

## Staff Handbook

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| Name  | <i>Prof. Ir. Wihandoyo, MS., Ph.D.</i>  |  |                     |
| Post  | <i>Environmental Phisiology</i>   |  |                     |
| Academic career   | <i>Professor (Prof)</i>   | <i>Universitas Gadjah Mada</i>             | <i>2004</i>         |
|   | <i>Doctorate</i>  | <i>Universiti Putra Malaysia, Malaysia</i> | <i>2000</i>         |
|   | <i>Graduate degree</i>  | <i>Universitas Gadjah Mada</i>             | <i>1988</i>         |
|   | <i>Undergraduate degree</i>   | <i>Universitas Gadjah Mada</i>             | <i>1978</i>         |
| Employment  | <i>Professor</i>  | <i>Universitas Gadjah Mada</i>             | <i>2004-present</i> |
|   | <i>Associate Professor</i>  | <i>Universitas Gadjah Mada</i>             | <i>2001-2004</i>    |
|   | <i>Assistant Professor</i>  | <i>Universitas Gadjah Mada</i>             | <i>1987-2001</i>    |
| Research and development projects over the last 5 years | <p><i>Research projects:</i></p> <ol style="list-style-type: none"> <li><i>1. Evaluation of Cinnamon Oil Nano-Particles and Drinking Water Temperature on Antimicrobial Activity and Small Intestine Histomorphology of Broiler Chickens (2020)</i><br/><i>Source of funds: Doctoral Dissertation Research, PTNBH-Kemenristekdikti</i></li> <li><i>2. Screening for Probiotic of Lactic Acid Bacteria Isolated from The Digestive Tract of A Native Aceh Duck (Anas platyrhynchos) (2020)</i><br/><i>Source of funds: PTNBH-Kemenristekdikti</i></li> <li><i>3. Effect of Feed Restriction by Fasting on Production Performance, Intestinal Morphology, and Blood Profile of Broiler Chickens (2020)</i><br/><i>Source of funds: Thematic Grant of the Laboratory of the Faculty of Animal Husbandry UGM</i></li> <li><i>4. Marmelosin in Maja Fruit (Aegle marmelos) as a Mitigation Effort for Ammonia and Flies Pollution on Layers of Excreta in the Tropical Region 2019 Basic Research Leading Universities, Ristekdikti</i></li> <li><i>5. Production of Microencapsulated Probiotics of Indigenous Lactic Acid Bacteria of Free-range Chicken and Its Ability to Improve Immune Response and Intestinal Health of Chickens (2019)</i><br/><i>Source of funds: Leading University Applied Research, Ristekdikti</i></li> <li><i>6. The Use of Indigenous Lactic Acid Bacteria Probiotic Encapsulations After One Day Effects on Production Performance, Intestinal Morphology and Histology of Turkey's Immune Organs (2019)</i><br/><i>Source of funds: Thematic Research Grants for the Faculty of Animal Husbandry UGM</i></li> <li><i>7. Effect of Drinking Water Temperature on Growth Performance, Small Intestine Histomorphology and Stress Levels of Broiler</i></li> </ol> |  |                     |

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|  | <p><i>Chickens (2019)</i></p> <p><i>Source of funds: Postgraduate Grants, Faculty of Animal Science UGM</i></p> <p>8. <i>Production of Probiotic Microencapsulation of Indigenous Lactic Acid Bacteria of Free-range Chicken and Its Ability to Improve Immune Response and Intestinal Health of Chickens (2018)</i></p> <p><i>Source of funds: Leading University Applied Research (PTUPT), Ristekdikti</i></p> <p>9. <i>Study of the Potential of Marmelosin Bioactive Compounds in Maja Fruit (Aegle Marmelos) as an Effort to Mitigate Ammonia Pollution and Flies on laying hens excreta in the tropics (2018)</i></p> <p>10. <i>Growth Performance, Intestinal Health and Immunity Overview of Broiler Chickens in Maintenance with Seven Different Litter Materials (2018)</i></p> <p><i>Source of funds: Thematic Laboratory Grant, Faculty of Animal Science UGM</i></p> <p>11. <i>Development of a Consortium of Microbial Agents for Bioremediation of Laying Chicken Livestock Waste as an Effort for Mitigation of Ammonia Pollution: Isolation and Identification of Nitrate Reducing Denitrification Microbes (Year II) (2017)</i></p> <p><i>Source of funds: PUPT, DIKTI</i></p> <p>12. <i>The Effect of Physical Form of Feed on Production Performance, Intestinal Histomorphology, and Overview of Lactic Acid Bacteria in Broiler Intestine (2017)</i></p> <p><i>Source of funds: Thematic Laboratory Faculty. UGM Farm</i></p> <p>13. <i>The Potential of Marmelosin Bioactive Compounds as Ammonia and Flies Handling in Laying Chicken Excreta in the Tropical Region (2017)</i></p> <p><i>Source of funds: Postgraduate Research Grant Fak. UGM Farm</i></p> <p>14. <i>The Effect of Blue Lighting on Production Performance and Behavior of Broiler Chickens (Member of 7 Researchers) (2016)</i></p> <p><i>Source of funds: Thematic Grant for Laboratory of the Faculty of Animal Husbandry UGM</i></p> <p>15. <i>Effects of Indigenous Probiotic Supplementation of Encapsulated Lactic Acid Bacteria on Production Performance and Histology of Immune Organs in Starter Phase of Turkey (Members of 7 Researchers) (2016)</i></p> <p><i>Source of funds: Postgraduate Research Grant Fak. UGM Farm</i></p> |
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|  | <p><i>Community service over the last 5 years:</i></p> <p>16. <i>Assistance to Village Chicken Farmers in Kuwon Ponjong Hamlet in Producing Jowo Super Chicks (Joper) Using Various Local Males for Enlargement Efforts (2020)</i></p> <p><i>Source of funds: Thematic Grant for Laboratory Service Faculty of Animal Science UGM</i></p> <p>17. <i>Joper Chicken Cultivation and Business (2020)</i></p> <p><i>Source of funds: FAPET UGM</i></p> <p>18. <i>Guiding Kuwon Ponjong Hamlet Breeders to Produce Jowo Super Chicks (Joper) to Overcome Difficulties in Procuring Seeds for Group Members for (2019)</i></p> <p><i>Source of funds: Enlargement Efforts Faculty of Animal Science, Gadjah Mada University and Islamic Boarding School</i></p> <p>19. <i>Skills Improvement of Sido Rukun Duck Farming Group, Bulu Hamlet, Jogotirto Village, Berbah District, Sleman (2019)</i></p> <p><i>Source of funds: Faculty of Animal Science, Gadjah Mada University</i></p> <p>20. <i>Free Lecture Speaker: Farmers, We Serve "Various Poultry" (2019)</i></p> <p><i>Source of funds: Faculty of Animal Science UGM</i></p> <p>21. <i>Training and Assistance for Super Village Chicken Cultivation for Santri and Communities Around the "Baitul Qur'an" Islamic Boarding School, Karangijo Kulon Hamlet, Ponjong Village, Ponjong District, Gunung Kidul Regency (2018)</i></p> <p><i>Source of funds: Thematic Service Grants for the Faculty of Animal Husbandry UGM and Baitul Qur'an Islamic Boarding School</i></p> <p>22. <i>Training and Practice Making Day-old Super Village Chicks (DOC) at the "Cindelaras" Farming Group, Wates Dam Village, Kulon Progo Yogyakarta (2018)</i></p> <p><i>Source of funds: Postgraduate Grant. Faculty of Animal Science UGM</i></p> <p>23. <i>Laying Poultry "Maintenance and Cage". Free Lecture Materials For You Our Breeders Serve (2018)</i></p> <p><i>Source of funds: Faculty of Animal Science UGM</i></p> <p>24. <i>Business Assistance for Super Kampung Chicken Gaduhan with Model Displayed After Two Weeks of Age to Reduce Feed Costs in the Ngudi Mulya Farmer Group Gobeh Hamlet, Bendungan Village, Semin District, Gunung Kidul Regency (2017)</i></p> <p><i>Source of funds: Thematic Grant Laboratory Fak. UGM Farm</i></p> |
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|   | <p>25. <i>Bio-Fermentation Technology with Local Raw Materials as Deodorizing Agent for Cattle Cage and Its Application in the Composting Process (2017)</i></p> <p>Source of funds: Postgraduate Grant Fak. UGM Farm</p> <p>26. <i>Skills Training for Raising Super Village Chickens for Individual Orphanage Children at the "Bina Insani" Orphanage, Sombangan Hamlet, Sumbersari Moyudan Village, Sleman Yogyakarta (2017)</i></p> <p>Source of funds: Postgraduate Grant Fak. UGM Farm</p> <p>27. <i>Raising Kampung Jawa Super Models of Return on Capital without Interest in Tunas Karya Group, Dusun Danen, Sumberadi Mlati Sleman Village (2016)</i></p> <p>Source of funds: Thematic Grants for the Faculty of Animal Husbandry</p> <p>28. <i>Transfer of Biostarter Technology for Waste Treatment in Chicken Farm in Banjar Arum Village, Kalibawang District, Kulonprogo (2016)</i></p> <p>Source of funds: Service Grant for Postgraduate Program Faculty of Animal Science UGM</p> <p>29. <i>Improving the Skills of Mulyo Adi's Duck Breeding Group, Sadon Hamlet, Sendang Mulyo Village, Minggir District, Sleman (2016)</i></p> <p>Source of funds: Service Grants for Postgraduate Program Faculty of Animal Science UGM</p> |
| Industry collaborations over the last 5 years | -   |
| Patents and proprietary rights                | -   |
| Important publications over the last 5 years  | <p><i>Total number of publications:</i></p> <ol style="list-style-type: none"> <li><i>Screening for probiotic of lactic acid bacteria isolated from the digestive tract of a native Aceh duck (Anas platyrhynchos) (2020)</i><br/> Publisher : BIODIVERSITAS Journal of Biological Diversity Vol 21 No. 7 pages: 3001-3007</li> <li><i>Antibacterial Activity of Maja Fruit Extract Against Escherichia coli and Its Potential as Urease Inhibitor for Reducing Ammonia Emission in Poultry Excreta (2020)</i><br/> Publisher : IOP Conf. Series: Earth and Environmental Science 465 (2020) 01200</li> <li><i>Effects of Probiotic, Prebiotic, and Synbiotic Mixed Culture Based on Wheat Pollard on Productivity of Kampung's Chicken (CS</i></li> </ol>  |

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|  | <p><i>Utama, Z Zuprizal, C Hanim, <b>W Wihandoyo</b></i> (2020)</p> <p><i>Publisher : Jurnal Ilmu Ternak dan Veteriner 25 (4), 196-205</i></p> <p>4. <i>Processing of Mixed Culture Sinbiotics Originating from the Combination of Wheat Pollard as Prebiotics and Fermented Cabbage Juice as Probiotics through the Fermentation Process (CS Utama, Z Zuprizal, C Hanim, <b>W Wihandoyo</b>) (2020)</i></p> <p><i>Publisher : Jurnal Aplikasi Teknologi Pangan 9 (3): 133–148, Aug. (2020)</i></p> <p>5. <i>Pengaruh Pembatasan Pakan Dengan Cara Pemuasaan Satu Kali Seminggu Terhadap Performa Produksi Ayam Broiler (Bambang Ariyadi, <b>Wihandoyo Wihandoyo</b>, Sri Sudaryati, Heru Sasongko, Mohammad Fahmi Habibi, Adi Nugroho) (2020)</i></p> <p><i>Publisher : Prosiding Seminar Teknologi Agribisnis Peternakan (STAP) Fakultas Peternakan Universitas Jenderal Soedirman, 328-336</i></p> <p>6. <i>Maja Fruit Extracts Inhibit Escherichia coli, Reduce Fly Larvae Population, and Ammonia Emission of Chicken Excreta (2020)</i></p> <p><i>Publisher : Tropical Animal Science Journal, Volume 43(4), 2020: 369-376</i></p> <p>7. <i>Comparative study of herbal and non-herbal egg protein profiles using sodium dodecyl sulfate-polyacrylamide gel electrophoresis (2019)</i></p> <p><i>Publisher : IOP Conf. Series: Earth and Environmental Science 387 (2019) 012037</i></p> <p>8. <i>Effects of feed form on small intestine histomorphology of broilers (2019)</i></p> <p><i>Publisher : IOP Conf. Series: Earth and Environmental Science 387 (2019) 012047</i></p> <p>9. <i>The effect of different feed forms on the performance and carcass yield of broiler chickens (2019)</i></p> <p><i>Publisher : IOP Conf. Series: Earth and Environmental Science 387 (2019) 012050</i></p> <p>10. <i>Effects of stocking density and litter type on litter quality of native chicken (2019)</i></p> <p><i>Publisher : IOP Conf. Series: Earth and Environmental Science 387 (2019) 012065</i></p> <p>11. <i>Utilization of distillation waste of Lemon Grass (Cymbopogon nardus) as litter for reducing parasite diseases and its influence on</i></p> |
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|  | <p>broiler performance (2019)</p> <p><i>Publisher : IOP Conf. Series: Earth and Environmental Science 387 (2019) 012066</i></p> <p>12. <i>Growth of probiotics for poultry in glucose yeast pepton media, production of biomass, viability and stability after encapsulation with spray drying (2019)</i></p> <p><i>Publisher : IOP Conf. Series: Earth and Environmental Science 387 (2019) 012130</i></p> <p>13. <i>Pengaruh Lama Pemanasan terhadap Kualitas Kimia Wheat Pollard yang Berpotensi sebagai Prebiotik (CS Utama, ZZ Zuprizal, C Hanim, <b>W Wihandoyo</b>) (2019)</i></p> <p><i>Publisher : Jurnal Aplikasi Teknologi Pangan 8 (3), 113-121</i></p> <p>14. <i>Intestinal Morphology of Native Chickens at 20 Weeks-old Supplemented by DL-methionine and L-lysine Hcl Into Feed (CV Lisnahan, <b>W Wihandoyo</b>, Z Zuprizal, S Harimurti) (2019)</i></p> <p><i>Publisher : Journal of Tropical Animal Science and Technology 1 (1), 14-21</i></p> <p>15. <i>Production of Starter Culture to Produce Biomass of Probiotic Indigenous Lactic Acid Bacteri (2019)</i></p> <p><i>Publisher : Proceedings The 8th ISTAP International Seminar on Tropical Animal Production "Prospects and Challenges for Sustainable Tropical Animal Production Systems", September 23-25, 2019, Yogyakarta, Indonesia. Page 130-134. ISBN: 978-979-1215-37-4. <a href="https://istap.ugm.ac.id/">https://istap.ugm.ac.id/</a> Published by: Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>16. <i>The Effect of Eggshell Flour as Media for White Oyster Mushroom (Pleurotus ostreatus) (2019)</i></p> <p><i>Publisher : Proceedings The 8th ISTAP International Seminar on Tropical Animal Production "Prospects and Challenges for Sustainable Tropical Animal Production Systems", September 23-25, (2019), Yogyakarta, Indonesia. Page 302-306. ISBN: 978-979-1215-37-4. <a href="https://istap.ugm.ac.id/">https://istap.ugm.ac.id/</a> Published by: Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>17. <i>Probiotic Testing of Lactobacillus brevis and Lactobacillus plantarum from Fermented Cabbage Waste Juice (2018)</i></p> <p><i>Publisher : Pakistan Journal of Nutrition Vol. 17 No. 7. Page 323-328. ISSN 1680-5194. DOI: 10.3923/pjn.2018.323.328. <a href="https://scialert.net/abstract/?doi=pjn.2018.323.328">https://scialert.net/abstract/?doi=pjn.2018.323.328</a></i></p> <p>18. <i>Isolasi dan Identifikasi Bakteri Asam Laktat Selulolitik yang Berasal</i></p> |
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|  | <p>dari Jus Kubis Terfermentasi (2018)</p> <p><i>Publisher : Jurnal Aplikasi Teknologi Pangan Vol. 7 No. 1 Hal. 1-5.</i></p> <p>19. Performan Ayam Broiler dengan Penambahan Tepung Daun dalam Pakan (2018)</p> <p><i>Publisher : Sains Peternakan: Jurnal Penelitian Ilmu Peternakan Vol. 16 No. 2 Hal. 74-79</i></p> <p>20. The Effect of 12 and 24-Hour Blue Lighting on Performance and Feeding Behaviour of Broiler Chickens (2018)</p> <p><i>Publisher : Buletin Peternakan Vol. 42 No. 1 Halaman 15-19.</i></p> <p>21. The Use 3 of Banana Peel Meal (<i>Musa paradisiaca</i>) as Substitution of Corn in the Diets on Performance and Carcass Production of Hybrid Ducks (2018)</p> <p><i>Publisher : Buletin Peternakan Vol. 42 No. 3 Halaman 222-231.</i></p> <p>22. Pengaruh Suplementasi DL-Metionin dan L-Lisin HCL Terhadap Berat Badan dan Berat Organ Dalam Ayam Kampung Fase Starter (2018) Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik (2018)</p> <p><i>Publisher : "Inovasi Teknologi Peternakan Menyongsong Era Industri 4.0". Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta, 5 November 2018. Hal. 124-127. ISBN: 978-979-1215-33-6</i></p> <p>23. Effects of citronella (<i>Cymbopogon nardus</i>) ethanol extracts and distillate dried powder waste on inhibition of ascaridia galli development (Sabuna, C., <b>Wihandoyo</b>, Harimurti, S., Nurcahyo, R.W.) (2018)</p> <p><i>Publisher : International Journal of Poultry Science, 2018, 17(6), pp. 262–267</i></p> <p>24. The effect of dietary binahong [<i>anredera cordifolia</i> (Ten.) steenis] leaf meal supplementation on total ileal bacteria and jejunal histomorphology in broiler chickens (Widodo, N., Wihandoyo,, Zuprizal,, Dono, N.D.) (2018)</p> <p><i>Publisher : International Journal of Poultry Science, 2018, 17(10), pp. 473–478</i></p> <p>25. Pengaruh Suplementasi DI-Metionin Dan L-Lisin Hcl Pada Pakan Standar Kafetaria Terhadap Berat Badan, Organ Dalam dan Organ Reproduksi Ayam Kampung Fase Pullet (CV Lisnahan, <b>W Wihandoyo</b>, Z Zuprizal, S Harimurti) (2018)</p> <p><i>Publisher : Jurnal Ilmiah Peternakan Terpadu 6 (2), 128-133</i></p> <p>26. Utilization of Sago Waste with Cellulase Enzyme Fermentation as a</p> |
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|  | <p><i>Local Feed for Broilers in Southeast Sulawesi (2017)</i></p> <p><i>Publisher : International Journal of Poultry Science. Vol. 16 (07): 266 - 273. Juni 2017.</i></p> <p>27. <i>Nutritional Value and In Vitro Digestibility of Shrimp Waste Fermented with Isoptericola sp. A10-1 (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 117-121. ISBN: 978-979-1215-29-9</i></p> <p>28. <i>The Effect of Dietary Violet Roselle Flower and Moringa Leaves Meal Supplementation on Blood Profile of Broiler Chickens (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 251-255. ISBN: 978-979-1215-29-9</i></p> <p>29. <i>Effects of Sago Waste as Local Feed Resource That Gives Cellulose Enzyme in Feed on Carcass and Organ Characteristics of Broiler Chickens (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 280-285. ISBN: 978-979-1215-29-9</i></p> <p>30. <i>Addition of Feed Additive Binahong (Anredera Cordifolia (Ten.) Steenis) Leaf Meal into Diets on Growth Performance of Broiler Chickens (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 298-302. ISBN: 978-979-1215-29-9</i></p> <p>31. <i>Isolation and Identification of Fungi Type From Juice of Cabbage Waste as Probiotic Agency (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 324-328. ISBN: 978-979-1215-29-9</i></p> <p>32. <i>Study of Nutrient Requirement of Native Chicken Fed by Free Choice Feeding System at a Grower Phase (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 350-356. ISBN: 978-979-1215-29-9</i></p> <p>33. <i>Analysis of Component and Water Holding Capacity from Distillate Waste of Citronella (Cymbopogon nardus) as A Litter Material (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal</i></p> |
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|  | <p><i>Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 458-463. ISBN: 978-979-1215-29-9</i></p> <p>34. <i>Effect of Particle Size of Egg Shell Mash with Treated Phosphoric Acid in Feed on Performance, and Status of Blood Plasma (2017)</i></p> <p><i>Publisher : The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 468-474.. ISBN: 978-979-1215-29-9</i></p> <p>35. <i>Utilization of Sago Waste with Cellulase Enzyme Fermentation as a Local Feed for Broilers in Southest Sulawesi (2017)</i></p> <p><i>Publisher : International Journal of Poultry Scicence. Vol. 16 (07): 266 - 273. Juni 2017. ISSN: 1682-8356. DOI: 10.3923/ijps.2017.266.273. Publisher: ANSInet, Pakistan.</i></p> <p>36. <i>Effect of Addition of Methionine and Lysine into Diets Based on Cafeteria Standards on the Growth Performance of native Chickens at Starter Phase. (2017)</i></p> <p><i>Publisher : International Journal of Poultry Science. p-ISSN 1682-8356 e-ISSN: 1682-8356. Online first. DOI: 10.3923/ijps.2017.</i></p> <p>37. <i>Growth Performance of Native Chickens in the Grower Phase Fed Methionine and Lysine-Supplemented Cafeteria Standard Feed (2017)</i></p> <p><i>Publisher : Pakistan Journal of Nutrition online first 2017. pISSN: 1994-7984 e-ISSN; 1680-5194. Published by: Asian Network for Scientific Information.</i></p> <p>38. <i>The Effect of 12 and 24-Hour Blue Lighting on Performance and Feeding Behaviour of Broiler Chickens (2017)</i></p> <p><i>Publisher : Buletin Peternakan Volume 42 (1), 2018: 15-19. ISSN-0126-4400/E-ISSN-2407-876X. Doi: 10.21059/buletinpeternak.v42i1.25696. <a href="http://buletinpeternakan.fapet.ugm.ac.id/">http://buletinpeternakan.fapet.ugm.ac.id/</a></i></p> <p>39. <i>Potensi Limbah Ampas Sagu sebagai Sumber Bahan Pakan Lokal Ayam Broiler di Kabupaten Konawe Provinsi Sulawesi Tenggara (Penulis ke-3 dari 4) (2016)</i></p> <p><i>Publisher : Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 115-122</i></p> <p>40. <i>Pengaruh Pencahayaan Warna Biru terhadap Performan Produksi dan Tingkah Laku Ayam Broiler (Penulis ke-2 dari 7) (2016)</i></p> <p><i>Publisher : Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas</i></p> |
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*Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 281*

41. *The Influence of Feed and Water Added Into Broiler Excreta on The Growth of House Fly Larvae (Musca Domestica L) (Penulis ke-1 dari 3) (2016)*

*Publisher : Proceedings of The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan*

42. *The effect of Lighting Regimens on Broiler Growth: 1. On the Productive Performance (Penulis ke-5 dari 6) (2016)*

*Publisher : Proceedings of The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan*

43. *The Effect of Lighting Regimens on Broiler Growth: 2. On the Weekly T3 and T4 Concentration (Penulis ke-5 dari 6) (2016)*

*Publisher : Proceedings of The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan*

44. *Reproductive Performance and Expression of Mucosal Barrier in the Lower Segment of Oviduct between Indonesian Native Neck and Normal Feathered Chicken (Penulis ke-5 dari 6) (2016)*

*Publisher : Proceedings of The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan*

45. *Isolation of Indigenous Denitrifying Bacteria from the Odorous Region of A Layer Farm and its Potential as Nitrate Reducing Agent (Penulis ke-7 dari 9) (2016)*

*Publisher : Proceedings of The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan*

46. *The Effect of Lighting Regimens on Broiler Growth: 3. Status of Corticosteroid Hormone and Feeding Behaviour (Penulis ke-3 dari 7) (2016)*

*Publisher : Proceeding of the 17th AAAP Animal Science Congress. Fukuoka, Japan*

47. *Shrimp Waste Fermentation by Isoptericola Sp. Strain A10-1 as Feed Compound for Improve Yield Carcas and Performance of Magelang Duck (Penulis ke-4 dari 6) (2016)*

*Publisher : Proceedings of the 1st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta,*

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|  | <p><i>Indonesia</i></p> <p><i>48. Expression of Mucin 2 Glycoproteins Forming the Mucosal Barrier of the Gut in Indonesian Indigenous Naked Neck Chickens and Normal Feathered Chickens (Penulis ke-5 dari 6) (2016)</i></p> <p><i>Publisher : International Journal of Poultry Science Vol. 15 No. 9, 2016. Pages: 379-383. ISSN :1682-8356</i></p> |
| <p>Activities in specialist bodies over the last 5 years</p> | <p>-</p>   |