Staff Handbook

<table>
<tr><td>Name</td><td>Putut Rakhmad Purnama, S.Si, M.Si., Ph.D.</td></tr>
<tr><td>Position</td><td>Lecturer</td></tr>
<tr><td>Academic Career</td><td>
<table>
<tr><th>Academic Appointment</th><th>Institution</th><th>Year</th></tr>
<tr><td>Ph.D. (Bioinformatics and Computational Biology)</td><td>Chulalongkorn University</td><td>2019 - 2025</td></tr>
<tr><td>Master (Biology)</td><td>Universitas Airlangga</td><td>2016 – 2018</td></tr>
<tr><td>Undergraduate (Biology)</td><td>Universitas Airlangga</td><td>2009 – 2013</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>FMIPA - UNESA</td><td>2023 - Present</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>Karakterisasi Variasi Kultivar Ubi Jalar (Ipomoea batatas) Lokal Jawa Timur berdasarkan Morfologi, Anatomi, dan DNA Barcoding untuk Pengembangan Diversifikasi Tanaman Pangan di Indonesia</td><td>2025</td><td>Research Center for Ecology and Etnobiology - BRIN</td><td>IDR 30,000,000 (€1.554)</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>
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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: 4
1. Habila, S., Khunpolwattana, N., Buabooch, T., Henry, I. M., Comai, L., Pongpanich, M., Plaimas, K., Suriya-Arunroj, D., Siangliw, M., Kasettranun, W., Purnama, P. R., & Chadchawan, S. (2025). F2 bulk segregant analysis reveals salt-tolerant QTLs related to the ubiquitination process. Scientific reports, 15(1), 38684.
2. Purnama, P. R., Suwanchaikasem, P., Junbuathong, S., Chotechuen, S., Moung-Ngam, P., Kasettranan, W., & Chadchawan, S. (2025). Uncovering genetic determinants of antioxidant properties in Thai landrace rice through genome-wide association analysis. Scientific Reports, 15(1), 1443.
3. Saputro, T. B., Wardhani, F. O., Sholihah, N. F., Ermavitalini, D., Purnama, P. R., & Nurhidayati, T. (2024). Deciphering salt-responsive NB-ARC genes in rice transcriptomic data: A bioinformatics approach with gene expression validation. Open Agriculture, 9(1), 20220389.
4. Praphasanobol, P., Purnama, P. R., Junbuathong, S., Chotechuen, S., Moung-Ngam, P., Kasettranan, W.,& Chadchawan, S. (2023). Genome-wide association study of starch properties in local thai rice. Plants, 12(18), 3290.
5. Purnobasuki, H., Hariyanto, S., & Purnama, P. R. (2021). Genetic diversity of seagrass Thalassia hemprichii and Enhalus acoroides in coastal area of East Java. Jordan Journal of Biological Sciences, 9(14), 111-119.</td></tr>
<tr><td>Activities in sepecialist bodies over the last 5 years</td><td>
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<tr><th>Organization</th><th>Role</th><th>Period</th></tr>
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*Membership without a specific role need not be mentioned
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