities of Amino Acid in Mojosari Duck. IOP Conference Series: Earth and Environmental Science, 478(1), 012041. https://www.researchgate.net/publication/341979415_Effect_of_Several_AGP_Replacers_on_Digestibilities_of_Amino_Acid_in_Mojosari_Duck 7. Saleh, E., Suyadi,, Djunaedi, I.H., Widodo, E. (2020). The effect of fermented corn straw as a substitute for rice bran in the ration on the performance of cross breed native chickens. Systematic Reviews in Pharmacy, 11(12), pp. 725–729. https://www.sysrevpharm.org/articles/the-effect-of-fermented-corn-straw-as-a-substitute-for-rice-bran-in-the-ration-on-the-performance-of-cross-breed-native-.pdf |
| Scientific Activities | <ol style="list-style-type: none"> 1. Effect of Several AGP Replacers on Digestibilities of Dry Matter, Crude Protein and Amino Acid in Mojosari Duck. The 4th APIS 2019 2. The Prospective Use of Essential Oil from Herbs as Feed Additive for Laying Poultry: A Review. The 4th APIS 2019 3. Effect of Banana Peel and Papaya Leaf to Partly Substitute Feedstuffs Used in Rabbit Feed On Production Performance. International Conference on Environmentally Sustainable Animal Industry (ICESAI) pada tanggal 18-19 November 2020 4. Impact of Covid-19 toward poultry industry in Indonesia. International Conference on Environmentally Sustainable Animal Industry (ICESAI) pada tanggal 18-19 November 2020 |

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| Name | Dr.Ir. Suprih Bambang S.MS |
| Position | Associate Professor of Livestock Socioeconomic |
| Academic career | Doctorate (Livestock Agribusiness) Universitas Brawijaya 2019 Master's Degree (Rural Sociology) Bogor Agricultural Institute 1992 Undergraduate Degree (Socioeconomic) Universitas Brawijaya 1984 |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> 1. Analysis of The Factors Driving and Inhibiting The Selection of Superior Studs as Sources of frozen Semen AI in Madura. BOPTN UB Tahun 2015. Grant : 52,5 million IDR 2. Strategy for Increasing The Performance of Madura Cattle Production and Preservation. Hibah Doktor UB Tahun 2019. Grant : 50 million IDR 3. Behavior Change and Madura Cattle Production System. Hibah Doktor UB Tahun 2020. Grant : 36 million IDR |
| Patents and proprietary rights | |
| Important publications over the last 5 years | <ol style="list-style-type: none"> 1. Siswijono, S.B., Winarto, P.S., Prafitri, R. (2020). Strategy for Improving Production Performance and Preservation of Madura Cattle. IOP Conference Series: Earth and Environmental Science, 478(1), 012072. https://www.researchgate.net/publication/341978639_Strategy_for_Improving_Production_Performance_and_Preservation_of_Madura_Cattle |
| Scientific Activities | Strategy For Improving Production Performance And Preservation Of Madura Cattle. The 4th APIS 2019 |