

Staff Handbook

Please fill out and submit one table per person.

Name	<i>Risma Wiharyanti S.Si., M.Si</i>																												
Post	<i>Biotechnology</i>																												
Academic career	<i>Teaching staff</i> <i>Dept. of Biology Education,</i> <i>2022</i> <i>Universitas Negeri Yogyakarta</i> <i>Master Degree (Biotechnology)</i> <i>School of Life Sciences and</i> <i>2013</i> <i>Technology, Institut Teknologi Bandung</i> <i>Undergraduate degree (Biology)</i> <i>Faculty of Mathematics and</i> <i>2008</i> <i>Natural Sciences, Universitas Diponegoro</i>																												
Employment	<i>Position</i> <i>Teaching staff (biotechnology)</i>	<i>Employer</i> <i>Ministry of higher Education, Science, and Technology, Republic of Indonesia</i>	<i>Period</i> <i>2022-now</i>																										
Research and development projects over the last 5 years	<table border="1"> <thead> <tr> <th rowspan="2">Year</th><th rowspan="3">Topic</th><th colspan="2">Funding</th></tr> <tr> <th>Source</th><th>Amount (Rp.)</th></tr> </thead> <tbody> <tr> <td colspan="4">Research Experiences</td></tr> <tr> <td>2023</td><td><i>Formulasi dan Analisis Fisikokimia Biologis Kopi Fermentasi dengan Berbagai Starter Mikrobial</i></td><td><i>DIPA UNY</i></td><td><i>24.000.000</i></td></tr> <tr> <td>2024</td><td><i>DNA Barcoding Anggrek Cattleya Hibrida berdasarkan Chloroplast DNA Marker</i></td><td><i>DIPA UNY</i></td><td><i>24.000.000</i></td></tr> <tr> <td>2024</td><td><i>Effect of Chitin and Cellulose Elisitis on In Vitro Culture on the Genetic Stability of Dendrobium antennatum Orchids Using Random Amplified Polymorphic DNA Mark</i></td><td><i>Research on the Assignment of Professors and Structural Lecturers 2024 DIPA UNY</i></td><td><i>45.000.000</i></td></tr> <tr> <td>2024</td><td><i>Pengembangan Model Pembelajaran Problem-Based Learning terintegrasi Bioetika untuk Meningkatkan Pengetahuan</i></td><td><i>DIPA UNY</i></td><td><i>20.000.000</i></td></tr> </tbody> </table>			Year	Topic	Funding		Source	Amount (Rp.)	Research Experiences				2023	<i>Formulasi dan Analisis Fisikokimia Biologis Kopi Fermentasi dengan Berbagai Starter Mikrobial</i>	<i>DIPA UNY</i>	<i>24.000.000</i>	2024	<i>DNA Barcoding Anggrek Cattleya Hibrida berdasarkan Chloroplast DNA Marker</i>	<i>DIPA UNY</i>	<i>24.000.000</i>	2024	<i>Effect of Chitin and Cellulose Elisitis on In Vitro Culture on the Genetic Stability of Dendrobium antennatum Orchids Using Random Amplified Polymorphic DNA Mark</i>	<i>Research on the Assignment of Professors and Structural Lecturers 2024 DIPA UNY</i>	<i>45.000.000</i>	2024	<i>Pengembangan Model Pembelajaran Problem-Based Learning terintegrasi Bioetika untuk Meningkatkan Pengetahuan</i>	<i>DIPA UNY</i>	<i>20.000.000</i>
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		<i>dan Sikap Mahasiswa Biologi terhadap Isu Kesejahteraan Hewan (Animal Welfare)</i>		
	2025	<i>Identifikasi Penanda Molekuler Sifat Warna Bunga Anggrek Cattleya</i>	DIPA UNY	24.000.000
	2025	<i>Aktivitas Antidiabet Senyawa Turunan Asam Karbamat Hasil Isolasi Dari Spatholobus Littoralis Secara In Vitro Serta Prediksi Mekanisme Interaksi Terhadap Enzim Glukosidase Secara In Silico</i>	<i>Research on the Assignment of Professors and Structural Lecturers 2024 DIPA UNY</i>	55.000.000
	2025	<i>Inovasi eDNA untuk melacak evolusi spesies kelelawar di kawasan Sundaland, sebagai upaya konservasi regional di Asia Tenggara</i>	DRTPM	127.000.000
	Community Services Experiences			
	2023	<i>Pemberdayaan Kader Posyandu dalam Penyiapan PMT berdasarkan PUGS untuk Mencegah Stunting dan Wasting</i>	DIPA UNY	8.000.000
	2024	<i>Peningkatan Pemahaman Materi Biologi Sel dan Molekuler Bagi Guru MGMP Biologi Melalui Praktikum Isolasi DNA Sederhana</i>	<i>Assignment of Professors and Structural Lecturers 2024 DIPA UNY</i>	25.000.000
	2024	<i>Pelatihan dan pendampingan teknik pembibitan serta perawatan anggrek Cattleya</i>	DIPA UNY	8.000.000
	2025	<i>Pelatihan Dan Pendampingan Pembuatan Beberapa Produk Jamu Herbal Untuk Memanfaatkan Potensi Lokal Dan Kewirausahaan Masyarakat Desa Banaran Gunung Kidul</i>	<i>Assignment of Professors and Structural Lecturers 2024 DIPA UNY</i>	35.000.000
	2025	<i>Pemberdayaan masyarakat pencinta anggrek DIY dalam pengembangan varian anggrek Cattleya</i>	DIPA UNY	8.000.000
Industry collaborations over the last 5 years	-			
Patents and proprietary rights	<i>Title</i>		<i>Year</i>	
	<i>Video Extraction DNA</i>		2025	
	<i>Embriology (book)</i>		2022	

Important publications over the last 5 years	<i>Keragaman Genetik Anggrek Indonesia Warisan Kebanggaan & Tantangan Konservasi</i>	2025	UNY Press
	<i>Bioactive Compounds and Their Benefit to Health: A Scoping Review of Fermented Coffee</i>	2023	IOP Conference Series: Earth and Environmental Science, Volume 1425. DOI 10.1088/1755-1315/1425/1/012027
	<i>Primer Design and In Silico Amplification of PhtD Gene from Streptococcus pneumoniae Serotype-independent Pneumococcal Vaccine Candidate</i>	2023	Consilium Sanitatis: Journal of Health Science and Policy. Vol 1 No.2. https://doi.org/10.56855/jhsp.v1i2.283
	<i>16S Metagenomics Of Branch-Leaf Compost At The Expo Memorial Park Osaka</i>	2023	Prevenire Vol 2, No 2. doi: https://doi.org/10.58330/prevenire.v2i2.187
	<i>Embriologi</i>	2022	Get Press Indonesia
	<i>Hubungan Faktor Demografi Dengan Motivasi Menjadi Guru Sebagai Pilihan Karir : Self-Reported Survey</i>	2022	Jurnal Tarbiyah. Vol 20, No. 2. http://dx.doi.org/10.30829/tar.v29i2.1863
Activities in specialist bodies over the last 5 years			