

Ragil Angga Prastiya
Faculty of Health Science, Medicine, and Life Science
Biomedik Tropis, Bioengineering dan Produksi Hewan PSDKU Banyuwangi
Theriogenologi
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Research interests

Reproductive toxicity impacts

Research interests

Theriogenology

Research interests

Artificial Insemination in farm and wild animal

Research interests

Native Animal Reproduction

Employment

Faculty of Health Science, Medicine, and Life Science

Airlangga University

29 Dec 2021 → present

Biomedik Tropis, Bioengineering dan Produksi Hewan PSDKU Banyuwangi

Airlangga University

1 Jan 2019 → present

Theriogenologi

Airlangga University

1 Jan 2019 → present

Veterinary Education

Airlangga University

1 Apr 2015 → present

Department of Veterinary Science

Airlangga University

1 Apr 2015 → 28 Dec 2021

Faculty of Veterinary Medicine

Airlangga University

1 Apr 2015 → 28 Dec 2021

Research outputs

Effect of Addition of Moringa (*Moringa oleifera*) in The Feed on Conception Rate, Litter size and Survival Rate of Local Rabbits in Indonesia

Hamdi, H. H., Prastiya, R. A., Sardjito, T., Amaliy, I., Wulandari, S., Adila, I. F., Wulandari, T. E., Haryuni, N. & Alghoul, N. M., Sept 2024, In: Indian Veterinary Journal. 101, 9, p. 7-11 5 p.

Gastrointestinal helminths of captive proboscis monkey (*Nasalis larvatus*) in Surabaya zoo, Indonesia

Ramadhani, M., Nurhidayah, N., Kurniawati, D. A., Purmadi, M., Rafiq, F. A., Kusumaningtyas, E., Endrawati, D., Hidayatik, N., Prastiya, R. A., Mariya, S. S., Mufasirin & Hastutiek, P., Aug 2024, In: Journal of Medical Primatology. 53, 4, e12719.

Improving the productivity of Joper chickens with fermented soy milk waste (SMW)

Haryuni, N., Tribudi, Y. A., Hasanah, N. & Prastya, R. A., 22 Jan 2024, In: BIO Web of Conferences. 88, 00043.

Quality and kinematic characteristics of Bali bulls frozen semen with purified green tea extract epigallocatechin-3-gallate antioxidant addition in diluent

Prastiya, R. A., Sardjito, T., Saputro, A. L., Budi, D. S., Maxdhameta, S. I., Sulistiyawati, E., Sulistyowati, D., Amaliya, A., Sasi, S. M. & Haryuni, N., 2024, In: Open Veterinary Journal. 14, 8, p. 2040-2048 9 p.

Zinc Sulfate and α -Tocopherol Supplementation Enhance Reproductive Performance in Male Albino Rats (*Rattus norvegicus*) With Lead Acetate Toxicity

Prastiya, R. A., Sardjito, T., Agustono, B., Fikri, F., Saputro, A. L., Wurlina, W., Dewi, B. L., Pratiwi, S. M., Nugroho, A. P. & Moses, I. B., 2024, In: Indonesian Journal of Pharmacy. 35, 3, p. 467-480 14 p.

Zinc and α -tocopherol protect the antral follicles and endogenous antioxidants of female albino rats (*Rattus norvegicus*) against lead toxicity

Prastiya, R. A., Sardjito, T., Nabila, T. R. N., Azizah, H. I. N., Saputro, A. L. & Sasi, S. M., Dec 2023, In: Journal of Trace Elements in Medicine and Biology. 80, 127284.

Effect of Pineapple Fruit Water (*Ananascomosus* (L). Merr) Bio-supplement on the Carcass and Final Weight of Commercial Broilers

Adrian, R., Hartanto, E., Prastiya, R. A., Sardjito, T., Hidanah, S., Al-Arif, M. A., Agustono, B., Saputro, A. L. & Alghoul, N. M., Nov 2023, In: Indian Veterinary Journal. 100, 11, p. 7-10 4 p.

Effect of Sappan Wood Extract (*Caesalpinia Sappan* L.) on Motility, Viability, Membrane Integrity and Abnormality of Buck Spermatozoa Exposed to Heat Stress

Haikal, A. A., Agustono, B., Susilowati, S., Safitri, E., Saputro, A. L. & Prasetiya, R. A., 8 Aug 2023, In: AIP Conference Proceedings. 2431, 1, 020003.

Pengaruh Penambahan Ekstrak Teh Hijau (*Camellia sinensis*) dalam Diluter Tris Kuning Telur Terhadap Kualitas Spermatozoa Sapi Bali (*Bos sondaicus*) Setelah Pembekuan

Wijayanti, A., Suprayogi, T. W., Prastiya, R. A., Hernawati, T., Sardjito, T., Saputro, A. L., Amaliya, A. & Sulistyowati, D., Apr 2023, In: Jurnal Medik Veteriner. 6, 1, p. 66-74 9 p.

Green tea extract addition into a Tris-based egg yolk extender improves Bali bull sperm quality

Prastiya, R. A., Suprayogi, T. W., Debora, A. E., Wijayanti, A., Amalia, A., Sulistyowati, D. & Nugroho, A. P., Feb 2023, In: Animal Bioscience. 36, 2, p. 209-217 9 p.

Antibiotic resistance of *Escherichia coli* from the milk of Ettawa crossbred dairy goats in Blitar Regency, East Java, Indonesia

Agatha, T. M., Wibawati, P. A., Izulhaq, R. I., Agustono, B., Prastiya, R. A., Wardhana, D. K., Abdramanov, A., Lokapirnasari, W. P. & Lamid, M., Jan 2023, In: Veterinary World. 16, 1, p. 168-174 7 p.

Sperm abnormality and infertility in male mice treated with the recommended dose of dimethoate and its double

Sasi, S. M., Alghoul, N. M., Awayn, N., Elghoul, A. & Prastiya, R. A., 2023, In: Open Veterinary Journal. 13, 7, p. 873-878 6 p.

Sperm Kinematics and Morphology of Bali Bull (*Bos javanicus*) after Freezing and Thawing Treated with Green Tea Extract in Extender

Prastiya, R. A., Debora, A. E., Wijayanti, A., Agustono, B., Saputro, A. L., Amaliya, A. & Sasi, S. M., 2023, In: Tropical Animal Science Journal. 46, 4, p. 418-427 10 p.

Study of the Beef Cattle Rearing System and Farmers' Knowledge of Bovine Ephemeral Fever (BEF) in the Kalipuro District, Banyuwangi Regency

Mardhiah, A., Agustono, B., Warsito, S. H., Yunita, M. N., Lokapirnasari, W. P., Prastiya, R. A., Fikri, F., Chhetri, S. & Windria, S., 2023, In: Indian Veterinary Journal. 100, 7, p. 7-16 10 p.

Effect of follicle-stimulating hormone and luteinizing hormone levels on egg-laying frequency in hens

Prastiya, R. A., Madyawati, S. P., Sari, S. Y. & Nugroho, A. P., Dec 2022, In: Veterinary World. 15, 12, p. 2890-2895 6 p.

Angka Lempeng Total Daging Ayam Broiler di Beberapa Pasar di Kota Bekasi pada Maret 2021

Firdausyi, A. A., Estoepangestie, A. T. S., Wibawati, P. A., Hamid, I. S., Solikhah, T. I. & Prastiya, R. A., Oct 2022, In: Jurnal Medik Veteriner. 5, 2, p. 157-161 5 p.

Efek Perbedaan Waktu Ekuilibrasi Sebelum Pembekuan terhadap Kualitas Spermatozoa Kambing Sapera Menggunakan Tris Kuning Telur

Prayogo, D., Susilowati, S., Prastiya, R. A., Safitri, E. & Agustono, B., Oct 2022, In: Jurnal Medik Veteriner. 5, 2, p. 188-195 8 p.

Effect of Vitamin C and E Supplementation and Combination of Both in Egg Yolk Tris Diluter on the Quality of Sapera Goat Spermatozoa in the 5 °C Cooling Process

Saputro, A. L., Syadid, U. B. S., Rimayanti, Susilowati, S., Prastiya, R. A., Agustono, B., Mumtazi, F., Marifatunnisa'romadhona, Anastasya & Farhan, M. R., Sept 2022, In: Pharmacognosy Journal. 14, 5, p. 661-665 5 p.

Efektifitas Waktu Ekuilibrasi Sebelum Pembekuan Spermatozoa Kambing Sapera Pasca Electric Separating Sperm

Saputro, A. L., Prastiya, R. A., Ulinuha, M. Z. & Widayani, P., Apr 2022, In: Jurnal Medik Veteriner. 5, 1, p. 1-8 8 p.

Service Per Conception, Conception Rate, Calving Rate dan Non-Return Rate Sapi Pedaging di Kalipuro, Banyuwangi

Dinul, A. R., Restiadi, T. I., Wibawati, P. A., Ratnani, H., Saputro, A. L. & Prastiya, R. A., Apr 2022, In: Jurnal Medik Veteriner. 5, 1, p. 51-61 11 p.

Potential of sappan wood extract as a feed additive on the feed conversion on organic matter digestibility on the buck exposed to heat stress

Agustono, B., Rahmaniyah, I., Fikri, F. & Prastiya, R. A., 2022, In: IOP Conference Series: Earth and Environmental Science. 1036, 1, 012051.

The effect of Caesalpinia sappan extract on body weight and carcass weight of bucks (Cuniculus forma domestica) exposed to heat stress

Agustono, B., Safitri, D. L., Saputro, A. L., Prastiya, R. A., Kusuma, N. M. & Sari, E. D. Y., 2022, In: IOP Conference Series: Earth and Environmental Science. 1036, 1, 012115.

The Protective Impacts of α -tocopherol Supplementation on the Semen Quality of Sapera Goat Preserved at 4°C

Prastiya, R. A., Rimayanti, Munir, M. M. & Nugroho, A. P., Sept 2021, In: Tropical Animal Science Journal. 44, 3, p. 261-266 6 p.

Red dragon fruit peel (Hylocereus polyrhizus) as feed biosupplement on performance of fattening rabbits

Prastiya, R. A. & Yusuf, A. M., 31 May 2021, In: IOP Conference Series: Earth and Environmental Science. 743, 1, 012060.

Quality and morphometric characters of spermatozoa in two native bull (Pesisir and Rambon) in Indonesia

Prastiya, R. A., Prastika, Z. & Andriyani, A., 25 May 2021, *International Conference on Life Sciences and Technology, ICoLiST 2020*. Taufiq, A., Susanto, H., Nur, H., Aziz, M., Sukswan, A., Ng, C. S., Jemon, K. B., Amin, M., Diantoro, M., Mufti, N., Malek, N. A. N. N., Wang, I. C., Sunaryono, Zubaidah, S., Aulanni'am, Wibowo, I. & Handaya, A. Y. (eds.). American Institute of Physics Inc., 030029. (AIP Conference Proceedings; vol. 2353).

Osteometri Kaki Belakang Ayam Broiler Strain Lohmann pada Hari ke-7, 21 dan 35

Hanafi, U. F., Dhamayanti, Y., Purnama, M. T. E., Soeharsono, Wibawati, P. A. & Prastiya, R. A., Apr 2021, In: Jurnal Medik Veteriner. 4, 1, p. 23-36 14 p.

Pengaruh Ekstrak Kopi Robusta Terhadap Gambaran Histopatologi Testis Mencit yang Diinduksi Monosodium Glutamat

Plumeriastuti, H., Weliyani, T., Hamid, I. S., Hidanah, S., Prastiya, R. A. & Wibawati, P. A., 2021, In: Jurnal Medik Veteriner. 4, 2, p. 243-248 6 p.

Pengaruh Konsentrasi Gliserol dalam Pengencer Tris Terhadap Kualitas Spermatozoa Kambing Sapera Before Freezing

Hanifah, N. F., Ratnani, H., Purnama, M. T. E., Restiadi, T. I., Agustono, B. & Prastiya, R. A., Oct 2020, In: Jurnal Medik Veteriner. 3, 2, p. 154-159 6 p.

Perbandingan Pengencer Tris Kuning Telur dan Susu Skim Kuning Telur Terhadap Persentase Motilitas, Viabilitas dan Integritas Membran Plasma Spermatozoa Kambing Sapera pada Penyimpanan Suhu 5°C

Iskandari, N. N., Madyawati, S. P., Wibawati, P. A., Suprayogi, T. W., Prastiya, R. A. & Agustono, B., Oct 2020, In: Jurnal Medik Veteriner. 3, 2, p. 196-202 7 p.

Tingkat Keberhasilan Penetasan Telur Peny Luang (Lepidochelys olivacea) pada Sarang Semi Alami di Pantai Boom Banyuwangi Periode Tahun 2018

Umama, A. R., Restiadi, T. I., Prastiya, R. A., Safitri, E., Saputro, A. L., Yudhana, A. & Haditanojo, W., Apr 2020, In: Jurnal Medik Veteriner. 3, 1, p. 17-24 8 p.

Pengaruh Perbedaan Waktu Ekuilibrasi Sebelum Pembekuan Terhadap Kualitas Spermatozoa Sapi Rambon Banyuwangi Menggunakan Pengencer Tris Kuning Telur

Setyawan, F., Suprayogi, T. W., Prastiya, R. A., Restiadi, T. I., Saputro, A. L. & Agustono, B., Oct 2019, In: Jurnal Medik Veteriner. 2, 2, p. 101-107 7 p.

Pengaruh Durasi Waktu Pada Sexing Spermatozoa Sapi Bali Terhadap Kualitas Dan Efektivitas Sexing Spermatozoa Dengan Menggunakan Alat Electric Separating Sperm (ESS)

Ashari, L., Mustofa, I., Yunita, M. N., Sardjito, T., Saputro, A. L. & Prastiya, R. A., Apr 2019, In: Jurnal Medik Veteriner. 2, 1, p. 24-29 6 p.

Pengaruh Perendaman Daging Sapi dalam Larutan Rimpang Kunyit (Curcuma domestica val.) dengan Kombinasi Konsentrasi dan Lama Waktu Penyimpanan Terhadap Total Jumlah Bakteri

Lestari, T., Setiawan, B., Praja, R. N., Damayanti, R., Prastiya, R. A. & Wibawati, P. A., Apr 2019, In: Jurnal Medik Veteriner. 2, 1, p. 55-59 5 p.

Nutrient improvement of Bruguiera gymnorrhiza peel fruit through fermentation using commercial tempeh (Indonesian fermented soybean) mold

Amin, M. N. G., Prastiya, R. A., Hasan, M. N., Zakariya & Alamsjah, M. A., 1 Mar 2019, In: IOP Conference Series: Earth and Environmental Science. 236, 1, 012120.

Protective effect of mycotoxin binders on ovarian gestation mice exposed by zearalenone

Prastiya, R. A., Samik, A., Elziyad Purnama, M. T. & Saputro, A. L., 2019, In: Indian Veterinary Journal. 96, 9, p. 44-46 3 p.

Red Dragon Fruit Peel (Hylocereus polyrhizus) in Rabbit Nutrition

Prastiya, R. A., Al-Arif, M. A., Tatimma, F. N. & Agustono, B., 2019, In: Indian Veterinary Journal. 96, 10, p. 36-38 3 p.

Projects

DETEKSI KEBERHASILAN TERAPI GANGGUAN REPRODUKSI KAWIN BERULANG PADA SAPI PERAH MENGGUNAKAN UJI METABOLIT STEROID

Madyawati, S. P. (PI), Rimayanti, R. (PI) & Prastiya, R. A. (PI)

DIFFERENTIAL EFFECT ON THERMAL STRESS IN CROSSBREED DAIRY CATTLE WITH REPEAT BREEDING BASED ON HSP70 AND HTI LEVEL

Madyawati, S. P. (PI), Srianto, P. (PI) & Prastiya, R. A. (PI)

DIMENSI MORFOMETRIK SPERMATOZOA MUSANG LUWAK (PARADOXURUS HERMAPHRODITUS) MENGGUNAKAN BERBAGAI METODE STAINING

Prastiya, R. A. (PI) & Agustono, B. (PI)

ELEVATED REPRODUCTIVE HORMONES LEVELS OF LAYING HENS THAT EXPERIENCE THE DIFFERENCE SPAWN FREQUENCY

Prastiya, R. A. (PI) & Madyawati, S. P. (PI)

OPTIMALISASI NILAI NUTRISI DAN PROFIL REPRODUKSI KELINCI NEW ZEALAND WHITE JANTAN DENGAN PEMANFAATAN BIOSUPLEMEN KULIT BUAH NAGA (HYLOCEREUS POLYRHIZUS) TERFERMENTASI

Prastiya, R. A. (PI) & Agustono, B. (PI)

PENGARUH PENGEKANGAN MENGGUNAKAN KELUH DAN TALI KEKANG YANG DITERAPKAN OLEH PETERNAK DI INDONESIA TERHADAP PRODUKSI SUSU DAN TINGKAT STRES SAPI PERAH

Wibawati, P. A. (PI) & Prastiya, R. A. (PI)

PENINGKATAN ADOPSI PETERNAK TERHADAP PROBIOTIK DAN PENGOLAHAN TEBON JAGUNG SEBAGAI PAKAN SAPI POTONG PADA MASYARAKAT PETERNAK DI KECAMATAN WONGSOREJO BANYUWANGI JAWA TIMUR

Prastiya, R. A. (PI), Hamid, I. S. (PI), Fikri, F. (PI), Agustono, B. (PI), Purnama, M. T. E. (PI), Saputro, A. L. (PI), Wibawati, P. A. (PI), Yudhana, A. (PI), Yunita, M. N. (PI), Solikhah, T. I. (PI) & Praja, R. N. (PI)

POTENSI D-LIMONENE DAN LAMTORO SEBAGAI MALE CONTRACEPTION UNTUK KONTROL REPRODUKSI HEWAN JANTAN

Prastiya, R. A. (PI)

POTENSI MINYAK BURITI SEBAGAI FEED ADDITIVE TERHADAP PERFORMANCE DAN BIOACTIVITY ENZIM PENCERNAAN AYAM BROILER YANG TERPAPAR CEKAMAN PANAS

Agustono, B. (PI), Prastiya, R. A. (PI) & Yunita, M. N. (PI)

2024	Lorem ipsum dolor sit amet
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