

Staff Handbook

Name	<i>Nilahazra Khoirunnisa, M.Med.Sc.</i>		
Post	<i>Teaching Staff in Biomedical Science</i> <i>Biomedical Science, Animal Physiology</i>		
Academic career	<i>Teaching staff</i>	<i>Dept. of Biology Education, Universitas Negeri Yogyakarta</i>	<i>2024-now</i>
	<i>Master Degree (Biomedicine)</i>	<i>Biomedicine Master's Programme, Karolinska Institutet, Sweden</i>	<i>2021-2023</i>
	<i>Bachelor Degree (Animal Physiology)</i>	<i>Faculty of Biology, Universitas Gadjah Mada</i>	<i>2013-2017</i>
Employment	Position	Employer	Period
	<i>Teaching staff (Animal Physiology)</i>	<i>Universitas Negeri Yogyakarta</i>	<i>2024-now</i>
<ol style="list-style-type: none"> <i>The Effect of Combination of Curcuma xanthorrhiza Roxb. and Cinnamon (Cinnamomum verum J. Presl) Rhizome Extract on the Reproductive Cycle and Blood Profile of Wistar Rats</i> <i>Year: 2025</i> <i>Source: Universitas Negeri Yogyakarta</i> <i>Amount: 30.000.000</i> <i>Antidepressant Activity and Phytochemical Screening of Various Medicinal Plants in Male White Mice (Mus musculus) Using the Forced Swimming Test</i> <i>Year: 2025</i> <i>Source: Universitas Negeri Yogyakarta</i> <i>Amount: 50.000.000</i> <i>Isolation of cucurbitacins from Cucumis melo L. 'Gama Melon Parfum' and Its In vitro anticancer activity</i> <i>Year: 2024</i> <i>Source: Universitas Gadjah Mada</i> <i>Amount: 70.000.000</i> <i>Antidiabetic activity of cucurbitacins from Cucumis melo L. 'Gama Melon Parfum' on Rattus norvegicus L. with hyperglycemia</i> <i>Year: 2024</i> <i>Source: Universitas Gadjah Mada</i> <i>Amount: 50.000.000</i> <i>Urine Profile of Patients with Urinary Tract Infection (UTI)</i> <i>Year: 2024</i> <i>Source: Universitas Gadjah Mada</i> <i>Amount: 15.000.000</i> <i>Association of Epstein-Barr Virus (EBV) Reaction and COVID-19</i> 			

	<p>Complications (Thesis Project) Year: 2023 Source: Karolinska Institutet Amount: unknown</p> <p>7. Validation of causative variants and determine the Whole-Exome Sequencing sensitivity of the Inborn Errors of Immunity patients with severe COVID-19 (Short Project during master degree) Year: 2022 Source: Karolinska Institutet Amount: unknown</p> <p>8. The role of human skin-derived mesenchymal stem cells in AML cell proliferation and survival during chemotherapy (Short Project during master degree) Year: 2022 Source: Karolinska Institutet Amount: unknown</p> <p>9. Toxicity Study of Palm Oil in Rats Year: 2021 Source: Universitas Gadjah Mada Amount: 50.000.000</p>
Industry collaborations over the last 5 years	<p>1. Optimalisasi Pemanfaatan Smartphone untuk Alat Bantu Pengamatan Objek Biologi di Lapangan bagi Guru IPA Madrasah Ibtidaiyah Swasta, Kabupaten Sleman <i>(Optimizing the Use of Smartphones as a Tool for Field Observation of Biological Objects by Science Teachers at Private Islamic Elementary Schools in Sleman Regency)</i> Year: 2025 Industry Collaboration: Private Islamic Elementary Schools in Sleman Regency</p> <p>2. Peningkatan kapasitas masyarakat melalui pelatihan dan pendampingan teknologi tepat guna budidaya tanaman obat, pembuatan produk dan digital marketing dalam rangka meningkatkan perekonomian perempuan sesuai dengan SDGs No.3 di Kecamatan Gantiwarno, Kabupaten Klaten. <i>(Community Capacity Building through Training and Assistance in Appropriate Technology for Medicinal Plant Cultivation, Product Development, and Digital Marketing to Improve Women's Economic Empowerment in Accordance with SDG No. 3 in Gantiwarno Subdistrict, Klaten Regency)</i> Year: 2025 Industry Collaboration: Women's Organisation in Klaten Regency</p>
Patents and proprietary rights	-
Important publications over the last 5 years	<p>1. Early-childhood EBV infection is associated with a reduced risk of neurological long-COVID symptoms (manuscript) Year: 2025</p> <p>2. Genetic and immunological evaluation of patients with severe breakthrough</p>

	SARS-CoV-2 infection and a novel OAS1 deficiency (manuscript) Year: 2025		
	3. Immunomodulatory Effects of Black Solo Garlic (<i>Allium Sativum</i> L.) Extract on Macrophage Phagocytic Activity in <i>Escherichia coli</i>-Infected Rats (manuscript) Year: 2025		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
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