

Dra. Mahriani, S,Si., M.Si.



Name	Dra. Mahriani, S,Si, M.Si.		
Interest of field study	Animal Reproduction		
Position	Lecturer at Biology Department University of Jember		
Academic Career	Initial Academic Appointment	Institution	Year
	Bachelor of Biology	Gadjah Mada University	1977
	Master	Brawijawa University	1999
Employment	Position	Lecturer of Biotechnology Laboratory	2020-2024
	Lecturer at Biology Department	Biology Department, Faculty of Mathematics and Natural Sciences, University of Jember	1987-now
Research and development projects over the last 5 years	Name of project or research focus	Instant Coffee Nanocapsules That Have Antioxidant And Antidiabetic Properties For Functional And Nutraceutical Food Products Coffee Based Kopi instan nanokapsul yang memiliki sifat antioksidan dan antidiabetik untuk produk pangan fungsional dan nutrasetikal berbasis kopi	
	Amount of financing	IDR. 140.000.000	

	Name of project or research focus	<p>Testing of Antioxidant and Malonaldehyde Enzyme Status in CCl4 . Induced Mice</p> <p>Treatment with Chitosan Nanoparticles Filled with Coffee Bioactive Compounds</p> <p>Pengujian Status Enzim Antioksidan dan Malonaldehida pada Tikus Diinduksi CCl4 Dengan Perlakuan Nanopartikel Kitosan Terisi Senyawa Bioaktif Kopi</p>
	Amount of financing	IDR. 80.000.000
	Name of project or research focus	<p>Effectiveness Test of Curcumin for Recovery of Liver and Reproductive Organ Disorders of Mice (<i>Mus musculus</i> L) Post Exposure</p> <p>Metoxychlor</p> <p>Uji Efektivitas Kurkumin untuk Pemulihan Gangguan Hepar dan Organ Reproduksi Mencit (<i>Mus musculus</i> L) Pasca Pemaparan</p> <p>Metoxychlor</p>
	Amount of financing	IDR. 30.000.000
	Name of project or research focus	<p>Study of the Benefits of Turmeric Rhizome (<i>Curcuma longa</i>) to Inhibit Inflammation and Proliferation of Sets in Rat Colon After Exposure to Dextran Sodium Sulphate</p> <p>Kajian Manfaat Rimpang Kunyit (<i>Curcuma longa</i>) untuk Menghambat Inflamasi dan Proliferasi Set pada Kolon Tikus Pasca Pemaparan Dextran Sodium Sulphate</p>
	Amount of financing	IDR. 30.000.000
	Name of project or research focus	<p>Study of Black Soybeans Potential for Bone Remodeling in Mice (<i>Mus musculus</i> L) Estrogen Deficiency as an Effort to Prevent Osteoporosis</p>

		Kajian Potensi Kedelai Hitam Untuk Remodeling Tulang Pada Mencit (<i>Mus musculus</i> , L) Defisiensi estrogen Sebagai Upaya Pencegahan Osteoporosis
	Amount of financing	IDR. 57.500.000
	Name of project or research focus	Effects of Turmeric (<i>Curcuma longa</i>) Rhizome Extract on Nicotine-Induced Lung Tissue Fibrosis in Mice (<i>Mus musculus</i> L) Efek Ekstrak Rimpang Kunyit (<i>Curcuma longa</i>) terhadap Fibrosis Jaringan Paru pada Mencit (<i>Mus musculus</i> L) yang Diinduksi Nikotin
	Amount of financing	IDR. 30.000.000
	Name of project or research focus	Potential of Black Soybean Extract for Osteoporosis Prevention; A Study on the Expression of RANKL, RANK, OPG and Osteoblast Cell Proliferation Potensi Ekstrak Kedelai Hitam untuk Pencegahan Osteoporosis; Kajian Terhadap Ekspresi RANKL, RANK, OPG dan Proliferasi Sel Osteoblas
	Amount of financing	IDR. 57.500.000
	Name of project or research focus	Effects of Turmeric (<i>Curcuma longa</i> L) Rhizome Extract on Kidney Histopathology of Rats (<i>Rattus norvegicus</i>) Exposed to the Nephrotoxicant Thioacetamide Efek Ekstrak Rimpang Kunyit (<i>Curcuma longa</i> L) terhadap Histopatologi Ginjal Tikus (<i>Rattus norvegicus</i>) yang Terpapar Nephrotoksikan Thioacetamide
	Amount of financing	IDR. 25.250.000
Industry collaborations over the last 5 years	Titles	Year

Patents and proprietary rights		
Important publications over the last 5 years	Selected recent publications from a total of approx.	
	(Give total number)	
	Title	Effects of Black Soya Extract (<i>Glycine soja</i>) on Histology Femur of Mice (<i>Mus musculus</i> L) Ovariectomized Mahriani, Resa MiftahatuYuniar, Masrurotul Hasanah, Eva Tyas Utami Prodi Biologi Udayana Jurnal Biologi Udayana Juni 2021. 25 Juni 2021. Vol.25 No.1.pp: 39-45
	Title	The Effect of Celery Extract (<i>Apium graveolens</i> L.) Towards The Histological Structure of Rat's Kidney (<i>Rattus norvegicus</i>) Induced by Ethylene Glycol Nana Zaimatul Husna, Mahriani, Hidayat Teguh Wiyono Program Magister Ilmu Biologi, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Udayana, Maret 2021 (p-ISSN 2302-56970) Metamorfosa:Journal of Biological Sciences Vol.8 No.1, pp: : 99-106
	Title	Curcumin effectivity on Hepar and Reproductive Recovery of Male Mice (<i>Mus musculus</i> L) after Methoxychlor Exposure. Mahriani, Susantin Fajariyah, Eva Tyas Utami Jurnal Biota: Biologi dan Pendidikan Biologi (e-ISSN 2460-8483). 30 Juni 2020. Vol 13 No.1. pp: 41-57
	Title	Effect of Exposure to E-Cigarette Smoke on Lung Histology of Male Balb/c Mice (<i>Mus musculus</i> L) Eva Tyas Utami, Bella Dwi Arifianti, Mahriani, Susantin Fajariyah Program Studi Biologi, UHAMKA. Jakarta. Bioeducscience Jurnal Pendidikan Biologi dan Sains. Desember 2020. Vol.4 No.2. pp: 129-135
Title	Diuretics Effect of Avocado Leaf (<i>Persea Americana</i> Mill) Ethanol Extract on The Gastric Histology of Wistar Male Rats (<i>Rattus norvegicus</i>) Dwi Erlinda, Mahriani, & Susantin Fajariyah Fakultas Saintek, Program Studi Biologi, Universitas Medan Area	

		<p>BioLink : Jurnal Biologi Lingkungan, Industri dan Kesehatan, (e-ISSN: 2550-1305) 10 Agustus 2020, Vol. 7 No. 1,pp: 62-70</p>		
	Title	<p>Effects of black soybean (Glycine soja) ethanol extract on dermis thickness of mice (Mus musculus L.) after unilateral ovariectomy</p> <p>Isna Kurotul Akyun, Susantin Fajariyah, Mahriani</p> <p>Prodi Biologi Udayana Jurnal Biologi Udayana (e-ISSN: 25992856)</p> <p>27 Desember 2019, Vol. 23 No.2. pp:80-87</p>		
	Title	<p>Perilaku Bermain Anak Sapi Peranakan Ongole (PO) di Blok Merak, Kawasan Resort Labuhan Merak Taman Nasional Baluran</p> <p>Ahmad Mauludin Sogih, Hifayat Teguh Wiyono, Mahriani</p> <p>Universitas Jember, Berkala Sainstek, 31 desember 2018, (ISSN : 2339-0069) Vol. VI No.2), pp: 89-96</p>		
Activities in specialist bodies over the last 5 years	Organization	Role	Period	