



**KEMENTERIAN RISET, TEKNOLOGI, DAN PENDIDIKAN TINGGI**

**UNIVERSITAS NEGERI YOGYAKARTA**

Jalan Colombo No. 1, Yogyakarta 55281

Telp. (0274) 586168 Hunting, Fax. (0274) 565500; Rektor Telp./Fax.: (0274) 512192

WRI Telp./Fax.: (0274) 561634; WRII Telp./Fax. : (0274) 512851; WRIII Telp./Fax. :

(0274) 548205; WRIV Telp./Fax. : (0274) 555782

Homepage : <http://www.uny.ac.id>, E-mail : [humas@uny.ac.id](mailto:humas@uny.ac.id)

**STAFFHANDBOOK**

**A. Personal Information**

1.	Full Name	Evy Yulianti, M.Sc
2.	Functional Position	Senior Lecturer
3.	NIP (ID Number)	198007262005012001
4.	Place/Date of Birth	Bandung, 26 July 1980
5.	Home Address	Jl. Beringin 3 No.63 Garan, Denokan, Maguwoharjo, Depok, Sleman
6.	Home/Fax.	-
7.	Mobile	085868461167
8.	Office Address	Program, Faculty of Mathematics and Science, Universitas Negeri Yogyakarta, Campus Karangmalang, Yogyakarta 55281
9.	Office/Fax.	(0274)586168/(0274)548203
10.	E-mail	evy_yulianti@uny.ac.id
11.	Field of Expertise	Biochemistry
12.	Subjects Taught	a. Biochemistry
		b. Cellular and Molecular Biology
		c. Biotechnology

**B. Educational Background**

Program	S1 (Bachelor)	S2 (Master)	S3 (Doctorate)
1. University	Universitas Gadjah Mada	Universitas Gadjah Mada	Universitas Gadjah Mada
2. Major	Biology	Biochemistry	Nutrigenomic
3. Year Admitted	1999	2006	2018
4. Year Graduated	2004	2009	

5. Thesis/Dissertation Title	Optimasi Teknik Isolasi dan Purifikasi DNA Tanaman Anggrek Bulan ( <i>Phalaenopsis amabilis</i> (L.)Bl : Penentuan Konsentrasi Cetyltrimethylammonium bromide (CTAB) dan Polyvinylpyrrolidone (PVP)	Hubungan Polimorfisme Gen Transforming Growth Factor $\beta$ 1 (TGF $\beta$ 1) dengan Terjadinya Nefropati Diabetika pada Penderita Diabetes Mellitus Tipe 2	Efek Fraksi Aktif Alga Merah <i>Kappaphycus alvarezii</i> (Doty) Doty ex P.C Silva terhadap Homesotasis Glukosa Darah pada Tikus Model Diabetik. Kajian : Kadar Glycated Albumin, N $\epsilon$ -(carboxymethyl) lysine, H <sub>2</sub> O <sub>2</sub> , TNF alpha, Ekspresi Gen RAGE (Ager), NADPH Oksidase (Nox4) dan NF $\kappa$ B
6. Advisor/Promoter	Dr Endang Semiarti	Prof. Dr dr Sri Rahayu Asy'ari Dr dr Ahmad Hamim Sadewa	Prof. Dr. Mae Sri Hartati Wahyuningsih M.Si, Apt. Prof. Sunarti, M.Si

### C. Training Experiences

No	Training	Organizer	Year	Certification
1	Seminar aplikasimetode End-point PCR danrealtime PCR padaberbagaibidangpengujian	Genecraft	2017	
2	Workshop" Bagiamanamembuat herbal yang menarik	FK UGM	2017	
3	Nature Researh Academies Workshop	Universitas Negeri Yogyakarta and Springer Nature	2018	
4	Workshop on Systematic Review following Cohcrane Methods	UGM danCohcrane	2018	
5	Seminar How to Build a PhD Work	FakultasKedokteran, KesehatanMasyarakat, danKeperawatan UGM	2018	

6	Training on Good Clinical Practice	Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan UGM	2019	
---	------------------------------------	--	------	--

#### D. Research Experiences

No	Tahun	Title	Funding	
			Source	Amount (Million IDR)
1.	2014	Optimasi Enzim Selulase Kapang Hasil Isolasi Dari Lahan Pertanian Daerah Wukirsari Pasca Erupsi Merapi	DIPA UNY	10
2.	2014	Optimasi Produksi Senyawa Antimikrobia pada Cell Free Extract Hasil Fermentasi Bakteri Termofilik Pasca Erupsi Merapi	DIPA UNY(FMIPA)	5
3.	2015	Bioprospeksi Bakteri Termofilik Pasca Erupsi Merapi untuk Bioremediasi Limbah Logam Berat	DIPA UNY(FMIPA)	5
4.	2016	Skrining Dan Karakterisasi Bakteri Pelarut Fosfat Dari Isolat Bakteri Termofilik Pasca Erupsi Merapi	DIPA UNY(FMIPA)	5
5.	2017	Peningkatan Ukuran Pseudobulb melalui Peningkatan Konsentrasi Sukrosa dan Fosfat pada Medium Kultur In Vitro Anggrek <i>Dendrobium</i> dan <i>Cattleya</i>	DIPA UNY (FMIPA)	10
6.	2017	Karakterisasi Morfologi, Anatomi, Kandungan Metabolit Sekunder dan Molekular Aggrek <i>Rhynchostylis retusa</i> (L.) Blum	DIPA UNY (FMIPA)	10
7.	2017	Pemanfaatan Probiotik Untuk Meningkatkan Produktivitas Ayam Pedaging	DIKTI	75
8.	2018	Analisis Senyawa Metabolit Sekunder Dan Induksi Embrio Somatik Anggrek <i>Rhynchostylis retusa</i> (L.) Blume	DIPA UNY (FMIPA)	15
9.	2018	In Vivo And In Vitro Test Of Analgetical And Antiinflammatory Activity Of Infusa From Sirsat Leaves, Binahong Leaves, And Kelor Leaves	DIPA UNY (Hibah Pasca Sarjana)	75

### E. Community Services

No	Year	Activity	Funding	
			Source	Amount (Million IDR)
1.	2014	Pelatihan identifikasi Jajanan Sekolah yang Mengandung Bahan Tambahan makanan Berbahaya bagi Guru Pengelola Kantin Sekolah Playgroup dan Taman Kanak-Kanak Budi Mulia Dua	DIPA UNY	5
2.	2015	Peningkatan Potensi Gizi dan Nilai Ekonomis Produk Mie Lethek berdasar Teknologi Fermentasi Bakteri Amilolitik	DIPA UNY	10
3.	2016	Pelatihan Identifikasi Bahan Tambahan makanan Berbahaya pada Jajanan Sekolah di SD Muh Sleman	DIPA UNY	5
4.	2017	Pelatihan Teknik Dasar Kultur In Vitro Anggrek	DIPA UNY	5
5.	2017	Pelatihan Perawatan Dan Penanganan Hama Dan Penyakit Tanaman Anggrek Bagi Anggota Perhimpunan Anggrek Indonesia Cabang Daerah Istimewa Yogyakarta	DIPA UNY	5
6.	2018	Pelatihan Kultur In Vitro Sederhana (Skala Home Industry) untuk Perbanyak Bibit Anggrek bagi Petani Anggrek DIY	DIPA UNY	4,5

### F. International Conventions/Workshops/Seminars

No	International Convention/Workshop/Seminar	Year	Attending as
1.	ICRIEMS 2nd International Conference On Research, Implementation And Education Of Mathematics And Sciences 2014 FMIPA UNY Antimicrobial Activity Of Extra Celullar Protein Derived From Six Isolated Thermophilic Bacteria	2014	Paper Presenter
2.	ICRIEMS 3rd International Conference On Research, Implementation And Education Of Mathematics And Sciences FMIPA UNY Anticancer Property of Protein Isolated from Thermophilic Bacteria Against Breast T47D Cancer Cell Lines	2016	Paper Presenter
3.	Seminar Internasional IPB Improving Dendrobium antenatum Growth by enhancing Sucrose and Phospor Concentration on In Vitro Culture Medium	2017	Paper Presenter

4.	International Biotechnology Conference On Estate Crops 2017  Genetic similarity analysis of <i>Vanda tricolor</i> Lindley var. <i>Suavis</i> orchids using OPU 03 and OPU 16 RAPD marker	2017	Paper Presenter
5.	ICRIEMS 5rd International Conference On Research, Implementation And Education Of Mathematics And Sciences FMIPA UNY  Increasing Pseudobulb Growth of <i>Cattleya</i> Orchids in Various Concentrations of Phosphate and Sucrose on In Vitro Culture Medium	2018	Paper Presenter
6.	ICRIEMS 5rd International Conference On Research, Implementation And Education Of Mathematics And Sciences FMIPA UNY  Isolation and Characterization of Lactic Acid Bacteria as A Probiotic Candidate from Small Intestine Content of Enthok ( <i>Cairina Moschata</i> )	2018	Paper Presenter
7.	The 8th Annual Basic Science International Conference Malang  Genetic similarity analysis of <i>Rhynchostylis retusa</i> (L.) Blume orchids using OPA 15 and OPA 03 RAPD marker	2018	Paper Presenter

#### G. Local and/or National Conventions/Workshops/Seminars

No	Local and/or National Convention/Workshop/Seminar	Year	Attending as
1.	Seminar Nasional Pendidikan Biologi dan Biologi Jurdik Biologi FMIPA UNY "Isolasi dan Uji Aktivitas Enzim Amilase Termotabil dari Bakteri Termofilik Pasca Erupsi Marapi"	2014	Paper Presenter
2.	Seminar Nasional LPPM UNY "Resistensi Bakteri Termofilik Pasca Erupsi Merapi Terhadap Logam Berat"	2016	Paper Presenter
3.	Seminar Nasional Pendidikan Biologi dan Biologi Jurdik Biologi FMIPA UNY "Isolasi Bakteri Kandidat Probiotik dari Isi Usus Halus Ayam Kampung untuk Meningkatkan Produktivitas Ayam Pedaging"	2017	Paper Presenter
4.	Seminar Nasional Pendidikan Biologi dan Biologi Jurdik Biologi FMIPA UNY "Kemampuan Melarutkan Fosfat Oleh Bakteri Termofilik Pasca Erupsi Merapi pada Media Fosfat Organik dan Anorganik"	2017	Paper Presenter

5.	Seminar Nasional Pendidikan Biologi dan BiologiJurdik Biologi FMIPA UNY “Kemampuan Pelarutan Fosfat Oleh Bakteri Termofilik Pada Variasi Suhu Dan Ph”	2017	Paper Presenter
----	---	------	-----------------

#### H. Publications in International Journals

No	Title	Year	Journal/Edition
1.	The Synthesize of Silver Nanoparticle (Ag-Np) Made from Wasteof KotagedeSilver Handicraft Industry as an Antimicrobial Against Staphylococcus aureusand Escherichia coli	2015	Proceedings of 2015 International Conference on Biological and Environmental Science (BIOES 2015) Phuket, October 1-3, 2015, pp. 40-45ISBN 978-93-84422-41-7
2.	Anticancer Property of Protein Isolated from Thermophilic Bacteria Against Breast T47D Cancer Cell Lines	2016	Proceeding Of 3 Rd International Conference On Research, Implementation And Education Of Mathematics And Science Yogyakarta, 16 – 17 May 2016
3.	Screening And Characterization Of Phosphate Solubilizing Bacteria From Isolate Of Thermophilic Bacteria	2017	AIP Conference Proceedings 1868, 090015
4.	Increasing Pseudobulb Growth of Cattleya Orchids in Various Concentrations of Phosphate and Sucrose on In Vitro Culture Medium	2018	5th ICRIEMS 2018
5.	Genetic similarity analysis of <i>Rhynchostylis retusa</i> (L.) Blume orchids using OPA 15 and OPA 03 RAPD marker	2018	AIP Conference Proceedings 2021, 050005 <a href="https://doi.org/10.1063/1.5062755">https://doi.org/10.1063/1.5062755</a>
6.	Genetic similarity analysis of <i>Vanda tricolor</i> Lindley var. <i>Suavis</i> orchids using OPU 03 and OPU 16 RAPD marker	2018	IOP Conf. Series: Earth and Environmental Science183 doi :10.1088/1755-1315/183/1/012005

7.	Increasing <i>Rhynchostylisretusa's</i> Callus Formation by Immersing Explant in Ascorbic Acid and Planting on Activated Charcoal Contained Medium	2019	Journal of Physics: Conference Series doi:10.1088/1742-6596/1241/1/012060
----	--	------	--

#### I. Publications in National Journals

No	Title	Year	Journal/Edition
1.	Isolasi dan Uji aktivitas enzim lipase termostabil dari bakteri termofilik pasca erupsi Merapi	2014	Jurnal Sain Dasar Vol. 3 No.1 April 2014 ISSN: 2085-9872 Penerbit :FMIPA UNY Hal. 9-19
2.	Seleksi Bakteri Termofilik Selulolitik Pasca Erupsi Merapi	2014	Jurnal Sains dan Teknologi Kaunia Vol.X No.2, Oktober 2014 2014/1435 Penerbit
3.	Optimalisasi Enzim Selulase Kapang Hasil Isolasi dari Lahan pertanian Daerah Wukirsari Pasca Erupsi Merapi	2015	Jurnal Sains Dasar Vol.4 No.1, April 2015 Penerbit :FMIPA UNY Hal. :77-86ISSN. 2085-9872
4.	Optimasi Produksi Senyawa Antimikrobia pada Cell Free Extract Hasil Fermentasi Bakteri Termofilik Pasca Erupsi Merapi	2015	Jurnal Sains Dasar Vol.4 No.2, April 2015 Penerbit :FMIPA UNY Hal. :140-144ISSN. 2085-9872
5.	Pengaruh Variasi Konsentrasi bahan Aditif Larutan nanopartikel Perek Terhadap Sifat Anti-Jamur Cat Dinding Sebagai Aplikasi Teknologi nano dalam Industri cat Dinding	2016	Jurnal Inovasi dan Aplikasi Teknologi INOTEK Vol.20 No.1, Februari 2016 Penerbit:LPPM UNY Hal. :1-18ISSN. 1411-3554
6.	Optimization of Antimicrobial Substance Production in Cell Free Extract from Thermophylic Bacteria Fermentation after Merapi Eruption	2016	Jurnal Sains Dasar 4(2), 140-144 (Index: Google Scholar, DOAJ, IPI, Universal Impact Factor, EBSCO, SINTA, BASE, University of Oxford,

#### J. Books Published

No	Year	Title	Page Count	Publisher
1.				

**K. Structural Positions Held**

No	Position	Year	Additional Notes
1.	Kaprodi Biologi	2011 - 2015	

**L. Professional Experiences**

No	Position	Year	Additional Notes
1.			

**M. Professional Organization Memberships**

No	Organization	Year	Position
1.	PBI	2016-now	Member
2.	PAI	2016-now	Member
3.	HPBBI	2016 - now	Member

Yogyakarta, 2 July 2019

**EvyYulianti. M.Sc.**  
**NIP. 198007262005012001**