

## CURICULUM VITAE

### A. Personal Identity

1	Name	Dr. Ir. Arika Purnawati, MP.
2	Gender	P
3	Functional Position	Assistant Professor
4	Employment Identity Number / NIP	19650422 199003 2001
5	National Lecturer Registration Number / NIDN	0022046505
6	Place & Date of Birth	Surabaya 22 April 1965
7	Email	<a href="mailto:arika_p@upnjatim.ac.id">arika_p@upnjatim.ac.id</a>
8	Phone number	0817599793
9	Office Address	Jl.Raya Rungkut Madya,Gunung Anyar,Surabaya 60294
10	Work number	0318793653/ Faks.8793653
11	Number of Alumnus	S-1= 17 orang; S-2= 0 Orang; S-3= 0 Orang
12	Subjects	1. Agricultural Bacteriology 2. Agricultural Microbiology 3. Post Harvest Pest and Disease Control 4. Agricultural Biology

### B. Riwayat Pendidikan

Program	Bachelor degree	Master degree	Doctoral degree
Institution	UPN "Veteran" Cab. Jawa Timur	Univ.Brawijaya Malang	Univ.Brawijaya Malang
Field of Study	Perlind Tanaman	Hama Penyakit Tumbuhan	Hama Penyakit Tumbuhan
Year of Study	1984-1989	1998-2002	2009-2013
Thesis/ Dissertation	Pengaruh pH media thp pertumbuhan <i>Corticium salmonicolor</i>	Induksi Sifat Ketahanan <i>Manihot esculenta</i> dengan Radiasi <i>in vitro</i> terhadap <i>Xanthomonas campestris</i> pv. <i>manihotis</i>	Efek mikroba endofit terhadap <i>R.solanacearum</i> penyebab layu pada tomat
Academic Supervisor /Promotor	Prof.Dr.Siti Rasminah Sy.	Dr.Tjuk Suwartijah	Prof.Dr.Ir.H.Ika Rochdjatun S.

### C. Research

No	Year	Research Title	Funding	
			Grant	Amount (million Rupiah)
1	2018/ 2019	Eksplorasi Bakteri Endofit Potensial dari Tanaman pertanian Dataran rendah terhadap <i>Ralstonia solanacearum</i>	Riset Unggulan Keilmuan (RUK) Internal UPN “Veteran” Jawa Timur	2 tahun 50.000.000
2	2020/ 2021	Bakteri Endofit Potensial dari Tanaman Pertanian Dataran Rendah Sebagai Elicitor Ketahanan Tanaman Terung	<del>Riset Dasar Lanjutan Internal UPN “Veteran” Jawa Timur</del>	<del>Tahun I 30.000.000 Tahun II 30.000.000</del>
3	2021/ 2022	Potensi Bahan Alami Sebagai Media Alternatif Untuk Pertumbuhan Dan Perbanyakkan Bakteri Endofit Dari Tanaman Terung Dataran Rendah	Riset Dasar Lanjutan Internal UPN “Veteran” Jawa Timur	Tahun I 26.000.000 Tahun I 26.000.000
4	2023	Formulasi Enkapsulasi Bakteri Endofit Terhadap Penyakit Layu Bakteri pada Tanaman Terung ( <i>Solanum melongena</i> )	Riset Terapan	Tahun I 23.500.000

### D. Community Service Program

No	Year	Community Service Activities	Funding	
			Grant	Amount (million Rupiah)
1	2018	Penerapan Sistem Pertanaman Refugia sebagai Mikrohabitat Musuh Alami pada Tanaman Padi di Desa Kuluran, Kalitengah, Kabupaten Lamongan	Mandiri LPPM UPN “Veteran” Jawa Timur	7.500.000
2	2019	Pemanfaatan Tanaman Refugia untuk Mengendalikan Hama dan Penyakit Tanaman	P4M FP`	200.000
3	2020	Bakteri Endofit Sebagai Induktor Kesehatan dan Pertumbuhan Tanaman Cabai di Desa Ringinsari, Kecamatan Kandat, Kabupaten	Internal UPN “Veteran” Jawa Timur	7.000.000
4	2022	Formula Pupuk Organik Bakteri Endofit Asal Tanaman Terung Sebagai Pemacu Kesehatan Tanaman Jagung di Desa Mentaos, Kecamatan Gudo, Kabupaten Jombang	Internal UPN “Veteran” Jawa Timur	7.000.000

## E. Publications

No	Article Title	Journal	Volume/No/Year
1	Selection and Formulation of Endophytic bacteria as Plant Resistance Elicitor against Wilt Disease of Tomato	Vol 3 Issue 2 2019	Agrotechnology Research Journal PAGI-Prodi Agroteknologi Univ. Sebelas March
2	Biodiversity of Endophytic Bacteria from Egg Plant in Lowland	doi: 10.11594/nstp.2021.09xx	NST Proceedings, 5 <sup>rd</sup> International Seminar of Research Month 2020
3	Effect of Formula Endophytic Bacteria in Organic Fertilizer to Wilt Disease Fusarium in Chili Plants	Volume 2023 <a href="http://dx.doi.org/10.11594/nstp.2023.310">http://dx.doi.org/10.11594/nstp.2023.310</a>	NST Proceedings Seminar Nasional Agroteknologi 2022
4	Endophytic Bacteria from Wet Soil of South Kalimantan as Biological Control Agent for Root Nematodes (NPA) in Celery ( <i>Apium graveolens</i> )	Volume 2023 <a href="http://dx.doi.org/10.11594/nstp.2023.3203">http://dx.doi.org/10.11594/nstp.2023.3203</a>	NST Proceedings Seminar Nasional Magister Agroteknologi 2022
5	Phytochemical Compounds and Antibacterial Activity to Escherichia coli of Green Macro Algae	IOP Conf. Series: Earth and Environmental Science 1131 (2023) 012012, doi:10.1088/1755, 1315/1131/1/012012	IOP Conf. Series: Earth and Environmental Science, International Conference on Ecosystem, BioTechnology Agriculture and Environmental Science 2020, Univ. Pendidikan Ganesha, Bali
6	Formulation of Endophytic Bacteria in Organic Fertilizer as Health Promoter for Corn Plants in Mentaos, Gudo, Jombang	Volume 2023 <a href="http://dx.doi.org/10.11594/nstp.2023.3309">http://dx.doi.org/10.11594/nstp.2023.3309</a>	NST Proceedings, 7 <sup>st</sup> International Seminar of Research Month 2022
7	Natural Ingredients of Beans as Growth Medium and Propagation of Endophytic Bacteria from Lowland Eggplan	Volume 2023 <a href="http://dx.doi.org/10.11594/nstp.2023.3308">http://dx.doi.org/10.11594/nstp.2023.3308</a>	NST Proceedings, 7 <sup>st</sup> International Seminar of Research Month 2022
8	Jamur Endofit <i>Aspergillus</i> sp. sebagai Agen Pengendali Penyakit Layu Bakteri <i>Ralstonia solanacearum</i> pada Tanaman Tomat	Vol 7 No 1 (2023)	Prosiding Seminar Nasional Fakultas Pertanian UNS dalam Rangka Dies Natalis Ke-47 Tahun 2023
9	Formula Bakteri Endofit dalam Pupuk Organik sebagai Pemacu Kesehatan Tanaman Jagung di Mentaos, Gudo, Jombang	Vol. 2 No. 1 (2022)	Prosiding Seminar Nasional Pengabdian dan CSR Ke-2 Fakultas Pertanian UNS

## F. Presenter in Seminar

No	Seminar	Presentation Title	Date/Institution
1	Seminar Internasional Perhimpunan Fitopatologi Indonesia	Potential of Endophytic Bacterial From Eggplant To <i>Ralstonia solanacearum</i> On Tomato Plant In Lowland	29-30 October 2021 Univ. Brawijaya-Malang
2	Seminar Nasional Pengabdian Masyarakat	Bakteri Endofit Sebagai Induktor Kesehatan dan Pertumbuhan Tanaman Cabai di Ringinsari-Kandat-Kediri	30 November 2021 Univ. Sebelas March-Surakarta
3	5 <sup>rd</sup> International Seminar of Research Month 2020	Biodiversity of Endophytic Bacteria from Egg Plant in Lowland	27 October 2020 UPN "Veteran" Jawa Timur
4	Seminar Nasional Agroteknologi 2022	Effect of Formula Endophytic Bacteria in Organic Fertilizer to Wilt Disease Fusarium in Chili Plants	22 October 2022 UPN "Veteran" Jawa Timur
5	Seminar Nasional Magister Agroteknologi 2022	Endophytic Bacteria from Wet Soil of South Kalimantan as Biological Control Agent for Root Nematodes (NPA) in Celery ( <i>Apium graveolens</i> )	31 August UPN "Veteran" Jawa Timur
6	International Conference on Ecosystem, BioTechnology Agriculture and Environmental Science 2020	Phytochemical Compounds and Antibacterial Activity to <i>Escherichia coli</i> of Green Macro Algae	21-23 July Univ. Pendidikan Ganesha, Bali
7	7 <sup>st</sup> International Seminar of Research Month 2022	Formulation of Endophytic Bacteria in Organic Fertilizer as Health Promoter for Corn Plants in Mentaos, Gudo, Jombang	18-19 October 2022 UPN "Veteran" Jawa Timur
8	7 <sup>st</sup> International Seminar of Research Month 2022	Natural Ingredients of Beans as Growth Medium and Propagation of Endophytic Bacteria from Lowland Eggplant	18-19 October 2022 UPN "Veteran" Jawa Timur
9	Seminar Nasional Fakultas Pertanian UNS dalam Rangka Dies Natalis Ke-47 Tahun 2023	Jamur Endofit <i>Aspergillus</i> sp. sebagai Agen Pengendali Penyakit Layu Bakteri <i>Ralstonia solanacearum</i> pada Tanaman Tomat	15 March 2023, Fakultas Pertanian UNS
10	Seminar Nasional Pengabdian dan CSR Ke-2 Fakultas Pertanian UNS 2022	Formula Bakteri Endofit dalam Pupuk Organik sebagai Pemacu Kesehatan Tanaman Jagung di Mentaos, Gudo, Jombang	20 October 2022, Fakultas Pertanian UNS

**G. Books**

No	Book Title	Year of Publish	Number of Page	Publisher
1	Buku Ajar : Mikrobiologi : Bakteri Endofit	2018	115	Airlangga University Press, Surabaya

**H. Intellectual Property Rights/ Patent**

No	Title of Intellectual Property Rights	Year	Type	P/ID Number
	Tidak ada			

**I. Public Planning/Social Engineering**

No	Title	Year	Area of Application	Feedback
	Tidak ada			

**J. Achievement**

No	Award	Awarder	Year
1	-	-	-

I hereby guarantee that details and information provided above is correct to the best of my knowledge. If there is any fraud information found in the future, I will hold full responsibility of the penalty.

Surabaya, 4 May 2023



Dr.Ir. Arika Purnawati, MP.