Staff Handbook

<table>
<tr><td>Name</td><td>Dr. Wirdatun Nafisah, S.Si., M.Si.</td></tr>
<tr><td>Position</td><td>Lecturer</td></tr>
<tr><td>Academic Career</td><td>
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<tr><th>Academic Appointment</th><th>Institution</th><th>Year</th></tr>
<tr><td>Doctorate (Doctor of Biology)</td><td>Universitas Brawijaya</td><td>2021-2023</td></tr>
<tr><td>Master (Master of Biology)</td><td>Universitas Brawijaya</td><td>2019-2021</td></tr>
<tr><td>Undergraduate degree (Bachelor of Biology)</td><td>Universitas Brawijaya</td><td>2015-2019</td></tr>
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<tr><td>Employment</td><td>
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<tr><th>No</th><th>Position</th><th>Employer</th><th>Period</th></tr>
<tr><td>1</td><td>Lecturer</td><td>Universitas Negeri Surabaya</td><td>2024 - now</td></tr>
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<tr><td>Research and development projects over the last 5 years</td><td>
<table>
<tr><th>No</th><th>Name of project or research focus</th><th>Period</th><th>Partners</th><th>Amount of Financing</th></tr>
<tr><td>1</td><td>Study of the Effect of Temperature on the Water Extraction Process of Herbal Plants on the Metabolite Compound Content and Antioxidant Activity in an Effort to Scientificate Traditional Herbal Medicine</td><td>2025</td><td></td><td>IDR 50.000.000 (€2.588)</td></tr>
<tr><td>2</td><td>THE POTENTIAL OF LOCAL EARTHWORMS ANTIBIOTICS: INNOVATION IN THE DEVELOPMENT OF TYPHOID HERBAL MEDICINE IN SUPPORTING THE INDEPENDENCE OF THE NATIONAL PHARMACY INDUSTRY AND SUSTAINABLE DEVELOPMENT</td><td>2025</td><td></td><td>IDR 50.000.000 (€2.588)</td></tr>
<tr><td>3</td><td>Potential of bioactive components of Orthosiphon aristatus as NRF2-KEAP1 inhibitors: In silico study</td><td>2025</td><td></td><td>IDR 20.000.000 (€1.036)</td></tr>
<tr><td>4</td><td>Nanoencapsulated bioprospecting of local bacterial secondary metabolites as anticancer agents</td><td>2025</td><td></td><td>IDR 115.000.000 (€5.954)</td></tr>
<tr><td>5</td><td>STUDY OF CERMAI LEAF EXTRACT: REDUCING BLOOD ALBUMIN LEVELS, TRIGGERING MACROPHAGE ACTIVITY IN MICE WITH TYPE TWO DIABETES MELLITUS AND ORAL BIOAVAILABILITY OF ITS METABOLITES</td><td>2025</td><td></td><td>IDR 133.598.000 (€6.917)</td></tr>
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<tr><td>Industry collaborations over the last 5 years</td><td>
<table>
<tr><th>No</th><th>Project title</th><th>Partners</th></tr>
<tr><td>1</td><td>Potential of bioactive components of Orthosiphon aristatus as NRF2-KEAP1 inhibitors: In silico study</td><td>INBIO Indonesia</td></tr>
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<tr><td>Patents and proprietary rights over the last 5 years</td><td>
<table>
<tr><th>No</th><th>Title</th><th>Years</th></tr>
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<tr><td>Important publications over the last 5 years</td><td>Total number: 3
1. Nafisah W, Dalilati AZ, Christina YI, Athoillah MF, Rifa'I M, Noor TNETA, Nugraha AP. Amstirdam Coffee Ameliorates Lp-PLA2 and the inflammatory response in an atherosclerosis mice. Pharmacia. 2024 April 71: 1-8.
2. Nafisah W, Wahyuningsih N, Maulana MF, Azmi SZK, Rifa'I M, Widodo N, Djati MS. Cyperus rotundus L rhizome extract modulates immune system and induces apoptotic in 4T1-tumor bearing mice. Journal of Pharmacy and Pharmacognocy Research. August 2023; 11(4): 674-682.
3. Nafisah W, Nugraha AP, Nugroho A, Sakinah AI, Nusantara DP, Philia J, Kurniawinata MI, Aini W, Herlina VT. Benefit of Asian Pigmented Rice bioactive compound and its application in breasr cancer: a systematic review. F1000Research. April 2023. 12:371.</td></tr>
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Activities in sepecialist bodies over the last 5 years	**Organization**	**Role**	**Period**
	Bioinformatic Research Center – INBIO Indonesia	Head	2024 – now
	Masyarakat Bioinformatika dan Biodiversitas Indonesia	Member	2025
	*Membership without a specific role need not be mentioned		