

STAFF HANDBOOK

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| Name | : | Prof. Dr. Ir. Sri Harimurti, SU. |
| Post | : | Ilmu Ternak Unggas |
| Academic carrer | : | S1 UGM S2 UGM S3 UGM |
| Employment | : | |

Research over the last 5 years

| No. | Judul | Tahun | Sumber Dana | Jumlah Dana (Rp) |
|-----|---|-------|---|------------------|
| 1. | Pengaruh Bentuk Fisik Pakan terhadap Performan Produksi, Histomorfologi Usus, dan Gambaran Bakteri Asam Laktat pada Usus Ayam Broiler (Ketua) | 2017 | Tematik Laboratorium Fak. Peternakan UGM | 15.000.000 |
| 2. | Pengaruh Pencahayaan Warna Biru terhadap Performan Produksi dan Tingkah Laku Ayam Broiler (Ketua dari 7 Peneliti) | 2016 | Hibah Tematik Laboratorium Fakultas Peternakan UGM | 15.000.000 |
| 3. | Efek Suplementasi Probiotik Indigenous Bakteri Asam Laktat Enkapsulasi terhadap Performan Produksi dan Histologi Organ Imun Kalkun Fase Starter (Ketua dari 7 Peneliti) | 2016 | Hibah Penelitian Pascasarjana Fak. Peternakan UGM | 15.000.000 |
| 4. | Analisis Genetic Kondisi Bulu dan Gen Kekebalan Tubuh Ayam Leher Gundul dari Perkawinan Antar Ayam Leher Gundul terhadap Pertumbuhan dan Produksi Telur (Anggota) | 2015 | DIKTI (Penelitian Unggulan Perguruan Tinggi) | 79.000.000 |
| 5. | Studi Viabilitas Probiotik Bakteri Asam Laktat Indigenous dengan Teknik Mikroenkapsulasi (Ketua dari 6 Peneliti) | 2015 | Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM | 12.500.000 |
| 6. | Analisis Kualitatif Distribusi Daerah Tanpa Bulu Secara Fenotip dan Genotip serta Hubungannya dengan Pertumbuhan pada Ayam Legund (Anggota) | 2014 | Hibah Kompetisi Penelitian Pascasarjana Fakultas Peternakan UGM | 15.000.000 |
| 7. | Dinamika Probiotik Indigenous Bakteri Asam Laktat pada Kinerja Pertumbuhan, Produksi Asam Lemak Rantai Pendek dan Total Bakteri | 2014 | Hibah Penelitian Fakultas Peternakan UGM | 12.000.000 |

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| | Aderensi dalam Usus Puyuh Pedaging (Ketua) | | | |
| 8. | Analisis Potensi Reproduksi dan Hasil Penetasan Ayam Legund dan Normal (Anggota dari 5 Peneliti) | 2013 | Hibah Penelitian Pascasarjana Fakultas Peternakan UGM | 10.000.000 |
| 9. | Probiotik Bakteri Asam LaktatIndigenous : Efeknya Terhadap Performan Produksi dan Sebagai Upaya Menurunkan Lemak Perut Ayam Broiler (Ketua) | 2013 | Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM | 10.000.000 |
| 10. | Pemanfaatan Ampas Penyulingan Minyak Atsiri untuk Bahan Litter terhadap Penampilan Ayam Pedaging dan Sebagai Upaya Menekian Penyakit Parasiter (Anggota) | 2012 | Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM | 10.000.000 |
| 11. | Pemanfaatan Limbah Prosesing Kue Kering dan Bentuk Fisik Ransum : Pengaruhnya Terhadap Performan Produksi serta Kualitas Karkas Ayam Broiler (Ketua) | 2012 | Penelitian Kolaborasi Dosen Mahasiswa, BOPTN | 6.650.000 |
| Total | | | | 191.150.000 |

Community service over the last 5 years

| No. | Judul | Tahun | Sumber Dana | Jumlah Dana (Rp) |
|-----|--|-------|--|------------------|
| 1. | Pendampingan Usaha Gaduhan Ayam Kampung Super dengan Model Diumbar Selepas Umur Dua Minggu untuk Mengurangi Biaya Pakan di Kelompok Peternak Ngudi Mulya Dusun Gobeh Desa Bendungan Kecamatan Semin Kabupaten Gunung Kidul | 2017 | Hibah Tematik Laboratorium Fak. Peternakan UGM | 10.000.000 |
| 2. | Pelatihan Ketrampilan Membesarkan Ayam Kampung Super kepada Anak Panti Asuhan Secara Individual di Panti Asuhan "Bina Insani" Dusun Sombangan Desa Sumpersari Moyudan Sleman Yogyakarta | 2017 | Hibah Pascasarjana Fak. Peternakan UGM | 10.000.000 |
| 3. | Penggaduhan Ayam Kampung Jawa Super Model Kembali Modal Tanpa Bunga di Kelompok Tunas Karya Dusun Danen Kelurahan Sumberadi Mlati Sleman | 2016 | Hibah Tematik Pengabdian Fakultas Peternakan | 10.000.000 |
| 4. | Peningkatan Ketrampilan Kelompok Peternak Itik Mulyo Adi, Dusun | 2016 | Hibah Pengabdian Program Pascasarjana | 10.000.000 |

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| | Sadon, Desa Sendang Mulyo, Kecamatan Minggir, Sleman | | Fakultas Peternakan UGM | |
| 5. | Mendampingi Masyarakat Dusun Bunder 2 Desa Banaran Kecamatan Galur Kabupaten Kulon Progo Dalam Upaya Meningkatkan Peran Ayam Kampung sebagai Usaha Ekonomi Kreatif | 2015 | Hibah Pengabdian Tematik Laboratorium Fakultas Peternakan UGM | 7.500.000 |
| 6. | Memberikan Ketrampilan Menetas Telur dan Membuat Mesin Tetas Kepada Warga Binaan Lembaga Pemasyarakatan (LAPAS) Cebongan Kabupaten Sleman | 2015 | Hibah Pengabdian Program Pascasarjana Fakultas Peternakan UGM | 7.500.000 |
| 7. | Memandu Anggota Karang Taruna Dusun Karang Desa Sidorejo Kecamatan Lendah Kabupaten Kulonprogo dalam Usaha Pembesaran Ayam Kampung Jawa Super | 2014 | Hibah Pengabdian Tematik Laboratorium Fakultas Peternakan UGM | 7.500.000 |
| 8. | Usaha Pembesaran Ayam Jawa Super dengan Pinjaman Tanpa Bunga Berwujud Anak Ayam, Pakan dan Vaksin sebagai Model Pemberdayaan Masyarakat di Dusun Galokan Kalurahan Gondang Kecamatan Mungkit Kabupaten Magelang | 2014 | Hibah Pengabdian Program Pascasarjana Fakultas Peternakan UGM | 10.000.000 |
| 9. | Pendampingan Usaha Ayam Kampung Super Mulai dari Membuat Anak Ayam, Pakan dan Pembesaran Ayam Sampai Siap Dipotong pada Kelompok Peternak "CINDELARAS" Desa Bendungan Wates Kulon Progo | 2013 | Hibah Pengabdian Program Pascasarjana Fakultas Peternakan UGM | 7.000.000 |
| 10. | Arisan Anak Ayam (Doc) dari Hasil Penetasan Bersama pada Kelompok Peternak Ayam "Lurik Sekul" Desa Rejowinagung untuk Menunjang Usaha Pembesaran Ayam Kampung | 2013 | Hibah Pengabdian Tematik Laboratorium Fakultas Peternakan UGM | 5.000.000 |
| 11. | Pemberdayaan Kelompok Peternak Ayam Pinggir Kali Manunggal Pengok Kidul dengan Teknologi Mesin Tetas Sebagai Pusat Penghasil Bibit (DOC) Ayam Kampung | 2012 | Hibah Pengabdian Program Pascasarjana Fakultas Peternakan UGM | 7.000.000 |
| Total | | | | 81.500.000 |

Industry collaboration over the last 5 years

| No. | Judul | Tahun | Mitra | Jumlah Dana (Rp) |
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Patent and proprietary rights

| No. | Judul | Tahun | No. Sertifikat |
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Important publications over the last 5 years

| No. | Judul | Tahun | Dimuat pada |
|-----|---|-------|--|
| 1. | Effect of Different Levels of Dimethylacetamide (DMA) on Sperm Quality of Bangkok Rooster Chicken and Sperm Survivability in Reproductive Tract of Hen | 2017 | Pakistan Journal of Nutrition Vol. 16 (3): 144-147, 2017. ISSN: 1680-5194. DOI: 10.3923/pjn.2017.144.147 |
| 2. | Study of Nutrient Requirement of Native Chicken Fed by Free Choice Feeding System at a Grower Phase | 2017 | The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 350-356. ISBN: 978-979-1215-29-9 |
| 3. | Analysis of Component and Water Holding Capacity from Distillate Waste of Citronella (<i>Cymbopogon nardus</i>) as A Litter Material | 2017 | The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 458-463. ISBN: 978-979-1215-29-9 |
| 4. | Effect of Addition of Methionine and Lysine into Diets Based on Cafeteria Standards on the Growth Performance of native Chickens at Starter Phase. | 2017 | International Journal of Poultry Science. p-ISSN 1682-8356 e-ISSN: 1682-8356. Online first. DOI: 10.3923/ijps.2017. |
| 5. | Growth Performance of Native Chickens in the Grower Phase Fed Methionine and Lysine-Supplemented Cafeteria Standard Feed | 2017 | Pakistan Journal of Nutrition online first 2017. pISSN: 1994-7984 e-ISSN; 1680-5194. Published by: Asian Network for Scientific Information. |
| 6. | Pengaruh Mikroenkapsulasi Probiotik Bakteri Asam Laktat Indigenous Unggas terhadap Kemampuan Eksklusi Kompetitif pada <i>Salmonella enteritidis</i> dan <i>Escherichia coli</i> Secara In Vitro | 2017 | Buletin Peternakan Vol. 41 (2): 134-141, Mei 2017 ISSN-0126-4400 E-ISSN-2407-876X DOI: https://doi.org/10.21059/buletinpeternak.v41i2.17017 |

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| 7. | The Effect of 12 and 24-Hour Blue Lighting on Performance and Feeding Behaviour of Broiler Chickens | 2017 | Buletin Peternakan Volume 42 (1), 2018: 15-19. ISSN-0126-4400/E-ISSN-2407-876X. Doi: 10.21059/buletinpeternak.v42i1.25696. http://buletinpeternakan.fapet.ugm.ac.id/ |
| 8. | Pengaruh Pencahayaan Warna Biru terhadap Performan Produksi dan Tingkah Laku Ayam Broiler (Penulis ke-1 dari 7) | 2016 | Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 281 |
| 9. | The effect of Lighting Regimens on Broiler Growth: 1. On the Productive Performance (Penulis ke-3 dari 6) | 2016 | Proceeding of the 17 th AAAP Animal Science Congress. Fukuoka, Japan |
| 10. | The Effect of Lighting Regimens on Broiler Growth: 2. On the Weekly T3 and T4 Concentration (Penulis ke-2 dari 6) | 2016 | Proceeding of the 17 th AAAP Animal Science Congress. Fukuoka, Japan |
| 11. | The Effect of Lighting Regimens on Broiler Growth: 3. Status of Corticosteroid Hormone and Feeding (Penulis ke-1 dari 7) | 2016 | Proceeding of the 17 th AAAP Animal Science Congress. Fukuoka, Japan |
| 12. | Reproductive Performance and Expression of Mucosal Barrier in the Lower Segment of Oviduct between Indonesian Native Neck and Normal Feathered Chicken (Penulis ke-3 dari 6) | 2016 | Proceeding of the 17 th AAAP Animal Science Congress. Fukuoka, Japan |
| 13. | The Effect of Intermittent and Continuous Blue Colour Lighting on The Feeding Behaviour and Status of Corticosterone Hormone of Broiler Chickens (Penulis Tunggal) | 2016 | Proceeding of the 17 th AAAP Animal Science Congress. Fukuoka, Japan |
| 14. | Goblet Cells Density and Agregated Lymphoid Nodules in The Ileum of Broiler Chicken Supplemented with Indigenous Probiotics Lactic Acid Bacteria and | 2016 | International Conference on Beneficial Microbes; ICOBM 2016, 31 Mei – 2 Juni 2016 di Phuket, Thailand |

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| | Antibiotic | | |
| 15. | The Use of Maltodextrin-Skim Milk Powder Mixture to Preserve Cell Viability of Poultry-origin Lactic Acid Bacteria during Spray Drying and Storage (Penulis ke-3 dari 4) | 2016 | International Conference on Beneficial Microbes; ICOBM 2016, 31 Mei – 2 Juni 2016 di Phuket, Thailand |
| 16. | Effects of Supplementation of Microencapsulated Indigenous Probiotics Lactic Acid Bacteria on the Performance of Broiler Chickens at a Starter Phase (Penulis ke 2 dari 3) | 2016 | Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia |
| 17. | Expression of Mucin 2 Glycoproteins Forming the Mucosal Barrier of the Gut in Indonesian Indigenous Naked Neck Chickens and Normal Feathered Chickens (Penulis ke-3 dari 6) | 2016 | International Journal of Poultry Science Vol. 15 No. 9, 2016. Pages: 379-383. ISSN :1682-8356 |
| 18. | Probiotics in Poultry | 2016 | Beneficial Microorganism in Agriculture, Aquaculture and Other Areas (Liong MT, and Steinbuchel A (editor). Springer International Publishing. Switzerland (2016): 1-19. ISBN: 978-3-319-23182-2 |
| 19. | Immune Indicators of Broiler Chicken Supplemented with Multistrain Encapsulated Probiotics Indigenous Lactic Acid Bacteria (Penulis Tunggal) | 2016 | 5 th Asian Federation of Societies for Lactic Acid Bacteria (AFSLAB) International Symposium 2016 "Future Prospects of Lactic Acid Bacteria: Research and Application", Taiwan, 2016 |
| 20. | Pengaruh Suplementasi Probiotik Bakteri Asam Laktat terhadap Histomorfologi Usus dan Performan Puyuh Jantan (Penulis ke-2 dari 3) | 2016 | Buletin Peternakan Vol. 40 No. 2 (2016): 101-106. ISSN: 0126-4400 |
| 21. | The Dynamics of Indigenous Probiotics Lactic Acid Bacteria on Growth Performance, Total Adherence Bacteria, and Short-Chain Fatty Acids Production in the Ileum of Male Quail | 2015 | The 6 th ISTAP International Seminar on Tropical Animal Production, page: 110. ISBN: 978-979-1215-26-8 |
| 22. | Analysis of Reproductive | 2015 | The 6 th ISTAP International Seminar on Tropical |

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| | Potential and Hatchability of Naked Neck and Normal Hens | | Animal Production, pages: 391-396. ISBN: 978-979-1215-26-8 |
| 23. | Localization and Molecular Size of Mucin2 Glycoproteins Forming the Gut Mucosal Barrier in the Indonesian Indigenous Naked Neck and Normal Feathered Chickens | 2015 | The 6 th ISTAP International Seminar on Tropical Animal Production, pages: 397-400. ISBN: 978-979-1215-26-8 |
| 24. | Qualitative Analysis of Non-feather Distributions as a Phenotype and Genotype in the Indonesian Indigenous Naked Neck Chickens | 2015 | International Journal Of Poultry Science Vol. 14(6) pages: 348-353. ISSN: 1682-8356 |
| 25. | Carcass Characteristics and Intestinal Morphology of Male Laying Quails Affected by Administered Indigenous Probiotics Lactic Acid Bacteria | 2015 | The 4 th International Seminar of Animal Nutrition & Feed Science (ISAINI 2015) |
| 26. | Effect Of Indigenous Probiotics Lactic Acid Bacteria On The Intestinal Histology Structure And The Expression Of Tight Junction Molecule Claudins In The Ileum Of Broiler Chickens | 2014 | The 16 th Asian-Australasian Association of Animal Production Societies (AAAP) Animal Science Congress Vol. II, ISBN: 978-602-8475-87-7 |
| 27. | Effect of Indigenous Probiotics Lactic Acid Bacteria on Performance, Intestinal Length and weight of Internal Organs of Broiler Chicken | 2014 | Proceeding of International Conference on beneficial Microbes ICOBM 2014 |
| 28. | The Effects of Using Omega-3, Omega-6 Fatty Acid and Cholesterol Synthetic on Sperma Quality, Testes and Uropygium Size of Male Quails (<i>Coturnix coturnix japonica</i>) | 2012 | Proceedings of the 15 th AAAP Animal Science Congress 26-30 November 2012, Thammasat University, Rangsit Campus, Thailand Vol. II page 673 |

Activities in specialist bodies over the last 5 years

| No. | Nama Organisasi | Tahun | Tingkat |
|-----|-----------------|-------|---------|
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| | | | (Nasional/Internasional) |
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| 1 | Ikatan Sarjana Peternakan Indonesia (ISPI) | 1995- Sekarang | Nasional |
| 2 | World Poultry Science Asosiation (WPSA) | 2005- Sekarang | Internasional |
| 3 | Asosiasi Ahli Nutrisi dan Pakan Indonesia (AINI) | 2000- Sekarang | Nasional |
| 4 | ISLAB | 2002- Sekarang | Nasional |