

No.	Judul Penelitian Research Title	Tahun Year	Sumber Dana Source of Funds
	(Anggota)		
10.	Studi Potensi Peptida Bioaktif dari daging Kerbau Asli Indonesia Sebagai Ageb Antihipertensi (Anggota)	2017	Tematik Laboratorium Fak. Peternakan UGM
11.	Sosis Organ Dalam Ayam	2017	Swadaya
12.	Pengaruh Penambahan Wortel Mentah dan Matang terhadap Kualitas Fisik Kimia Sensoris dan Mikrostruktur Bakso Daging Ayam	2017	Swadaya
13.	Pengaruh Jenis Pewarna dan Pengawet Terhadap Karakteristik Mikrobiologis, Kimia, dan Sensoris Sosis Ayam Fermentasi (Ketua dari 4 Peneliti)	2016	Hibah Tematik Laboratorium Fakultas Peternakan UGM
14.	Reservasi Daging Sapi dengan Penambahan Ekstrak Daun Kecombrang pada Suhu Refrigerator (Ketua dari 3 Peneliti)	2016	Hibah Pascasarjana Fakultas Peternakan UGM
15.	Optimasi Proses Isolasi Kolagen dari Kulit Kambing Lokal Indonesia untuk Produk Pangan Kesehatan (Anggota dari 4 Peneliti)	2016	PMDSU
16.	Upaya Peningkatan Produktivitas Kambing Kacang sebagai Plasma Nutfah Indonesia melalui Pendekatan Komprehensif Pakan dan Pemeliharaan: Penggunaan Pakan Sumber Protein yang Bersifat Ruminally Undegraded dan Protein Digestible Intestine Tinggi Dikombinasikan dengan Pakan yang Mempunyai Sifat Anthelmintic Agent (Anggota dari 3 Peneliti)	2016	PUPT DIKTI
17.	Kajian Bahan Pewarna Alami Sumber Antioksidan dan Antibakteri untuk Produksi Sosis Daging Ayam sebagai Pangan Fungsional (Anggota dari 4 Peneliti)	2016	PUPT DIKTI

Community Service over the last 5 years

No.	Judul Kegiatan Activity Title	Tahun Year	Sumber Dana Source of Funds
1.	Pelatihan Produksi dan Pengemasan Modern Kerupuk Bakso Goreng (Basreng) Daging Sapi di Unit Global Gotong Royong (G2R) Tetrapreneur Bejiharjo, Karangmojo, Gunungkidul, Daerah Istimewa Yogyakarta	2020	Hibah Tematik Pengabdian Laboratorium Fakultas Peternakan UGM
2.	Penggunaan Bahan-bahan Pengawet Alami untuk Produk Olahan Daging pada Kelompok Usaha Pengolahan Hasil Ternak "Kompak" Sleman Yogyakarta	2019	Fakultas Peternakan Universitas Gajah Mada
3.	Pengorganisasian Komunitas Industri Pedagang Sate Indonesia (KIPASI) dan Pelatihan Pembuatan Ready to Eat Tengkleng Kambing di Pasar Imogiri, Bantul	2018	Hibah Pengabdian Tematik Laboratuim Fakultas Peternakan UGM

No.	Judul Kegiatan <i>Activity Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
4.	Sapi Potong "Pengolahan Produk" (Kuliah Gratis "Bagimu Petani Kami Mengabdikan")	2017	Dana Tidak Mengikat
5.	Pelatihan Labelling dan Pemasaran Online pada Kelompok Usaha Pengolahan Hasil Ternak "Kompak" Sleman, Yogyakarta	2017	Hibah Tematik Laboratorium Fak. Peternakan UGM
6.	Pelatihan Pengemasan dan Introduksi Teknologi Mesin Pemanggang Sate Otomatis Untuk Pedagang Sate Kambing di Kecamatan Imogiri	2017	Hibah Pascasarjana Fak. Peternakan UGM
7.	Pelatihan Pengemasan dan Higienitas Produk Hasil Ternak Pada Kelompok Pengolahan Daging "Kompak" Sleman, Yogyakarta dan Transfer Teknologi Pengolahan Susu (Anggota)	2016	Hibah Tematik Pengabdian Fakultas Peternakan
8.	Pembangunan Desa Integrated Farming System (Desa IFS): Sinergi Teknologi Tepat Guna, Bentang Alam dan Budaya	2016	BPPTNBH (Bantuan Pendanaan PTN BH)
9.	Open House "Pengolahan Hasil Ternak" pada kegiatan pengabdian "Bagimu Petani Kami Berbakti" (tanggal 3 September 2016)	2016	PT SANTORI

Important publications over the last 5 years

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
1.	The Substitution Effects of Tapioca Starch and Beetroot Powder As Filler on the Physical and Sensory Characteristics of Chicken Sausage (Winnie Swastike*, Edi Suryanto, Rusman , Chusnul Hanim, Jamhari, Yuny Erwanto, Jumeri)	2020	Jurnal Ilmu dan Teknologi Hasil Ternak, July 2020 Vol. 15 No. 2 : 97-107
2.	Pengaruh Kemasan Retorted dan Waktu Penyimpanan terhadap Kualitas Fisik dan Mikrobiologi Sate Ayam pada Suhu Ruang (E. Triyannanto, A. S. Arizona, Rusman , E. Suryanto, R. O. Sujarwanta, Jamhari, dan I. Widyastuti)	2020	Jurnal Sain Peternakan Indonesia (JSPI) Universitas Bengkulu, Volume 15(3), 2020: 265-272
3.	The Influence of Nano-Encapsulation of Melastoma malabathricum L. Fruit Extract to Lipid Profile of Broiler Chicken (Muhammad Dani, Rusman , and Zuprizal)	2019	Buletin Peternakan 43 (4): 237-241, November 2019
4.	The effect of kecombrang leaves (Etingera elatior) addition and meat storage length on the meat decomposition, microstructure, and sensory quality (Rusman , Rahman, A., Kusuma, C., Jamhari)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012110
5.	Improvement of Bovine Split Hide Gelatin quality by addition of soy protein isolate using transglutaminase enzyme (Wulandari, D., Erwanto, Y., Pranoto, Y., Rusman , Yuliatmo, R.)	2019	Tropical Animal Science Journal, 2019, 42(3), pp. 237-244

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
6.	Quality Protein, Viscosity, Gel Strength and Structural Morphology of Sheepskin Gelatin Catalyzed HCl with Different Concentrations (Hasdar, M., Rahmawati, Y.D., Erwanto, Y., Rusman)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 334(1), 012049
7.	Application of conventional, vacuum, and retort packaging on the physicochemical and sensory evaluation of ready-To-eat (RTE) ayam kalasan at ambient temperature during two weeks (Triyannanto, E., Fauziah, S., Rahmatulloh, S., Diqna, H.I., Putra, T.I.D., Rusman)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012087
8.	Effect of Differences in Cooling Thermal Shock Processes on Chemical, Physical, Microbiological, And Sensory Quality of Sate Ambal in Room-Temperature Storage (Endy Triyannanto, Edi Suryanto, Jamhari, Rusman , Setiyono, Rio Olympias Sujarwanta)	2019	Program book (https://acn2019.org/program-book/). Asian Congress of Nutrition 9ACN) 2019. Nusa Dua, Bali, Augustus 4-7, Hal: 203 - 221.
9.	Effects of rations containing formaldehyde-protected soybean meal on meat production in Kacang goats (Retno Adiwanti, I. Gede Suparta Budisatria, K. Kustantinah, R. Rusman and Edwin Indarto)	2019	Veterinary World, 2019, 12(6), pp. 890–895
10.	Response of Bali cattle compared to Bali crossed Angus on concentrate feeding (Putra, B.W., Noviandi, C.T., Rusman , Widi, T.S.M., Baliarti, E.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012089
11.	The Influence of Nano-Encapsulation of Melastoma malabathricum L. Fruit Extract to Lipid Profile of Broiler Chicken (Muhammad Dani, Rusman, Zuprizal)	2019	Buletin Peternakan 43 (4): 237-241, November 2019.
12.	Growth Performance of Broiler Chickens Fed Diets Containing Amorphophallus companulatus Fermented with Bacillus subtilis (Theresia Nur Indah Koni, Zuprizal, Rusman , Chusnul Hanim)	2019	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 220-224.
13.	The Meat Quality Comparison of Ongole Grade and Kebumen Ongole Grade Cattle (Rahmatika Choiria, Dyah Maharani,	2019	Proceedings The 8th ISTAP International Seminar on Tropical Animal Production “Prospects and Challenges for

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Rusman)		Sustainable Tropical Animal Production Systems", September 23-25, 2019, Yogyakarta, Indonesia. Page 159-163.
14.	Effects of total mixed rations containing treated or untreated soybean meal on the energy utilization of kacang goats (Kustantinah,, Budisatria, I.G.S., Rusman , Adiwiniarti, R.)	2018	Pakistan Journal of Nutrition, 2018, 17(11), pp. 563–567
15.	Optimization of conditions for extraction of pepsin-soluble collagen from Indonesian local “kacang” goatskin by response surface methodology (Wahyuningsih, R., Rusman , Nurliyani, Pertiwinigrum, A., Rohman, A., Fitriyanto, N.A., Erwanto, Y.)	2018	American Journal of Animal and Veterinary Sciences, 2018, 13(2), pp. 70–75
16.	Optimization of acid soluble collagen extraction from Indonesian local “Kacang” goat skin and physico-chemical properties characterization (Wahyuningsih, R., Rusman , Nurliyani, Pertiwinigrum, A., Rohman, A., Fitriyanto, N.A., Erwanto, Y.)	2018	Chemical Engineering Transactions, 2018, 63, pp. 703–708
17.	Increased Inhibition of Angiotensin Converting Enzyme (ACE) Obtained from Indonesian Buffalo Meat Protein Using SEP-PAK Plus C18 (Rio Olympias Sujarwanta, Jamhari, Edi Suryanto, Rusman , Setiyono, Endy Triyannanto, Yuny Erwanto and Ragil Yuliatmo)	2018	Pakistan Journal of Nutrition Vol. 17 No. 9 Page 434-440
18.	Comparisons in Morphometric Performances of Bali and BaliCross Angus Weaning Female Cattle Using Digital ImageMeasurement Technique (Bramada Winiar Putra, Novadhila Rahmi, Cuk Tri Noviandi, Rusman , Endang Baliarti)	2018	The 4th International Seminar of Animal Industry 2018 Bogor, August 28-30, 2018. Faculty of Animal Science, Bogor Agricultural University (FAS-IPB)
19.	Profile of Rumen Fermentation and Blood Urea Nitrogen Concentration of Kacang Goat Fed Total Mixed Ration Vs. Roughage (R. Adiwiniarti, Kustantinah, I Gede Suparta Budisatria Budisatria, Rusman , Edwin Indarto)	2018	IOP Conf. Series: Earth and Environmental Science Vol. 119 (2018) 012049
20.	Perbandingan Kemampuan Larutan HCl dan NaOH dalam Menghasilkan Gelatin dari Kulit Domba (Muhammad Hasdar, Y D Rahmawati, Y Erwanto, Rusman)	2018	Prosiding Seminar Nasional Fakultas Pertanian. Fakultas Pertanian Universitas Veteran Bangun Nusantara. Halaman 132-137. http://jurnal.agrisaintifika-fpunivet.ac.id/

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
21.	Pengaruh Pemberian Nano Enkapsulasi Ekstrak Buah Senduduk (<i>Melastoma Malabathricum</i> L.) Terhadap Lemak Subkutan, Viseral dan Abdominal Ayam Broiler (Muhammad Dani, Rusman , dan Zuprizal)	2018	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik 2018 "Inovasi Teknologi Peternakan Menyongsong Era Industri 4.0". Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta, 5 November 2018. Hal. 97-100. ISBN: 978-979-1215-33-6
22.	Improved Productivity of Kacang Goats Reared by Farmers Using Balanced Rations with Different Sources of Protein	2017	Pakistan Journal of Nutrition, Volume: 16 No. 9, 2017. Pages: 672-677. ISSN 1680-5194. DOI: 10.3923/pjn.2017.672.677.U RL: http://scialert.net/abstract/?doi=pjn.2017.672.677 . Published by: ANSInet.
23.	Nutritional Value and In Vitro Digestibility of Shrimp Waste Fermented with <i>Isoptericola</i> sp. A10-1	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 117-121. ISBN: 978-979-1215-29-9
24.	The Effect of Fermentation on the Nutritional Content of <i>Amorphophallus</i> sp. as Poultry Feed	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 313-318. ISBN: 978-979-1215-29-9
25.	Physical and Sensory Characteristics of Broiler Chicken Sausages with Addition of <i>Spirulina</i> (<i>Arthrospira Platensis</i>)	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 441-445. ISBN: 978-979-1215-29-9
26.	Increased Physical and Morphological Properties of Edible Film Bovine Split Hide Gelatin With The Addition of SPI and Transglutaminase	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 446-450. ISBN: 978-979-1215-29-9

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
27.	The Effect of Ruminally Undegradable Protein Using Formaldehyde on the Nitrogen Balance and Productivity of Kacang Goat	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 905-909. ISBN: 978-979-1215-29-9
28.	Profile of rumen fermentation and blood urea nitrogen concentration of Kacang goat fed total mixed ration vs. roughage	2017	Program and Abstract Book of the Sixth SAADC Conference, Batu 16 – 19 October 2017“Wisdom of Using Local Resources for Development of Sustainable Animal Production in Developing Countries”. Batu City, Indonesia. Page: 46
29.	Preparation and characterization of protein extracted from beef heart by acid solubilization isoelectric precipitation	2017	Program and Abstract Book of the Sixth SAADC Conference, Batu 16 – 19 October 2017“Wisdom of Using Local Resources for Development of Sustainable Animal Production in Developing Countries”. Batu City, Indonesia. Page: 158.
30.	Energy Utilization, VFA, and A/P Ratio of Kacang Goat Fed Total Mixed Ration Containing Different Treatments of Soybean Meal	2017	Proceedings of The 2nd International Conference on Animal Nutrition and Environment (ANU-NUE2017). 1-4 November 2017, Volume II. Pages: 148-152. Tropical Feed Resources Research and Developmnet Center (TROFREC), Department of Animal Science, Faculty of Agriculture, Khon Kaen University.
31.	Formaldehyde Protected Soybean Meal in Total Maxed Ration for Kacang Goat to Increase the Production	2017	Proceedings of The 2nd International Conference on Animal Nutrition and Environment (ANU-NUE2017). 1-4 November 2017. Proceedings, Volume II. Pages: 286-289. Tropical Feed Resources Research and Developmnet Center (TROFREC), Department of

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
			Animal Science, Faculty of Agriculture, Khon Kaen University.
32.	Nutrient Evaluation of Fermented <i>Amorphophalus Campanulatus</i> as Poultry Feed	2017	International Journal of Poultry Science. p-ISSN 1682-8356 e-ISSN: 1682-8356. Online first. DOI: 10.3923/ijps.2017
33.	Nutritional Composition and Anti-Nutrient Content of Elephant Foot am (<i>Amorphophallus campanulatus</i>)	2017	Pakistan Journal of Nutrition online first 2017. pISSN: 1994-7984 e-ISSN; 1680-5194. Published by: Asian Network for Scientific Information.
34.	Pengaruh Bangsa, Umur, Jenis Kelamin terhadap Kualitas Daging Sapi Potong di Daerah Istimewa Yogyakarta	2017	Buletin Peternakan Vol. 41 (2): 176-186, Mei 2017 ISSN-0126-4400 E-ISSN-2407-876X DOI: https://doi.org/10.21059/buletinpeternak.v41i2.9935
35.	Diversifikasi Produk Peternakan untuk Peningkatan Konsumsi Protein Hewani di Daerah Rawan Panga	2017	Presentasi Oral pada Pembekalan Pendamping Daerah Rawan Pangan, Fakultas Peternakan UGM, 10-11 Agustus 2017
36.	Profile of Rumen Fermentation and Blood Urea Nitrogen Concentration of Kacang Goat Fed Total Mixed Ration Vs. Roughage	2017	IOP Conf. Series: Earth and Environmental Science Vol. 119 (2018) 012049. doi :10.1088/1755-1315/119/1/012049
37.	Pengaruh Level Angkak terhadap Komposisi Kimia dan Sifat Fisik Sosis Daging Ayam Broiler (Penulis ke-3 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: 400
38.	Improving the Performance of Local Kacang Goats Using Ruminally Undegradable Protein Feeds (Penulis ke-4 dari 5)	2016	Asian Journal of Animal Sciences 10(4):262-267 · August 2016. ISSN: 1819-1878
39.	Nutritional Status of Kacang Goats Fed Ruminally Undegradable Protein to Improve their Productivity (Penulis ke-3 dari 5)	2016	Proceedings The 17 th Asian-Australasian Association of Animal Production Societies (AAAP) Animal Science Congress. August 22-25, 2016. Fukuoka, Japan

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
40.	Shrimp Waste Fermentation by <i>Isoptricola</i> Sp. Strain A10-1 as Feed Compound for Improve Yield Carcas and Performance of Magelang Duck (Penulis ke-6 dari 6)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
41.	Edible Portion of Carcass and Offals of Indonesian Yearling Kacang Buck Fed Ruminally Undegradable Protein (Penulis ke-4 dari 6)	2016	Proceedings of the 1 st UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
42.	Antioxidant Activity and Colour of Sausage Fortified with <i>Angkak</i> and Beet (<i>Beta vulgaris</i>) (Penulis ke-3 dari 6)	2016	The 1 st Gadjah Mada International Conference on Health Sciences (ICHHS), October 28-29th, 2016. Yogyakarta, Indonesia
43.	Pengaruh Fortifikasi Nanopartikel Kalsium Laktat Kerabang Telur terhadap Sifat Kimia dan Fisik Bakso Ayam (Penulis ke-2 dari 2)	2016	Buletin Peternakan Vol. 40 No. 1 (2016). Hal. 40-47. ISSN: 0126-4400
44.	Kualitas Sosis Daging Sapi yang Difortifikasi dengan Minyak Ikan KOD dan Minyak Jagung dan Diproses Menggunakan Metode Pemasakan yang Berbeda (Penulis ke-5 dari 5)	2016	Buletin Peternakan Vol. 40 No. 1 (2016). Hal. 48-57. ISSN: 0126-4400
45.	Effect of a-Tocopherol and Ascorbic Acids on Performance and Blood Immunity Profile of Male Native Muscovy Duck (Penulis ke-3 dari 5)	2016	Journal of the Indonesian Tropical Animal Agriculture Vol. 41(3):145-152. ISSN: 2460-6278

Courses

1. Pangan dan Gizi Hasil Ternak
2. Usaha Burung Kesayangan
3. Anatomi dan Histologi
4. Ilmu dan Teknologi Daging
5. Studi Agama Kontekstual
6. Teknologi dan Industri Daging Unggas
7. Biologi Otot
8. Seminar A
9. Pengolahan dan Industri Daging
10. Teknik Penelitian Teknologi Hasil Ternak
11. Ilmu dan Teknologi Protein Hasil Ternak
12. Ilmu Pangan Hasil Ternak Mutakhir

Achievements/Awards

No.	Prestasi/Penghargaan <i>Achievements/Awards</i>	Tahun <i>Year</i>
1.	-	-