

Staff Handbook

Name	Nur Qomariyah, S.Pd., M.Sc.					
Position	Lecturer/ Faculty Member					
Academic Career	Academic Appointment		Institution	Year		
	Master of Science (Biology)		Universitas Gadjah Mada	2011		
	Undergraduate degree (Biology Education)		Universitas Negeri Surabaya	2004		
Employment	No	Position	Employer	Period		
	1.	Teacher	SMA Negeri 1 Sidoarjo	2003-2206		
	2.	Lecturer	UNESA	2006-Present		
Research and development projects over the last 5 years	No	Name of project or research focus		Period	Partners	Amount of Financing
	1.	Screening of Metabolite Content of Local Flora and Fauna to Explore Potential Alternative Therapies Degenerative Diseases		2021	-	IDR 25.000.000 (€1,289.45)
	2.	Antidiabetic Activity of Sansevieria trifasciata Leaf Extract in the Pancreas of Diabetic Rats Based on LC-HRMS and Immunohistochemistry		2021	-	IDR 50.000.000 (€2,578.90)
	3.	In-silico Bioavailability and NF-κB Activity Inhibition Test of Mangrove, Banyan, and Cermat Leaf Extract Metabolites		2022	-	IDR 20.000.000 (€1,031.56)
	4.	Renoprotective Effect of Cermat Leaf Extract on Type 2 Diabetes Mellitus Mice		2023	-	IDR 20.000.000 (€1,031.56)
	5.	In Vivo Antidiabetic Activity of Elephant's Foot (<i>Elephantopus scaber</i>) Leaf Extract		2023	-	IDR 20.000.000 (€1,031.56)
	6.	Phyllanthus acidus Leaf Extract as an Immunomodulator in Type 1 Diabetes Mellitus		2024	-	IDR 20.000.000 (€1,031.56)
	7.	Study of Cermat leaf extract: reducing blood albumin levels, triggering macrophage activity in type 2 diabetes mellitus mice and oral bioavailability of its metabolites.		2025		IDR 128.550.000 (€6,630.35)
	8.	Potential of bioactive components of Orthosiphon aristatus as NRF2-KEAP1 inhibitors: In silico study		2025	INBIO Indonesia	IDR 20.000.000 (€1,031.56)
	9.	Modeling STEM-Based Learning Materials to Train Learning Device Innovation for Prospective Biology Teacher Students		2025		IDR 20.000.000 (€1,031.56)
Industry collaborations over the last 5 years	No	Project title		Partners		
	1.	Potential of bioactive components of Orthosiphon aristatus as NRF2-KEAP1 inhibitors: In silico study		INBIO Indonesia		
Patents and proprietary rights over the last 5 years	No	Title				Year
	1.	Asesmen Praktikum Fisiologi Hewan (Daring) (Practicum assessment of animal physiology)				2021
	2.	Praktikum Daring Fisiologi Hewan (Practicum of Animal Physiology)				2021
	3.	Student Worksheet: Speed Reading				2021
	4.	Learning Video: Speed Reading				2021
	5.	Lembar Kerja Mahasiswa Metodologi Penelitian Biologi (Biology Research Methodology Student Worksheet)				2021
	6.	Panduan Penilaian Keterampilan Proses Dalam Mata Kuliah Seminar (Guide to Assessment of Process Skills in Seminar Courses)				2021
	7.	Metabolit dan Penyakit Degeneratif (Metabolites and Degenerative Diseases)				2022
	8.	English For Specific Purposes (for Math and Science Students)				2022

	9.	Telur Asin Rendah Kolesterol & Variasi Olahannya (<i>Salted Eggs and Their Processed product</i>)	2022									
	10.	Mengolah Kulit Kopi Untuk Pakan Ternak Ruminansia (<i>Processing Coffee Husks for Ruminant Animal Feed</i>)	2023									
	11.	Pembelajaran Berbasis Model Pemaknaan (Meaning Model Based Learning)	2024									
	12.	Pengembangan Media Edukatif BIORDA Card Berbasis Permainan Kuartet untuk Meningkatkan Literasi Sains dan Mengenalkan Budaya Indonesia (Biorda Card)	2025									
Important publications over the last 5 years	Total number: 11 titles 1. Hoornenborg CW, Qomariyah N, González-Ponce HA, Van Beek AP, Moshage H & Van Dijk G. <i>Dracaena trifasciata</i> (Prain) Mabb leaf extract protects MIN6 pancreas-derived beta cells against the diabetic toxin streptozotocin: role of the NF-κB pathway. <i>Frontiers in Pharmacology</i> . 2025 Apr 16; 1485952. 2. Hanna DN, Qomariyah N. Effect of High-Fat Diet Variations on Cholesterol Levels and Hepatic Histopathology in Mouse Models of Type 2 Diabetes Mellitus. <i>LenteraBio: Berkala Ilmiah Biologi</i> . 2025 Sep 2;14(3):303-10. 3. Dewistamara MG, Qomariyah N, Khaleyla F. Effect of Different Types of High-Fat Diet (HFD) for Induction of Type 2 Diabetes Mellitus in Animal Model. <i>LenteraBio: Berkala Ilmiah Biologi</i> . 2025 Sep 10;14(3):331-9. 4. Astri D, Qomariyah N &Fudhaili A. Effect of African Leaf Ethanol Extract in Total Cholesterol Levels and Aorta Histological Features of Mice with Diabetes Mellitus Type 2. <i>LenteraBio: Berkala Ilmiah Biologi</i> . 2025 Jan 7;14(1):48-55. 5. Ananda MW, Qomariyah N, Khaleyla F. Pengaruh Pemberian Ekstrak Minyak Maggot Black Soldier Fly Terhadap Penyembuhan Luka Sayat pada Kulit Mencit (<i>Mus musculus</i>). <i>LenteraBio: Berkala Ilmiah Biologi</i> . 2025 Jan 23;14(1):85-91. 6. Kuswanti N, Qomariyah N, Erlix Rakhmad Purnama ER, Khaleyla F. <i>Bruguiera gymnorrhiza</i> Leaf Extract Metabolites: Oral Bioavailability and GI Absorption Predictions. <i>Journal of Medicinal and Chemical Sciences</i> . 2024 March 03; 7(3): 518-529. 7. Verangga A, Qomariyah N, & Khaleyla F. Effect of <i>Averrhoa bilimbi</i> Leaf Extract on Blood Glucose Level, Hepatosomatic Index (HSI), and Liver Histology of Diabetic Mice. <i>HAYATI Journal of Biosciences</i> . 2024 Jan 31; 31(1), 102-109. 8. Purnama ER, Kuswanti N, Qomariyah N, Khaleyla F, and R. Aziz RAZ. Renoprotective effects of Cermat Leaves (<i>Phyllanthus acidus</i> (L.) Skeels) as a candidate for antidiabetic in silico. <i>E3S Web of Conferences</i> . 2024 April 24; 513: 03004. 9. Aminah FT, Qomariyah N. Antihyperglycemic Effect of Ceremai Leaf Extract (<i>Phyllanthus acidus</i>) in Mice (<i>Mus musculus</i>) with Diabetes Mellitus Type II. <i>Diabetes Mellitus Tipe II</i> . <i>LenteraBio: Berkala Ilmiah Biologi</i> . 2023 Jul 20;12(3):363-70. 10. Oktaviona EE, Qomariyah N, Khaleyla F. Hepatoprotective Activity of <i>Phyllanthus acidus</i> L. Leaf Extract in Type 2 Diabetes Mellitus Mice. <i>LenteraBio: Berkala Ilmiah Biologi</i> . 2023 Jul 24;12(3):381-8. 11. Enggarwati ID, Qomariyah N. Antihypercholesterol Activity of <i>Phyllanthus Acidus</i> L. Leaf Extract in <i>Mus musculus</i> Induced by High Fat Diet. <i>LenteraBio: Berkala Ilmiah Biologi</i> . 2023 Aug 15;12(3):439-45.											
Activities in specialist bodies over the last 5 years	<table><tr><th>Organization</th><th>Role</th><th>Period</th></tr><tr><td>-</td><td>-</td><td>-</td></tr><tr><td></td><td></td><td></td></tr></table> *Membership without a specific role need not be mentioned			Organization	Role	Period	-	-	-			
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