

**Profil Dosen Program Studi S1 Biologi
Jurusan Biologi FMIPA Universitas Mulawarman
Tahun 2023**

Foto Terbaru 4 x 6 Berwarna



Informasi Umum				
No	Nama	: Dr. Retno Aryani, S.Si., M.Si.		
1.	NIP	: 197302212000122001		
2.	NIDN	: 0021027304		
3.	Alamat Kantor	: Jl. Barong Tongkok no 4 Kampus Gunung Kelua Samarinda Ulu		
4.	Email	: retno_ar@yahoo.co.id , retnoaryani@fmipa.unmul.ac.id		
5.	Sinta ID	: 6043148		
6.	GS ID	: JT-RKPIAAAAJ		
7.	Garuda ID	: 694035		
8.	Scopus ID	: 57204438570		
9.	Orchid ID	: 0000-0002-4267-5378		
10.	Web of Science / Researcher ID	: 4178878		
Riwayat Pendidikan				
No	Jenjang	Perguruan Tinggi	Jurusan/Program Studi	Tahun Lulus
1.	S1	Univ. Gadjah Mada	Biologi	1997
2.	S2	Univ. Gadjah Mada	Biologi	2002
3.	S3	Univ. Gadjah Mada	Biologi	2017
Bidang Penelitian/Hibah Penelitian (Tahun 2020, 2021, 2022, 2023)				
No	Tema Penelitian	Judul Penelitian		Tahun
1.	Pangan	Toksisitas Akut Dan Subkronik Ekstrak Etanol Daun Tabat Barito (<i>Ficus deltoidea</i> Jack) Dan Efeknya Terhadap Sistem Reproduksi Mencit Jantan (<i>Mus musculus</i> L)		2021
2.	Kesehatan	Ekstrak Beberapa Tumbuhan Tropis Kalimantan Timur Sebagai Bahan Pembuatan Nanopartikel Perak dan Uji Kemampuan sebagai Antibakteri, Sitotoksik dan Penyembuh Luka		2021

3.	Pangan	Pengaruh ekstrak air daun Mekkai terhadap aktivitas antioksidan, kondisi biokimia dan hormone testosterone testis mencit	2021
4.	Kesehatan	Anti-Angiogenik Nanopartikel Daun Tabat Barito (<i>Ficus Deltoidea</i> Jack) Pada Membran Korio Alantois Embrio Ayam Diinduksi Basic Fibroblast Growth Factor (Bfgf)	2022
5.	Energi	Sumber Minyak Alternatif Pengganti Minyak Ikan Dari Minyak Maggot Yang Ditumbuhkan Pada Media Limbah Kelapa Sawit Bersuplemen Fruktosa	2022
6.	Pangan	Uji Potensi Ekstrak Daun Tanikkara (<i>Dillenia Excelsa</i> (Jack) Martelli Ex Gilg) Sebagai Antibakteri Dan Antioksidan Alami	2022
7.	Pangan	Pilot Proyek Budidaya Maggot Di Pt. Berkah Salama Jaya, Sentra Penggemukan Sapi, Loa Janan, Kutai Kartanegara, Kalimantan Timur	2022
8.	Energi	Sumber Minyak Alternatif Pengganti Minyak Ikan Dari Minyak Maggot Yang Ditumbuhkan Pada Media Limbah Kelapa Sawit Bersuplemen Fruktosa	2023
9.	Kesehatan	Anti-Angiogenik Nanopartikel Daun Tabat Barito (<i>Ficus Deltoidea</i> Jack) Pada Membran Korio Alantois Embrio Ayam Diinduksi Basic Fibroblast Growth Factor (Bfgf)	2023
10	Kesehatan	Eksplorasi Metabolit Sekunder Buah Merkubung (<i>Macaranga gigantea</i> (Rchb.F. & Zoll) Müll.Arg) Yang Berpotensi Sebagai Sumber Bahan Obat Alami	2023

Publikasi Ilmiah 5 Tahun Terakhir

No	Judul	Tahun
1.	Rudy Agung Nugroho, Esti Handayani Hardi, Yanti Puspita Sari, Retno Aryani , Rudianto1. 2019. Growth performance and blood profiles of striped catfish (<i>Pangasianodon hypophthalmus</i>) fed leaves extract of <i>Myrmecodia tuberosa</i> . Nusantara Bioscience, 11: 1.	2019
2.	Rudy Agung Nugroho, Retno Aryani , Hetty Manurung, Rudianto , Dinda Prameswari . 2019. Wound healing potency of Terminalia catappa in mice (<i>Mus musculus</i>). EurAsian Journal of BioSciences, 13: 2	2019
3.	Hetty Manurung, Retno Aryani , Rudy Agung Nugroho, Yanti Puspita Sari, Rosalina Chernovita, Auliana. 2019. Phytochemical Analysis And Antioxidant Activity Of Leaves Extracts Of Endemic Plant Jahe Balikpapan (<i>Etlingera Balikpapanensis</i> A.D. Poulsen) International Journal Of Scientific & Technology Research, 8:9.	2019
4.	L Asriqah, R A Nugroho, R Aryani . 2019. Application of organic acids in <i>Clarias gariepinus</i> Burchell, 1822 aquafeed: impacts on fish relative growth rate, condition factor and cannibalism ratio. In Journal of Physics: Conference Series (Vol. 1277, No. 1, p. 012032). IOP Publishing.	2019
5.	R A Nugroho, D Utami, R Aryani , F M Nur, Y P Sari and H Manurung. In vivo wound healing activity of ethanolic extract of Terminalia catappa L. leaves in	2019

- mice (*Mus musculus*). In Journal of Physics: Conference Series (Vol. 1277, No. 1, p. 012031). IOP Publishing.
6. R A Nugroho, E Kusumawati, **R Aryani**, W D C Anggraini, E H Hardi, R Rudianto, S Sudrajat, F M Nur, H. Manurung. 2019. Dietary Terminalia catappa leaves reduced growth performance but increased hematological profiles and survival rate of Pangasianodon hypophthalmus. In IOP Conference Series: Earth and Environmental Science (Vol. 348, No. 1, p. 012033). IOP Publishing. 2019
 7. **Retno Aryani***, Rudy Agung Nugroho, Hetty Manurung, Rani Mardayanti, Rudianto, Widha Prahastika, Auliana, Aulia Putri Bru Karo. 2020. *Ficus deltoidea* leaves methanol extract promote wound healing activity in mice. EurAsian Journal of BioSciences, 14: 1. 2020
 8. Rudy Agung Nugroho, **Retno Aryani***, Hetty Manurung, Rudianto Rudianto, Widha Prahastika, Amelia Juwita, Abdul Khafizh Alfarisi, Nur Ainun Oktavia Pusparini, Agnesia Lalong. 2020. A. Acute and Subchronic Toxicity Study of the Ethanol Extracts from *Ficus deltoidea* Leaves in Male Mice. Open Access Macedonian Journal of Medical Sciences, 8: A. 2020
 9. Rahma Suci, Rudy Agung Nugroho, **Retno Aryani**, Hetty Manurung, Rudianto. 2020. Evaluasi Diet Kolin Dan Metionin Terhadap Pertumbuhan Dan Efisiensi Pakan Ikan Mas (*Cyprinus Carpio*). Saintek Perikanan: Indonesian Journal of Fisheries Science and Technology, 16: 2. 2020
 10. Rudy Agung Nugroho, Ni Cening Sri Puspa, **Retno Aryani**, Widha Prahastika, Rudianto, Hetty Manurung. 2020. Subchronic Toxicity Test of Indian Almond (Terminalia catappa) Leaves Water Extract on The Liver Histology of Mice (*Mus musculus*). Bioeduscience, 4: 2. 2020
 11. Rudy Agung Nugroho, Normala Sari, **Retno Aryani**, Hetty Manurung, Rudianto Rudianto. 2020. Growth evaluation of Oreochromis niloticus fed different concentrations of choline and methionine. Aceh Journal of Animal Science, 5: 2. 2020
 12. Eko Kusumawati, Rudy Agung Nugroho, **Retno Aryani**, Hetty Manurung, Yanti Puspita Sari. 2021. Pembekalan Teknik Ekstraksi, Skrining, dan Uji Antimikrobia Bahan Alam bagi Guru-Guru SMA Di Kota Samarinda. Jurnal Pemberdayaan Masyarakat, 6: 1. 2021
 13. Rudy Agung Nugroho, Noor Hindryawati, **Retno Aryani**, Hetty Manurung, Yanti Puspita Sari, Diana Diah Nurti, Rudianto Rudianto, Widha Prahastika, Felicia Zahida. 2021. Biosynthesis of silver nanoparticles from aqueous extract of Myrmecodia pendans bulb. AIP Conference Proceeding Scopus, 2331: 1. 2021
 14. Ingga Lies Dastin, Rudy Agung Nugroho, Nova Hariani, **Retno Aryani**, Hetty Manurung, Rudianto Rudianto. 2021. Prevalence, intensity, and dominance of ectoparasites in the gourami (Osphronemus goramy Lacepède, 1801) reared in the floating net cage in Cirata Reservoir, West Java, Indonesia. Aceh Journal of Animal Science, 6: 1. 2021
 15. R A Nugroho , A S Nainggolan , L Lariman , S Suimah, R Rudianto, W Prahastika, **R Aryani**, H Manurung and W N Djati. 2021. Morphometric Analysis and Proximate Nutrition several Commercial Fish Species from Mesangat wetland, Muara Ancalong, Kutai Timur, East Kalimantan, Indonesia Institute of Physics Publishing (IOP Scopus), 1899: 012004. 2021

16. Rudy Agung Nugroho Monica Kusneti, Apri Pauci Florentino, Lariman, **Retno Aryani**, Rudianto. 2021. Hubungan Panjang Berat dan Faktor Kondisi Relatif Lima Spesies Ikan di Sungai Suwi Muara Ancalong, Kutai Timur. Jurnal Ilmiah Ilmu-Ilmu Hayati, 6: 2. 2021
17. Rudy Agung Nugroho, **Retno Aryani**, Hetty Manurung, Yanti Puspita Sari And Rudianto. 2022. *Myrmecodia Pendens* Bulb Extract In The Lele Dumbo (*Clarias Gariepinus*) Feed: Effects On The Growth Performance, Survival, And Blood Indices. Journal Of Aquaculture And Fish Health, 11: 1. 2022
18. Rudy Nugroho, **Retno Aryani***, Hetty Manurung, Dwi Feby Anindita, Fitria Sari Nur Hidayati, Widha Prahastika, Rudianto Rudianto. 2022. Effects of the Ethanol Extracts of *Ficus deltoidea* leaves on the Reproductive Parameters in Male Mice. Open Access Macedonian Journal of Medical Sciences, 10: (A). 2022
19. Rudy Agung Nugroho, Noor Hindryawati, **Retno Aryani**, Hetty Manurung, Yanti Puspita Sari, Mukhammad Nurhadi, Diana Diah Nurti, Muhammad Vieraldi, Rudianto Rudianto & Widha Prahastika. 2022. In vivo and in vitro assays using biosynthesized silver nanoparticles on *Aeromonas hydrophila*-infected *Clarias gariepinus*. Journal of Applied Aquaculture, Vol: -, Edisi: -. 2022
20. Hetty Manurung, Dwi Susanto, Eko Kusumawati, **Retno Aryani**, Rudy A. Nugroho, Ratnakusuma, Zulfika Rahmawati, Riska D. Sari. 2022. Phytochemical, GC-MS analysis and antioxidant activities of leaf methanolic extract of *Lai (Durio kutejensis)*, the endemic plant of Kalimantan, Indonesia. Biodiversitas Journal of Biological Diversity, 23: 0. 2022
21. Rudy Agung Nugroho, **Retno Aryani**, Hetty Manurung, Wulan Iyhyig Ratna Sari, Ari Susandy Sanjaya, Didit Suprihanto, Rudianto, Widha Prahastika. 2022. Proximate and Fatty Acid Profile Comparison of Black Soldier Fly Larvae Reared on Palm Kernel Meal and Cow Manure. RA JOURNAL OF APPLIED RESEARCH, 8: 11. 2022
22. Lani Nurfakhira, Rudy Agung Nugroho, **Retno Aryani**, Yanti Puspita Sari, Hetty Manurung, and Rudianto Rudianto. 2022. Growth and Digestive Enzyme Activity of *Clarias gariepinus* Fed *Myrmecodia pendens* Merr. & Perry Bulb Extract. AIP Conference Proceeding Scopus, 020001: 2022. 2022
23. Nurlaila Ismah Sardi, **Retno Aryani**, Rudy Agung Nugroho, Yanti Puspita Sari, Hetty Manurung, Rudianto Rudianto. 2022. Effects of ant-nest plant (*Myrmecodia pendens*) bulb extract on histology of intestinal, liver and proximate fillet of Sangkuriang catfish (*Clarias gariepinus* Var). AIP Conference Proceeding Scopus, 020002: 2022. 2022
24. **Retno Aryani**, Rudy Agung Nugroho, Hetty Manurung, Nur Ainun Oktavia, Rudianto Rudianto, Widha Prahastika. 2022. Subchronic toxicity of *Ficus deltoidea* jack. leaves on the histology of ventriculus and intestinum tenue male mice. AIP Conference Proceedings Scopus, 020005: 2022. 2022
25. Nova Hariani, Eko Kusumawati, **Retno Aryani**, Sus Trimurti, Lariman. 2022. Pemberdayaan Masyarakat dalam Budidaya dan Pemanfaatan Maggot Lalat Tentara Hitam (BSF). JPM Jurnal Pemberdayaan Masyarakat, 7: 1. 2022
26. Hetty Manurung, Imam Rosadi, Ari Susandy Sanjaya, Wulan Iyhyig Ratna Sari, Rudianto, Rudy Agung Nugroho, **Retno Aryani**, Andy Nurcahyono 2022. Pelatihan Budidaya Maggot Bagi Klaster Sapi Berkah Usaha Bersama, Desa Teluk Pandan 2022

- Bontang, Kalimantan Timur. LOGISTA Jurnal Ilmiah Pengabdian kepada Masyarakat, 6: 2.
27. Febri Ariyanto, Rudy Agung Nugroho*, **Retno Aryani**, Hetty Manurung, Rudianto Rudianto. 2023. Effect of water hyacinth leaf flour (*Eichhornia crassipes*) fermented by *Aspergillus niger* in the commercial pellet on the growth, survival rate and blood profile of sangkuriang catfish (*Clarias gariepinus*). Aceh Journal of Animal Science, 5: 2. 2023
 28. Rudy Agung Nugroho, **Retno Aryani**, Hetty Manurung, AriSusandi, Wulan Iyigh, Didit Suprihanto, Fatmawati Patang, Rudianto, Widha Prahastika, Bambang Purnama. 2023. Budidaya Maggot Di Pt Berkah Salama Jaya, Sentral Penggemukan Sapi, Loa Janan Kutai Kartanegara, Kalimantan Timur. Reswara : Jurnal Pengabdian Kepada Masyarakat, 4: 1. 2023
 29. **Retno Aryani**, Rudy Agung Nugroho, Hetty Manurung, Muhammad Hafidz Rulimada, Erin Maytari, Angeline Siahaan, Rudianto Rudianto, Wibowo Nugroho Jati. 2023. Anti-angiogenic activity of *Ficus deltoidea* L. Jack silver nanoparticles using chorioallantoic membrane assay, 7: 1465. 2023
 30. Rudy Agung Nugroho, Nadhifa Aurellia Wirawan, **Retno Aryani**, Esti Handayani Hardi, Hetty Manurung, Rudianto Rudianto, Nadya Syalsabillah, Wibowo Nugroho Jati 2023. Nutritive value, material reduction, biomass conversion rate, and survival of black soldier fly larvae reared on palm kernel meal supplemented with fish pellets and fructose. International Journal of Tropical Insect Science. 2023
 31. **Retno Aryani**, Rudy Agung Nugroho, Windi Rosiana Dewi, Yanti Puspita Sari, Hetty Manurung, Rudianto Rudianto. 2023. Pertumbuhan Dan Kelangsungan Hidup Ikan Patin (*Pangasius* Sp.) Setelah Pemberian Pakan Bersubstitusi Biji Ketapang (*Terminalia Catappa* L.). AL-KAUNIYAH: Jurnal Biologi, 16(2), 2023, 222-232. 2023
 32. **Retno Aryani**, Rudy Agung Nugroho, Hetty Manurung, Ari Susandi Sanjaya, Didit Suprihanto, Wulan Iyig Ratna Sari, Yanti Puspita Sari, Rudianto, Widha Prahastika, Nurul Fadila, Iyut Jaya Toimsar, Christiano Jhonson. 2023. Pengenalan Budidaya Maggot Pada Peternak Sapi Di Desa Summersari, Loa Kulu Kutai Kartanegara, Kalimantan Timur Rtanegara, Kalimantan Timur. Abditani : Jurnal Pengabdian Masyarakat 6 (2) 144-148. 2023
 33. Hetty Manurung, Imam Rosadi, Dwi Susanto, Muhammad Fauzi Arif, **Retno Aryani**, Rudy Agung Nugroho. 2023. Antibacterial activity of leaves methanolic extract of Tanikkara (*Dillenia excelsa* (Jack) Martelli ex Gilg) against *Salmonella typhi*, *Escherichia coli*, *Staphylococcus aureus* and *Bacillus cereus*.. International Journal of Bioscience. 23(3): 185-192. 2023
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Jabatan Formal akademik dan Organisasi Profesi (Tahun Sekarang)

1. Nama Jabatan : Koprodi Magister Biologi FMIPA Universitas Mulawarman
Akademik
 2. Nama Organisasi : Anggota Himpunan Pendidik dan Peneliti Biologi Indonesia
Profesi
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