



Dr. Ari Susilowati, M.Si.

Teaching Areas:

Microbiology
Microbiology Industry
Molecular Prokaryote Diversity



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SELECTED PUBLICATIONS

2021. Profile of microbial community of organic and conventional rice fields using metagenomic analysis. *Biogenesis* Vol 9, No. 1
2020. Antibacterial activity of endophytic fungi in *Pometia pinnata* against *Staphylococcus aureus* and methicillin-resistant *Staphylococcus aureus*. *Biodiversitas Journal of Biological Diversity* 21 (11).
2020. Biochemical Characterization of Recombinant Phytase Enzyme (phyK) from *Klebsiella* sp. ASR1 encapsulated with Alginate. *Jurnal Bioteknologi & Biosains Indonesia (JBBI)* 7 (1).
2019. Isolation and Identification of α -glycosidase Inhibitor Producer Endophytic Bacteria from Salak Pondoh Fruit (*Salacca edulis*). *Biosaintifika: Journal of Biology & Biology Education* 11 (3), 352-359.
2019. Polyurethane Degrading Bacteria Isolated from Decayed Teak Wood (*Tectona grandis* Linn. f.). *Jurnal Biodjati* 4 (2), 225-235.
2019. Morphology, molecular identification, and pathogenicity of *Vibrio* spp. on blood clam (*Anadara granosa*) in Yogyakarta, Indonesia tourism beach areas. *Biodiversitas Journal of Biological Diversity* 20 (10).
2018. 4th International Conference on Agricultural and Biological Sciences 26–29 June, Hangzhou, China. Enumeration of ice nucleation active bacteria and severity of frost injury (embun upas) on potatoes in Wonosobo, Dieng Plateau. *IOP Conf. Series: Earth and Environmental Science* 185 (2018) 012032 doi :10.1088/1755-1315/185/1/012032

RESEARCH PROJECTS

2021. Endophytic Bacteria Producing Anticancer Enzyme L-Asparaginase from Mangrove *Rhizophora mucronate*

ACADEMIC CAREER

- [2006-present] : Assistant Professor, Faculty of Mathematics and Natural Sciences
- 1988 : S.Si Gajah Mada University
- 1998 : M.Si Bandung Institute of Technology
- 2006 : Dr. IPB University

VOLUNTEERS

April-July 2020. Accelerating the Handling of Covid-19 at University Hospital: Lab Member: extracting viral RNA and performing real time PCR.