



UNIVERSITAS KATOLIK INDONESIA
ATMA JAYA
Tapanya Kualitas Selamanya

Staff Handbook

FACULTY OF BIOTECHNOLOGY

<https://www.atmajaya.ac.id>



STAFF HANDBOOK



Name	Dr. Listya Utami Karmawan S.Si., M.Si.		
Post	Undergraduate Biotechnology Department Teaching Area: Biostatistics, plant biotechnology, genetics, information technology, cell and tissue culture		
Academic Career	Appointment	Institution	Year
	Doctoral (Biology)	Institut Teknologi Bandung	2019
	Magister (Biotechnology)	Institut Teknologi Bandung	2008
	Undergraduate Degree (Biology)	Institut Teknologi Bandung	2006
Employement	Position	Employer	Period
	Head of Biotechnology Program	Undergraduate Biotechnology Department Atma Jaya Catholic University of Indonesia	2019 - Now

	Lecturer	Undergraduate Biotechnology Department Atma Jaya Catholic University of Indonesia	2008 - Now
	Head of Plant Tissue Culture Laboratory	Undergraduate Biotechnology Department Atma Jaya	2019 - 2020
		Catholic University of Indonesia	2010 - 2013
	Vice Dean for Student Affair	Undergraduate Biotechnology Department Atma Jaya Catholic University of Indonesia	2010 - 2013

Research and
Development
projects over the
last 5 years

Name of project or research focus	
1.Microsatelite Analysis in Begonia 2.RAPD Analysis in Begonia 3.Expression Analysis of Fusarium Intected Banana, Preinoculated by Beneficial Bacterial	
Period and any other information	
1.2024 2.2023 3.2022	
Partners, if applicable	
1.BRIN Kebun Raya Bogor 2.BRIN Kebun Raya Bogor 3.-	
Amount of financing	
1.Rp 27.000.000,00 2.Rp 20.000.000,00 3.Rp 21.820.000,00	

Industry
collaborations
over the last 5
years

Rambutan Parakan Molecular Marker (RAPD) Bappeda (2024)
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Patents and proprietary rights	Pengenalan Genetika - Introduction to Genetics July 20th 2023 PROSPEK MAKADAMIA KACANG LEZAT PENUH MANFAAT Biotech Talk Ep. 05 Pengenalan Kombucha October 7th 2022
Important publications over the last 5 years	Author (s): 1.Alexander Willy Dimaswarabrata, Anastasia Tatik Hartanti, Listya Utami Karmawan 2.Angelina Putri Indi Tjahjono, Listya Utami Karmawan 3.Maria Madelaine Nicole, Yanti, Listya Utami Karmawan 4.Dionysius Subali, Vasya Theodora Givianty, Anastasia Tatik Hartanti, Listya Utami Karmawan 5.Listya Utami Karmawan, Yanti Yanti, Bryan Khouw Title: 1.Utilization of Tempeh Extract as an Organic Supplement Alternative for Banana Tissue Culture 2.Optimization of Surface Sterilization and Organogenesis Protocol for Monstera spp. 3.Inisiasi Bibit Andaliman (Zanthoxylum acanthopodium DC.) melalui Teknik Kultur In vitro 4.OPTIMIZATION OF COMPOSTING GROWING MEDIA TIME AND RICE HUSK ADDITION IN Auricularia auricula CULTIVATION 5.Development of Mutagenesis Method Using Ethyl Methane Sulfonate (EMS) as an Initial Stage of Breeding Red Ginger (Zingiber officinale Rosc.) Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers: 1.International Proceeding, December 30th 2023. 2.National Proceeding, August 27th 2022, Vol 1:178-183 3.National Journal Nasional, February-July 2023, Vol 4 (1) 4.National Journal Nasional, October 2023, Vol 16(2): 423-433 5.National Preoceeding, August 27th 2022, Vol 1: 184-197
Publication accreditation platform	Scopus : https://www.scopus.com/authid/detail.uri?authorId=57202496029 Sinta : https://sinta.kemdikbud.go.id/authors/profile/5986795



Activities in specialist bodies over the last 5 years	Organization	Role	Period
	IPSBI	Chairwoman	2022 - Now



STAFF HANDBOOK



Name	Dionysius Subali S.Si., M.Biotek.		
Post	Undergraduate Biotechnology Department Teaching Area: Fungi biotechnology, functional food and nutraceuticals, fermentation technology		
Academic Career	Appointment	Institution	Year
	Magister (Biotechnology)	Unika Atma Jaya	2019
	Undergraduate Degree (Biology)	Unika Atma Jaya	2016
Employment	Position	Employer	Period
	Lecturer	Undergraduate Biotechnology Department Atma Jaya Catholic University of Indonesia	2019 - Now
Research and Development projects over the last 5 years	Name of project or research focus 1.BUDIDAYA JAMUR TIRAM DENGAN TAMBAHAN LIMBAH PENGOLAHAN TEMPE SEBAGAI SUBSTRAT		

	Period and any other information 1.2024
	Partners, if applicable 1.Unika Atma Jaya
	Amount of financing 1.Rp 10.000.000
Industry collaborations over the last 5 years	Riset Proyek Nutrigenomik, Nutrigenetik, dan Sport Nutrition Nutrifood Research Center
Patents and proprietary rights	FORMULASI OBAT ANTI-SINDROM KARDIOMETABOLIK DARI EKSTRAK ANGGUR LAUT (Caulerpa racemosa) October 17th 2022 PROSES PEMBUATAN SPORTS ENERGY GEL BERBASIS TAPE UBI JALAR UNGU February 15th 2023 PRODUK MINUMAN ISOTONIK ANTOSIANIN BERAS HITAM DENGAN KOPIGMENTASI KATEKIN GAMBIR UNTUK MENINGKATKAN PERFORMA OLAHRAGA February 18th 2022
Important publications over the last 5 years	Author (s): 1.Saputri, R.A., Muliadi, R.D., Subali, D., Kartawidjajaputra, F. and Suwanto, A. 2.Dionysius Subali, Rudy Kurniawan, Reggie Surya, In-Seon Lee, Sanghyun Chung, Seok-Jae Ko, Myunghan Moon, Jinwon Choi, Moon Nyeo Park, Nurpudji Astuti Taslim, Hardinsyah Hardinsyah, Fahrul Nurkolis, Bonglee Kim, Kwan-il Kim. 3.Revelo Eved Christos, Anastasia Tatik Hartanti, Dionysius Subali 4.Happy Kurnia Permatasari, Fahrul Nurkolis, Muhammad Iqhrammull, Rony Abdi Syahputra, Rudy Kurniawan, Dionysius Subali, Reggie Surya, Dian Aruni Kumalawati, Faqrizal Ria Qhabibi, Vika Anggari, Raymond R. Tjandrawinata, Nelly Mayulu, Hardinsyah Hardinsyah, Nurpudji Astuti Taslim, Andi Yasmin Syauki, Bonglee Kim 5.Yones Guntoro Aji, Stella Melita, Rendy Dijaya, Dionysius Subali, Felicia Kartawidjajaputra, Antonius Suwanto

Title:

- 1.Effects of genetic disclosure based on gene polymorphisms inTAS1R2 (rs12033832) and UCP-2 (rs659366) on sugar restriction
- 2.Revealing the Mechanism and Efficacy of Natural Products on Treating the Asthma: Current Insights from Traditional Medicine to Modern Drug Discovery
- 3.The Potential of Mycofoam as a Biocomposite Material with Various Substrate and Mushroom Compositions
- 4.Unveiling the importance role of lutein-plant based nanoencapsulation – a future effort to improve their stability and bioaccessibility in combating ocular melanoma
- 5.Evaluation of Caffeine Ingested Timing on Endurance Performance based on CYP1A2 rs762551 Profiling in Healthy Sedentary Young Adults

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers:

- 1.International Journal, August 2024, Vol 8 (4): 17 - 24
- 2.International Journal, June 15th 2024, Vol 10 (11): 1 - 26
- 3.National Journal, March 2024, Vol 10 (1): 7 - 14
- 4.International Journal, 2024, Vol 22 (1): 1 -11
- 5.International Journal, January 2023, Vol 11 (4): 663 - 671

Publication accreditation platform

Scopus :
<https://www.scopus.com/authid/detail.uri?authorId=57208425777>

Sinta :
<https://sinta.kemdikbud.go.id/authors/profile/6749763>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Daru Seto Bagus Anugrah S.Si., M.Eng		
Post	Undergraduate Biotechnology Department Teaching Area: Biophysics, bioanalytical chemistry, scientific writing		
Academic Career	Appointment	Institution	Year
	Magister	Pukyong National University	2019
	Undergraduate Degree	Universitas Diponegoro	2016
Employment	Position	Employer	Period
	Expert Assistant	Undergraduate Biotechnology Department Atma Jaya Catholic University of Indonesia	-
Research and Development projects over the last 5 years	Name of project or research focus 1.Eksplorasi Peptida bioaktif Susu Kambing Peranakan Etawa sebagai Antioksidan, Antihipertensi dan Antidiabetes serta aplikasinya dalam produk pangan fungsional		

- 2. Encapsulation from sesame liposomes for vitamin C
- 3. Smart packaging from Cassava Starch–Chitosan Incorporated with Red Dragon Fruit Peel Anthocyanins–Gambier Catechins

Period and any other information

- 1.2024
- 2.2023
- 3.2019

Partners, if applicable

- 1. -
- 2.Unika Atma Jaya
- 3.Unika Atma Jaya

Amount of financing

- 1.Rp 144.600.000
- 2.-
- 3.-

Industry collaborations over the last 5 years

-

Patents and proprietary rights

Modul Pelatihan Penerapan Teknologi Smoked Fish & Peningkatan Kewirausahaan
October 26th 2023
Modul Pelatihan Penerapan Teknologi Smoked Fish & Peningkatan Kewirausahaan
PROSES PEMBUATAN PRODUK FILM INDIKATOR BERBAHAN N-GLUTARIL KITOSAN DAN EKSTRAK ANTOSIANIN BUNGA TELANG (Clitoria ternatea) UNTUK MENDETEKSI KESEGARAN DAGING DADA AYAM
July 29th 2022

Important publications over the last 5 years

Author (s):

- 1.Christian Kenneth, Daru Seto Bagus Anugrah, Jeffry Julianus, Sendy Junedi
- 2.Jovita Aurelia, Daru Seto Bagus Anugrah, Enny Widawati
- 3.Deka Prismawan, Michael, Nicky Nathanael, Vivian, Daru Seto Bagus Anugrah
- 4.Daru Seto Bagus Anugrah, Deka Prismawan, Michael, Caitlin Leticia Apin, Alicia Angela Tanoso
- 5.Permono Adi Putro, Tedi Sumardi, Ahmad Sofyan Sulaeman, Liszulfah Roza, Harry Ramza, Daru Seto Bagus Anugrah

Title:

- 1.Molecular insights into the inhibitory potential of anthocyanidins on glucokinase regulatory protein

2. Persepsi Masyarakat Terhadap Singkong yang Dimasak dengan Biogas Lebih Tinggi Dibandingkan dengan LPG Melalui Evaluasi Sensori: Studi Kasus di Subang, Jawa Barat

3. Identifikasi Karakteristik Bakteri pada Bus Umum di Daerah Jakarta Utara

4. Penurunan Kualitas AirReverse OsmosisSelama PenyimpananDitinjau dariKontaminasi Bakteri

5. Synthesizing Cellulose and Its Derivatives from Pineapple Peel: A Systematic Literature Review

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.International Journal, July 19th 2023, 1 - 17

2.Internal National Journal, July 7th 2024, Vol 15 (2): 82 - 103

3.Internal National Journal, June 28th 2024, Vol 15 (2): 51 - 62

4.Internal National Journal, June 30th 2024, Vol 14 (2): 62 - 68

5.International Journal, March 26th 2024, Vol 13 (6): 1 - 16

Publication accreditation platform

Scopus :

<https://www.scopus.com/authid/detail.uri?authorId=57202875287>

Sinta :

<https://sinta.kemdikbud.go.id/authors/profile/6725936>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Renna Eliana Warjoto S.Si., M.Sc.		
Post	Undergraduate Biotechnology Department Teaching Area: Plant biotechnology, genetics, scientific writing, bioreactor engineering, cell and tissue culture techniques, fermentation technology, bioremediation		
Academic Career	Appointment	Institution	Year
	Magister	Wageningen University & Research	2017
	Undergraduate Degree	Institut Teknologi Bandung	2016
Employment	Position	Employer	Period
	Lecturer	Undergraduate Biotechnology Department Atma Jaya Catholic University of Indonesia	-
Research and Development projects over the last 5 years	Name of project or research focus 1.AKTIVITAS ANTIOKSIDAN, ANTIBAKTERI, DAN ANTI-INFLAMASI SENYAWA KAROTENOID HASIL FERMENTASI KHAMIR MERAH RHODOSPORIDIUM PALUDIGENUM		

2. Carotenoid Production from Orange Peel

Period and any other information

- 1.2021
- 2.2020

Partners, if applicable

- 1.Unika Atma Jaya
- 2.Unika Atma Jaya

Amount of financing

- 1.Rp 15.000.000
- 2.-

**Industry
collaborations
over the last 5
years**

-

**Patents and
proprietary
rights**

Ayo! Kelola Limbah Masker Bekas Pakai

**Important
publications
over the last 5
years**

Author (s):

- 1.Renna Eliana Warjoto, Theresia Andriana, Bibiana Widiati Lay
- 2.Tati Barus, Adrina Weisa, Renna Eliana Warjoto
- 3.Renna Eliana Warjoto
- 4.Renna Eliana Warjoto
- 5.Renna Eliana Warjoto, Meda Canti, Anastasia Tatik Hartanti

Title:

- 1.Produksi Karotenoid oleh Rhodosporidium paludigenum dalam Media Yeast Peptone Dextrose dengan Suplementasi Molase
- 2.Potensi Spons sebagai Media Alternatif Budidaya Sayuran dengan Sistem Hidroponik
- 3.This is how microorganisms can produce renewable energy for us
- 4.Bagaimana makhluk hidup bisa menjadi sumber daya listrik terbarukan
- 5.Metode Komposting Takakura untuk Pengolahan Sampah Organik Rumah Tangga di Cisauk, Tangerang

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers:

- 1.National Journal, December 2nd 2021, Vol 9 (2): 620 - 630

- 2. National Journal, June 2021, Vol 5 (1): 7 -11
- 3. International Mass Media, December 2nd 2020
- 4. International Mass Media, November 11th 2020
- 5. Internal National Journal, December 2018, Vol 10 (2): 76 - 90

Publication
accreditation
platform

Scopus :
<https://www.scopus.com/authid/detail.uri?authorId=57210446741>

Sinta :
<https://sinta.kemdikbud.go.id/authors/profile/6686246>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name		Watumesa Agustina Tan S.Si., Ph.D.	
Post		Undergraduate Biotechnology Department Teaching Area: Science communication, environmental microbiology, bioremediation, information technology	
Academic Career	Appointment	Institution	Year
	PhD	University of California, Davis	2016
	Undergraduate Degree	Unika Atma Jaya	2007
Employment	Position	Employer	Period
	Lecturer	Undergraduate Biotechnology Department Atma Jaya Catholic University of Indonesia	Now
Research and Development projects over the last 5 years	Name of project or research focus 1.Komponen Bioaktif Mikroba dari Berbagai Sumber Sebagai Anti quorum sensing dan Antibiofilm untuk Mengontrol Patogen Akuakultur 2.PENAPISAN BAKTERI PENGHASIL BIOUREA DARI LIMBAH KAYA PROTEIN		

Period and any other information

- 1.2024
- 2.2023

Partners, if applicable

- 1.Unika Atma Jaya
- 2.Unika Atma Jaya

Amount of financing

- 1.Rp 130.980.000
- 2.Rp 41.211.111

Industry collaborations over the last 5 years

-

Patents and proprietary rights

-

Important publications over the last 5 years

Author (s):

- 1.Watumesa Agustina Tan, Gabrielle Celina and Stephanie Pranawijaya
- 2.Moh Alfarizqy, Rahma Sekar Andini, Robby Irfany Maqoma, Arif Nur Muhammad Ansori, Dionysius Subali, Fajri Fadhillah, Watumesa A. Tan, Yulanda Antonius
- 3.Joshua Abednego Wicaksono, Tresnawati Purwadaria, Adi Yulandi & Watumesa Agustina Tan
- 4.Watumesa A. Tan, Helen Surya Teja, Stephanie
- 5.Watumesa Agustina Tan, Fedho Kusuma

Title:

- 1.Bioremediation in the Marine Environment: Challenges and Prospective Methods for Enhancement
- 2.Apakah bioteknologi berdampak negatif terhadap lingkungan? 3 dari 5 ahli mengatakan tidak
- 3.Bacterial dynamics during the burial of starch-based bioplastic and oxo-low-density-polyethylene in compost soil
- 4.Ramularia mali strains isolated from petroleum product-contaminated soil are capable to grow on multiple aromatic compounds
- 5.Genetic diversity of phenol hydroxylase-encoding genes among wastewater sludge bacteria

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers:

1.Reputable International Proceeding, March 21st 2023, Vol 374 (2): 1 - 10

2.National Mass Media, September 26th 2023.

3.International Journal, 2022, Vol 309 (22): 1 - 11

4.International Journal, August 2020, Vol 22 (8): 3590 - 3595

5.International Journal, October 2021, 22 (10): 4291-4297

Publication accreditation platform	Scopus :
	https://www.scopus.com/authid/detail.uri?authorId=56446166000
	Sinta :
	https://sinta.kemdikbud.go.id/authors/profile/5985907

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name		Dr. Yasinta Ratna Esti Wulandari S.Si, M.Si.	
Post		Undergraduate Biotechnology Department Teaching Area: Bioethics, plant biotechnology, physiology	
Academic Career	Appointment	Institution	Year
	Doctoral (Plant Biology)	Institut Pertanian Bogor	2023
	Magister (Plant Biology)	Institut Pertanian Bogor	2009
	Undergraduate Degree (Biology)	Institut Pertanian Bogor	2004
Employment	Position	Employer	Period
	Lecturer	Undergraduate Biotechnology Department Atma Jaya Catholic University of Indonesia	2011 - Now

	Research Assistant	LIPI	2009 - 2010
Research and Development projects over the last 5 years	Name of project or research focus		
	PkM DRTPM Hidroponik		
	Period and any other information		
	June 1st 2024 - December 29th 2024		
	Partners, if applicable		
	Kampung Tempe Ciomas Rahayu		
	Amount of financing		
	Rp 45.500.000		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	Author (s):		
	1.Yasinta Ratna Esti Wulandari, Yogiara, Isabel Livena Young 2.Yasinta Ratna Esti Wulandari, Yogiara, Michael Lizar 3.Yasinta Ratna Esti Wulandari, Anastasia Tatik Hartanti, Bernard Atviano 4.Felicia Rustam, Arild Ranlym Arifin, Antonius Suwanto, Yasinta Ratna Esti Wulandari 5.Yasinta Ratna Esti Wulandari, Vivitri Dewi Prasasty1, Adrianus Riol and Cindy Geniola		
	Title:		
	1.Detection of Mulatexin in Local Mulberry Plants (Morus spp.) from Bogor, West Java, Indonesia 2.Short Communication: Detection of lectin gene (MLL1 and M35) in mulberry plant (Morus spp.) from Bogor, West Java, Indonesia		

- 3. URBAN FARMINGDENGAN HIDROPONIK MENGGUNAKAN ZAT PENGATUR TUMBUHUNTUK PENINGKATAN PERTUMBUHAN TANAMAN KANGKUNG
- 4. EgMLP1 Gene Expression in Oil Palm Ramet Infected with Ganoderma boninense
- 5. Determination of 1-Deoxynojirimycin Content and Phytochemical Profiles from Young and Mature Mulberry Leaves of Morus Spp.

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers:

- 1.International Journal, July 2021, Vol 28 (3): 193 - 198
- 2.International Journal, November 6th 2018, Vol 19 (6): 2381 - 2384
- 3.Internal National Journal, June 2019, Vole 11 (1): 1 - 13
- 4.International Journal, May 2018, Vol 1 (2): 87 - 94
- 5.International Journal, June 3rd 2019, Vol 19 (2): 124 - 131.

Publication accreditation platform

Scopus :
<https://www.scopus.com/authid/detail.uri?authorId=57170745800>

Sinta :
<https://sinta.kemdikbud.go.id/authors/profile/5985011>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Masyarakat Bioinformatika dan Biodivestias Indonesia (MABBI)	Member	2022
	Ikatan Dosen Katolik Indonesia (IKDKI)	Member	2021
	Perhimpunan Biologi Indonesia (PBI)	Member	2019
	AFOB	Member	2015

STAFF HANDBOOK



Name		Dr. Irvan Faizal , S.TP., M.Eng	
Post		Undergraduate Biotechnology Department Teaching Area: Microbiology, bioremediation, bioreactor engineering, fermentation technology	
Academic Career	Appointment	Institution	Year
	Doctoral	Hiroshima University	2007
	Magister	Hiroshima University	2004
	Undergraduate Degree	Institut Pertanian Bogor	1994
Employment	Position	Employer	Period
	Lecturer	Undergraduate Food Technology Department Atma Jaya Catholic University of Indonesia	-

Research and Development projects over the last 5 years	Name of project or research focus	
	1.DESAIN RAPID DIAGNOSTIC TEST LAMP (LOOP-MEDIATED ISOTHERMAL AMPLIFICATION) BERBASIS WHOLE GENOME SEQUENCES MYCOBACTERIUM TUBERCULOSIS MULTI DRUG RESISTANCE INDONESIA	
	Period and any other information	
	1.2024	
	Partners, if applicable	
	1.Unika Atma Jaya	
	Amount of financing	
	1.Rp 26.940.000	
	Industry collaborations over the last 5 years	
	-	
	Patents and proprietary rights	
	-	
	Author (s):	
	1.Shania Safera Tandio Saputro, Khayu Wahyunita, Astutiati Nurhasanah, Yudhi Nugraha, Irvan Faizal, Sabar Pambudi, Andri Pramesyanti Pramono	
	2.Rizky Priambodo, Irvan Faizal, Abinawanto Abinawanto, Anom Bowolaksono	
Important publications over the last 5 years	3.Tania Widjaja, Arif Nur Muhammad Ansori, Viol Dhea Kharisma, Irvan Faizal, Yulanda Antonius, Joko Pebrianto Trinugroho, Rasyadan Taufiq Probojati, Muhammad Hermawan Widyananda, Pavel Burkov, Pavel Scherbakov, Vera Gribkova, Natalia Nikolaeva, Natalia Vasilievich, Vikash Jakhmola, Md Emdad Ullah, Arli Aditya Parikesit, Rahadian Zainul	
	4.Taufik Ramdani Tohari, Isa Anshori, Umi Baroroh, Antonius Eko Nugroho, Gilang Gumilar, Shinta Kusumawardani, Sari Syahrini, Brian Yuliarto, Wyanda Arnafia, Irvan Faizal, Yeni Wahyuni Hartati, Toto Subroto, Muhammad Yusuf	
	5.S Immanissa, I Faizal, A Salamah, IA Sari, AW Susilo	

Title:

- 1.Expression of modified enhanced green fluorescent polyarginine protein in Saccharomyces cerevisiae INVSc1
- 2.Transferrin gene profiling from various species and strains of tilapia in Indonesia
- 3.B-Cell Conserved Epitope Screening and In Silico Cloning of Envelope Glycoprotein from Ebola Virus (EBOV) For Vaccine Candidate Construction.
- 4.Development of a Single-Chain Variable Fragment of CR3022 for a Plasmonic-Based Biosensor Targeting the SARS-CoV-2 Spike Protein
- 5.Genetic variation in Maturase K (matK) from cacao (Theobroma cacao L.) varieties in Indonesia

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers:

- 1.International Journal, March 27th 2024, Vol 12 (1): 1 - 32
- 2.International Journal, February 6th 2024, Vol 2710 (1): 1 - 5
- 3.National Journal, April 1st 2023, Vol 34 (2): 193 - 204
- 4.International Journal, December 6th 2022, Vol 12 (12): 1 - 15
- 5.International Journal, March 1st 2020, Vol 481 (1): 1 - 6

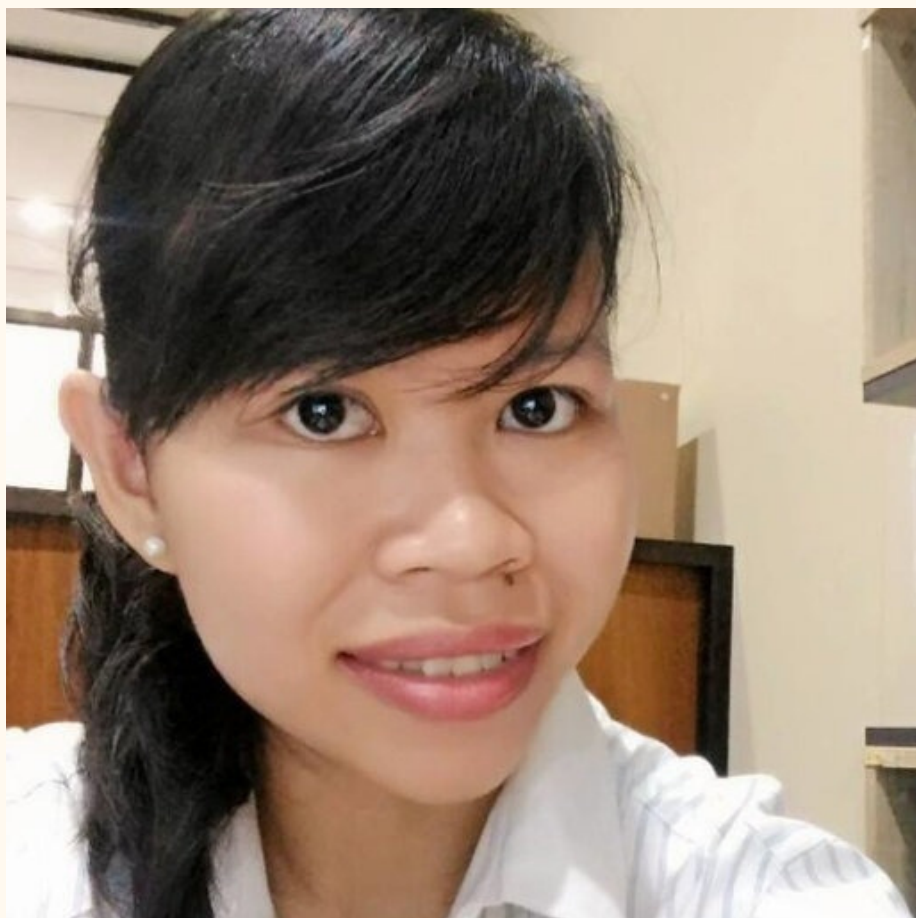
Publication accreditation platform

Scopus :
<https://www.scopus.com/authid/detail.uri?authorId=9742579300>

Sinta :
<https://sinta.kemdikbud.go.id/authors/profile/6674476>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name Birgitta Narindri Rara Winayu, S.T.P., M.Sc., Ph.D.

Post Undergraduate Biotechnology Department
Teaching Area: -

Academic Career	Appointment	Institution	Year
	PhD (Department of Environmental Engineering)	National Cheng Kung University	2021
	Magister (Agricultural Technology)	Universitas Gadjah Mada	2014
	Undergraduate Degree (Agricultural Technology)	Universitas Brawijaya	2012

Employment	Position	Employer	Period
	Lecturer	Undergraduate Food Technology Department Atma Jaya Catholic University of Indonesia	-

Research and Development projects over the last 5 years

Name of project or research focus
CO2 Fixation and macromolecules accumulation using Thermosyneschooccus sp

Period and any other information
2023

Partners, if applicable
-

Amount of financing
-

Industry collaborations over the last 5 years

-

Patents and proprietary rights

-

Important publications over the last 5 years

- Author (s):
- 1.Birgitta Narindri Rara Winayu, Chia-Sheng Shih, Ting-Ke Tseng, Hsin Chu
 - 2.Birgitta Narindri Rara Winayu, Wei-Ming Tsai, Ting-Ke Tseng, Hsin Chu
 - 3.Birgitta Narindri Rara Winayu, Min-Rong Hsu, Hsin Chu
 - 4.Birgitta Narindri Rara Winayu, Kai-Chiun Liang, Hsin Chu
 - 5.Birgitta Narindri Rara Winayu, Yu-Qian Liu, Hsin Chu

- Title:
- 1.Styrene removal by low-temperature catalytic oxidation using Mn2O3/Al2SiO5
 - 2.Stability in catalytic oxidation of styrene over Co3O4/Al2O3
 - 3.Comparison of Cr and Sr doping into TiO2 for photocatalytic removal of gaseous 1, 2 dichloroethane
 - 4.Investigation on desulfurization and ground granulated blast furnace slags reutilization for carbon dioxide sorption in a fluidized bed reactor
 - 5.Competent visible light driven photocatalytic removal of gaseous styrene over TiO2/g-C3N4: Characterization, parameters, kinetics, mechanism

Publisher, place of publication, date of publication
or name of periodical, volume, issue, page numbers.

- 1.International Journal, January 1st 2024, Vol 184 :
111739
2.International Journal, March 1st 2024, Vol 203 : 51 - 59
3.International Journal, May 1st 2024, Vol 450 : 115486
4.International Journal, August 1st 2024, Vol 161 : 105527
5.International Journal, November 1st 2024, Vol 164 :
105677

Publication
accreditation
platform

Scopus :
[https://www.scopus.com/authid/detail.uri?
authorId=57221078189](https://www.scopus.com/authid/detail.uri?authorId=57221078189)
Sinta :

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Prof. Maggy Thenawidjaja Suhartono, Ph.D.		
Post	Undergraduate Biotechnology Department Teaching Area: Bioethics, enzyme biotechnology, introduction biotechnology		
Academic Career	Appointment	Institution	Year
	PhD (Biochemistry)	University of Hawaii	-
	Undergraduate Degree (Agricultural Technology)	Institut Pertanian Bogor	-
Employment	Position	Employer	Period
	Professor	Post Graduate Biotechnology Department Atma Jaya Catholic University of Indonesia	Now
Research and Development projects over the last 5 years	Name of project or research focus 1. Eksplorasi Peptida bioaktif Susu Kambing Peranakan Etawa sebagai Antioksidan, Antihipertensi dan Antidiabetes serta aplikasinya dalam produk pangan fungsional		

-
- 2.Eksplorasi Peptida bioaktif Susu Kambing Peranakan Etawa sebagai Antioksidan, Antihipertensi dan Antidiabetes serta aplikasinya dalam produk pangan fungsional
 3. Eksplorasi Peptida bioaktif Susu Kambing Peranakan Etawa sebagai Antioksidan, Antihipertensi dan Antidiabetes serta aplikasinya dalam produk pangan fungsional
 - 4.Purifikasi dan Karakterisasi Enzim Fibrinolitik Dari Mikroba Pangan Fermentasi Terasi dan Petis
 - 5.Kajian Mekanisme Kerja dan Proteomik Enzim Fibrinolitik Dari Mikroba Pangan Fermentasi Tempoyak Yang Berpotensi Sebagai Pencegah Penyakit Kardiovaskular
 - 6.Pengaruh Intervensi Minyak Bekatul terhadap Ekspresi Berbagai Gen Terkait Metabolisme Lemak di Organ Hati Pada Tikus Coba
 - 7.Kajian Mekanisme Kerja dan Proteomik Enzim Fibrinolitik Dari Mikroba Pangan Fermentasi Tempoyak Yang Berpotensi Sebagai Pencegah Penyakit Kardiovaskular
 - 8.Pengaruh Intervensi Minyak Bekatul terhadap Ekspresi Berbagai Gen Terkait Metabolisme Lemak di Organ Hati Pada Tikus Coba
-

Period and any other information

- 1.2024
 - 2.2023
 - 3.2022
 - 4.2021
 - 5.2020
 - 6.2020
 - 7.2019
 - 8.2019
-

Partners, if applicable

- 1.BIMA
 - 2.BIMA
 - 3.BIMA
 - 4.BIMA
 - 5.BIMA
 - 6.BIMA
 - 7.BIMA
 - 8.BIMA
-

Amount of financing

- 1.Rp 144.600.000
 - 2.Rp 123.760.000
 - 3.Rp 120.600.000
 - 4.Rp 58.220.000
 - 5.Rp 57.240.000
 - 6.Rp 294.105.000
 - 7.Rp 60.000.000
 - 8.Rp 294.105.000
-

Industry collaborations over the last 5 years

-

Patents and proprietary rights

PROSES PEMBUATAN SERBUK MINUMAN PEPTIDA SUSU KAMBING
December 6th 2022
PROSES PEMBUATAN MINUMAN TEH LATTE BUNGA TELANG (Clitoria ternatea) DENGAN PENAMBAHAN PEPTIDA BIOAKTIF BERBASIS SUSU KAMBING SEBAGAI ANTIOKSIDAN
December 6th 2021

Important publications over the last 5 years

Author (s):
1.Faiza A. Dali, Nurjanah Nurjanah, Hanifah N. Lioe, Maggy T. Suhartono
2.Meda Canti, Katarina Aninda Karisma Palupi, Maggy Thenawidjaja Suhartono
3.DIANA LESTARI, HARSI DEWANTARI
KUSUMANINGRUM, MAGGY THENAWIDJAJA SUHARTONO

Title:
1.Biochemical characterization of trypsin from Indonesian skipjack tuna (Katsuwonus pelamis) viscera
2.Physicochemical and Sensory Properties of Protein Isolate from Anchovy (Stolephorus insularis)
3.DEGRADATION OF CAPRINE CASEIN BY PAPAIN, AND ITS ANTIBACTERIAL EFFECT TOWARDS ESCHERICHIA COLI

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.International Journal, 2024, Vol 9: 1 - 10
- 2.National Journal, 2022, 17(1): 35-43
- 3.International Journal, 2022, Vol 23 (1): 63 - 71

Publication accreditation platform

Scopus :
<https://www.scopus.com/authid/detail.uri?authorId=57196395320>

Sinta :
<https://sinta.kemdikbud.go.id/authors/profile/5994851>

Activities in specialist bodies over the last 5 years

Organization	Role	Period
-	-	-

STAFF HANDBOOK



Name		Yuri Sutanto, Ph.D.	
Post		Undergraduate Biotechnology Department Teaching Area: Farm biotechnology principles, high - tech product marketing	
Academic Career	Appointment	Institution	Year
	PhD (Microbiology)	University of Illinois at Urbana-Champaign	2003
	Magister (Microbiology)	University of Illinois at Urbana-Champaign	2000
	Undergraduate Degree (Biology)	Institut Pertanian Bogor	1997
Employement	Position	Employer	Period
	Lecturer	Post Graduate Biotechnology Department Atma Jaya Catholic University of Indonesia	2017 - Now

Research and Development projects over the last 5 years

Name of project or research focus

1.ISOLASI, KONFIRMASI, DAN KARAKTERISASI FRANCISELLA SP SEBAGAI PATOGEN PENYEBAB KEMATIAN IKAN DALAM BUDIDAYA TILAPIA (OREOCHROMIS SP) DI INDONESIA

2.EFFECT OF EGG-DISINFECTION ON PENAEID

Period and any other information

1.2021

2.2020

Partners, if applicable

1.Unika Atma Jaya

2.Unika Atma Jaya

Amount of financing

1.Rp 13.500.000

2.Rp 20.000.000

Industry collaborations over the last 5 years

-

Patents and proprietary rights

-

Important publications over the last 5 years

Author (s):

1.Yuri Susanto et al.

2.Yuri Susanto et al.

3.Cheng Q, Sutanto Y et al.

Title:

1.Factors required in vitro for excision of the Bacteroides conjugative transposon, CTnDOT

2.Characterization of Exc, a novel protein required for the excision of Bacteroides conjugative transposon

3.Identification of genes required for excision of CTnDOT, a Bacteroides conjugative transposon

Publisher, place of publication, date of publication
or name of periodical, volume, issue, page numbers.

1.International Journal
2.International Journal
3.International Journal

Publication accreditation platform	Scopus : https://www.scopus.com/authid/detail.uri?authorId=6506211687 Sinta : https://sinta.kemdikbud.go.id/authors/profile/6743613
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Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Jimmy Suryadi, S.Si., Ph.D		
Post	Undergraduate Food Technology Department Teaching Area: Biochemistry, enzyme biotechnology, basic chemistry, DNA technology, food fermentation, biomolecular engineering		
Academic Career	Appointment	Institution	Year
	PhD	Wake Forest University	-
	Undergraduate Degree	Institut Pertanian Bogor	-
Employment	Position	Employer	Period
	Lecturer	Undergraduate Food Technology Department Atma Jaya Catholic University of Indonesia	Now

Research and Development projects over the last 5 years	Name of project or research focus
	1.KARAKTER DAN CITA RASA FRUIT WINE DARI BUAH PALA (MYRISTICA FRAGRANS) 2.TEKNIK BUDIDAYA REMPAH ANDALIMAN DAN PROFILING SENYAWA FITOKIMIANYA 3.KARAKTERISASI PROTEASE DALAM TEMPE KACANG KEDELAI OLEH RHIZOPUS MICROSPORUS ATH24 DAN RHIZOPUS DELEMAR ATH 53
	Period and any other information
	1.2024 2.2024 3.2023
	Partners, if applicable
	1.Unika Atma Jaya 2.Unika Atma Jaya 3.Unika Atma Jaya
	Amount of financing
	1.Rp 27.000.000 2.Rp 27.000.000 3.Rp 20.000.000
Industry collaborations over the last 5 years	-
Patents and proprietary rights	-
Important publications over the last 5 years	Author (s): 1.Jillian E. Milanes, Jimmy Suryadi, Neil P. Monaghan, Elijah M. Harding, Corbin S. Morris, Soren D. Rozema, Muhammad M. Khalifa, Jennifer E. Golden, Isabelle Q. Phan, Rachael Zigweid, Jan Abendroth, Christopher A. Rice, Hayden T. McCord, Stevin Wilson, Michael K. Fenwick, James C. Morris 2.Shanti Swaroop Srivastava, Joseph E Darling, Jimmy Suryadi, James C Morris, Mark E Drew, Sriram Subramaniam 3.Jillian E Milanes, Jimmy Suryadi, Jan Abendroth, Wesley C Van Voorhis, Kayleigh F Barrett, David M Dranow, Isabelle Q Phan, Stephen L Patrick, Soren D Rozema, Muhammad M Khalifa, Jennifer E Golden, James C Morris

Title:

- 1.Characterization of Glucokinases from Pathogenic Free-Living Amoebae
- 2.Plasmodium vivax and human hexokinases share similar active sites but display distinct quaternary architectures
- 3.Enzymatic and Structural Characterization of the Naegleria fowleri Glucokinase

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.International Journal, June 2022, Vol 66 (6): 1 - 15
- 2.International Journal, May 2020, Vol 7 (3): 453 - 461
- 3.International Journal, May 2019, Vol 63 (5): 1 - 16

Publication accreditation platform

Scopus :
<https://www.scopus.com/authid/detail.uri?authorId=8504461000>

Sinta :
<https://sinta.kemdikbud.go.id/authors/profile/6816362>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Meda Canti S.T.P.,M.Sc.		
Post	Undergraduate Food Technology Department Teaching Area: Product safety, pre-research special topics biotechnology		
Academic Career	Appointment	Institution	Year
	Magister	Universitas Gadjah Mada	2014
	Undergraduate Degree	Universitas Gadjah Mada	2009
Employment	Position	Employer	Period
	Lecturer	Undergraduate Food Technology Department Atma Jaya Catholic University of Indonesia	Now
Research and Development projects over the last 5 years	Name of project or research focus 1.Pengembangan Produk Pangan Berbasis Isolat Protein Ikan Teri untuk Mencegah Stunting 2.FORMULASI MINUMAN JUS APEL DENGAN PENAMBAHAN ISOLAT PROTEIN IKAN LELE (CLARIAS GARIEPINUS)		

Period and any other information

- 1.2024
- 2.2024

Partners, if applicable

- 1.Unika Atma Jaya
- 2.Unika Atma Jaya

Amount of financing

- 1.Rp 105.010.000
- 2.Rp 27.000.000

Industry collaborations over the last 5 years

-

Patents and proprietary rights

- FORMULASI MIE TEMPE
May 15th 2023
- PROSES PEMBUATAN BIODIESEL DARI MINYAK BIJI KAPOK (Ceiba pentandra) MENGGUNAKAN NANO KATALIS LIMBAH TULANG SAPI
December 1st 2022
- PROSES PEMBUATAN SOSIS DARI TEMPE
December 10th 2020

Important publications over the last 5 years

- Author (s):
- 1.Rory Anthony Hutagalung, Lucia Idelia Ulina Tindaon, Meda Canti, Arka Dwinanda Soewono, Tati Barus
 - 2.Meda Canti, Kelvin Levi Martawidjaja
 - 3.Rory Anthony Hutagalung, Calsyca, Meda Canti, Arka Suweno, Vivitri Dewi Prasasty
 - 4.Meda Canti, Juan Owen, Maximilliam Febriand Putra, Rory Anthony Hutagalung, Novia Utami
 - 5.Canti, M., Sulistio, M.F., Wirawan, C.A., Prasetyanto, Y.E.A. and Lestari, D
- Title:
- 1.PENINGKATAN PERTUMBUHAN IKAN LELE (Clarias Gariepinus) DAN IKAN NILA (Oreochromis niloticus) MELALUI BIOPELET
 - 2.Physicochemical and sensory properties of kamaboko produced from Asian seabass surimi-catfish protein isolate (Clarias gariepinus)
 - 3.Multispecies coral transplantation: Examining survival rates and growth patterns

- 4. Development of patty meat analogue using anchovy protein isolate (*Stolephorus insularis*) as a binding agent
- 5. A comparison of physicochemical, functional, and sensory properties of catfish protein isolate (*Clarias gariepinus*) produced using different defatting solvent

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.National Journal, June 2024, Vol 15 (2): 127 - 137
- 2.International Journal, July 19th 2024, Vol 15 : 1 - 10
- 3.International Journal, January 2nd 2024, Vol 1 (1): 41 - 46
- 4.International Journal, December 10th 2023, Vol 10 : 1 - 11
- 5.International Journal, June 2023, Vol 7 (3): 1 - 11

Publication accreditation platform

Scopus :
<https://www.scopus.com/authid/detail.uri?authorId=57210443352>

Sinta :
<https://sinta.kemdikbud.go.id/authors/profile/6684618>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Stella Magdalena, S.Si., M.Si		
Post	Undergraduate Food Technology Department Teaching Area: Biology molecular, microbiology, bioprospecting		
Academic Career	Appointment	Institution	Year
	Magister	Unika Atma Jaya	2014
	Undergraduate Degree	Unika Atma Jaya	2007
Employment	Position	Employer	Period
	Lecturer	Undergraduate Food Technology Department Atma Jaya Catholic University of Indonesia	-
Research and Development projects over the last 5 years	Name of project or research focus 1.OPTIMASI PRODUKSI MINUMAN SERBUK HERBAL DENGAN KANDUNGAN PROBIOTIK LACTIPLANTIBACILLUS PLANTARUM HPADA3		

2. Pengembangan Probiotik untuk Peningkatan Fungsi Kognitif, Massa dan Fungsi Otot: Studi pada Lansia dengan Gangguan Kognitif dan Sarkopenia
3. DETEKSI BAKTERI ASAM LAKTAT DARI PRODUK SARANG LEBAH DI DAERAH JAWA BARAT DENGAN AKTIVITAS POTENSIAL SEBAGAI PROBIOTIK
4. Pengembangan Probiotik untuk Peningkatan Fungsi Kognitif, Massa dan Fungsi Otot: Studi pada Lansia dengan Gangguan Kognitif dan Sarkopenia
5. KARAKTERISASI PROBIOTIK DAN DETEKSI GAMMA AMINOBUTYRIC ACID
6. EFEK PSIKOBOTIK ISOLAT- ISOLAT LACTOBACILLUS YANG DIISOLASI DARI ONCOM DAN TERASI PADA TIKUS
7. KARAKTERISASI PROFIL PROBIOTIK PADA TEMPE DENGAN SUPLEMENTASI DAUN KATUK
8. EVALUASI POTENSI KECAMBAH SEBAGAI KARIER PROBIOTIK DALAM MINUMAN READY TO DRINK
9. ISOLASI DAN KARAKTERISASI SPHINGOMONADACEAE PENGHASIL VITAMIN B12 DI EKOLOGI MIKROB TEMPE
10. KLONING GEN PROTEASE DARI BREVICILLUS THERMORUBER KE BACILLUS SUBTILIS

Period and any other information

1. 2024
2. 2024
3. 2023
4. 2023
5. 2023
6. 2022
7. 2022
8. 2022
9. 2022
10. 2022

Partners, if applicable

1. Unika Atma Jaya
2. BIMA
3. Unika Atma Jaya
4. BIMA
5. Unika Atma Jaya
6. Unika Atma Jaya
7. Unika Atma Jaya
8. Unika Atma Jaya
9. Unika Atma Jaya
10. Unika Atma Jaya

Amount of financing

1. Rp. 26.510.000
2. Rp. 128.310.000
3. Rp. 20.000.000
4. Rp. 231.100.000
5. Rp. 20.000.000
6. Rp. 50.000.000
7. Rp. 21.575.000

8.Rp. 29.018.000
9.Rp. 10.000.000
10.Rp. 22.000.000

Industry collaborations over the last 5 years

-

Patents and proprietary rights

PEMBUATAN TEMPE DENGAN MENGGUNAKAN AIR LAUT
October 29th 2019

Important publications over the last 5 years

Author (s):

- 1.Magdalena S et al.
- 2.Magdalena S et al.
- 3.Magdalena S et al.
- 4.Dewanggana MN, Magdalena S et al.
- 5.Waturangi DE, Magdalena S et al.

Title:

- 1.Evaluation of Phyllosphere and Endophytic Yeast as Biofertilizer and Growth Promoter of Red Cherry Tomato
- 2.Identification of lactic acid bacteria profiles from red Oncom, an Indonesian traditional mixed fermented tofu waste and peanut press cake
- 3.The addition of lactic acid bacteria in the soybean soaking process of tempeh
- 4.Isolation, characterization, molecular analysis and application of bacteriophage DW-EC to control Enterotoxigenic Escherichia coli on various foods
- 5.Application of bacteriophage as food preservative to control enteropathogenic Escherichia coli (EPEC)

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.International Journal, July 2024, Vol 32(3): 219 - 226
- 2.International Journal, March 2023, Vol 18(4): 84 - 89
- 3.International Journal, May 2022, Vol 6(3): 27 - 33
- 4.International Journal, January 11th 2022, Vol 12(1):495
- 5.International Journal, August 28th 2021, Vol 14(1):336

Publication accreditation platform

Scopus :

<https://www.scopus.com/authid/detail.uri?authorId=54886027100>

Sinta :

<https://sinta.kemdikbud.go.id/authors/profile/5980183>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Theodorus Eko Pramudito, S.Si., M.Sc.
Post	Undergraduate Food Technology Department Teaching Area: -

Academic Career	Appointment	Institution	Year
	Magister	Wageningen University & Research	2016
	Undergraduate Degree	Unika Atma Jaya	2011

Employment	Position	Employer	Period
	Lecturer	Undergraduate Food Technology Department Atma Jaya Catholic University of Indonesia	-

Research and Development projects over the last 5 years	Name of project or research focus 1. KARAKTERISASI SIFAT BIOAKTIF TEH DAUN KOPI (KAWA DAUN) SEBAGAI MINUMAN FUNGSIONAL
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Period and any other information
1.2021

Partners, if applicable
1.Unika Atma Jaya

Amount of financing
1.Rp. 13.500.000

Industry collaborations over the last 5 years

-

Patents and proprietary rights

-

Important publications over the last 5 years

- Author (s):
- 1. TE Pramudito, C Klostermann, EJ Smid, HA Schols
 - 2. TE Pramudito, K Desai, C Voigt, EJ Smid, HA Schols
 - 3. D Lestari, JP Sari, TE Pramudito
 - 4. C Valencia, Y Yogiara, TE Pramudito
 - 5. TE Pramudito, EJ Smid, HA Schols
 - 6. TE Pramudito, EGA Putri, E Paluphi, G Florencia, MR Gunawan, MP Pratiwi, Y Yogiara
 - 7. WA Tan, TE Pramudito
 - 8. C Prihatna, TE Pramudito, AR Arifin, TKN Nguyen, MI Purnamasari, A Suwanto
-

- Title:
- 1. Modulation of soy flour bioactivity against enterotoxigenic Escherichia coli by fermentation with exopolysaccharides-producing lactic acid bacteria
 - 2. Dextran and levan exopolysaccharides from tempeh-associated lactic acid bacteria with bioactivity against enterotoxigenic Escherichia coli (ETEC)
 - 3. Application of antioxidant peptides derived from goat milk in ginger coffee formulation

- 4. Anti-adhesion bioactivity of tempeh against enterotoxigenic Escherichia coli can be improved through the addition of Lactobacillus plantarum culture during fermentation
- 5. Characterization of exopolysaccharides from tempeh-associated lactic acid bacteria with anti adhesion bioactivity towards enterotoxigenic Escherichia coli
- 6. Bioactivity of Soybean Tempeh against Diarrhea Associated Pathogen Is More Correlated with the Number of Total Bacteria than Specific Major Bacterial Phylum
- 7. Enrichment of Anti Hoax Competency among Secondary School Students
- 8. Antifungal Peptides from a Burkholderia Strain Suppress Basal Stem Rot Disease of Oil Palm

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1. International Journal, January 2025, Vol 348 part B: 1-10
- 2. International Journal, March 2024, Vol 328: 1-12
- 3. International Journal, December 2023, Vol 7(6): 35 - 47
- 4. International Journal, February 2023, Vol 7(1): 256 - 263
- 5. International Symposium, August 2023, Vol 14(16): 54
- 6. International Journal, 2022, Vol 1: 320-327
- 7. National Journal, December 2022, Vol 6(2): 128-138
- 8. International Journal, January 2022, Vol 112(2): 238-248

Publication accreditation platform

Scopus :
<https://www.scopus.com/authid/detail.uri?authorId=57196371730>

Sinta :
<https://sinta.kemdikbud.go.id/authors/profile/6683687/?view=scopus>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Diana Lestari, S.Gz., M.Si		
Post	Undergraduate Food Technology Department Teaching Area: Enzyme biotechnology, biochemistry, food technology		
Academic Career	Appointment	Institution	Year
	Magister (Food Science)	Institut Pertanian Bogor	2015
	Undergraduate Degree (Nutrition Science)	Institut Pertanian Bogor	2011
Employment	Position	Employer	Period
	Head of Food Technology Program	Undergraduate Food Technology Department Atma Jaya Catholic University of Indonesia	2022 - Now
	Lecturer	Undergraduate Food Technology Department Atma Jaya Catholic University of Indonesia	2015 - Now

Head of Food
Processing
Laboratory

Undergraduate
Food Technology
Department
Atma Jaya
Catholic
University of
Indonesia

2019 - 2021

Research and
Development
projects over the
last 5 years

Name of project or research focus

- 1.Optimasi Snack Bar Tinggi Protein dan Zat Besi untuk Mencegah Anemia pada Ibu Hamil
- 2.Pengembangan Probiotik untuk Peningkatan Fungsi Kognitif, Massa dan Fungsi Otot: Studi pada Lansia dengan Gangguan Kognitif dan Sarkopenia
- 3.Formulasi rice crackers dengan penambahan tepung kacang koro dan serbuk bayam untuk mencegah kurang gizi pada remaja putri serta penerimaan konsumennya
- 4.Eksplorasi Peptida bioaktif Susu Kambing Peranakan Etawa sebagai Antioksidan, Antihipertensi dan Antidiabetes serta aplikasinya dalam produk pangan fungsional
- 5.Pengembangan Probiotik untuk Peningkatan Fungsi Kognitif, Massa dan Fungsi Otot: Studi pada Lansia dengan Gangguan Kognitif dan Sarkopenia
- 6.PKM peningkatan perekonomian kelompok industri rumah tangga di pinggir sungai Citarummelalui pengolahan sumber daya alam berbasis buah pidada
- 7.Active Packaging Film dengan Peptida Antibakteri dan Antioksidan dari Susu Kambing Pernakan Etawa
- 8.Aplikasi peptida bioaktif susu kambing dalam kemasan aktif ramah lingkungan
- 9.Eksplorasi Peptida bioaktif Susu Kambing Peranakan Etawa sebagai Antioksidan, Antihipertensi dan Antidiabetes serta aplikasinya dalam produk pangan fungsional
- 10.Hidrolisat protein tempe kaya antioksidan dalam formulasi minuman pemulihan paska olahraga
- 11.Pembuatan Minuman Serbuk Peptida Susu Kambing Peranakan Etawa sebagai Minuman Fungsional Antioksidan dan Antihipertensi
- 12.Formulasi Minuman Peptida Bioaktif Berbasis Susu Kambing Kaya akan Antioksidan
- 13.AKTIVITAS ANTIOKSIDANT DAN PENGHAMBAT BAKTERI LARVA HERMETIA ILLUCENS
- 14.Karakterisasi sifat bioaktif teh daun kopi (kawa daun) sebagai minuman fungsional
- 15.OPTIMASI MIKROENKAPSULASI LACTOBACILLUS ACIDOPHILUS DENGAN METODE EMULSIFIKASI PADA PRODUK SELAI APEL MANALAGI
- 16.Pemanfaatan Isolat Protein Ikan Lele pada Pembuatan Bakso Ikan Beku
- 17.IDENTIFIKASI AKTIVITAS ENZIM HIDROLASE PADA LARVA HERMETIA ILLUCENS

Period and any other information

- 1.2024
- 2.2024
- 3.2024
- 4.2023
- 5.2023
- 6.2023
- 7.2023
- 8.2022
- 9.2022
- 10.2022
- 11.2022
- 12.2021
- 13.2021
- 14.2021
- 15.2020
- 16.2020
- 17.2020

Partners, if applicable

- 1.Kemendikbudristek_FTB-FEB
- 2.Kemendikbudristek_FTB-FKIK
- 3.Unika Atma Jaya
- 4.Kemendikbudristek_UAJ-IPB
- 5.Kemendikbudristek_FTB-FKIK
- 6.Kemendikbudristek_FTB-FEB
- 7.Unika Atma Jaya
- 8.Unika Atma Jaya
- 9.Kemendikbudristek_UAJ-IPB
- 10.Unika Atma Jaya
- 11.Unika Atma Jaya
- 12.Unika Atma Jaya
- 13.Unika Atma Jaya
- 14.Unika Atma Jaya
- 15.Unika Atma Jaya
- 16.Unika Atma Jaya
- 17.Unika Atma Jaya

Amount of financing

- 1.Rp 108.890.000,00
- 2.Rp 108.890.000,00
- 3.Rp 49.683.000,00
- 4.Rp 123.760.000,00
- 5.Rp 231.100.000,00
- 6.Rp 44.477.000,00
- 7.Rp 20.000.000,00
- 8.Rp 50.000.000,00
- 9.Rp 120.600.000,00
- 10.Rp 18.730.000,00
- 11.Rp 10.000.000,00
- 12.Rp 13.500.000,00
- 13.Rp 13.624.250,00
- 14.Rp 13.500.000,00
- 15.Rp 20.000.000,00
- 16.Rp 20.000.000,00
- 17.Rp 20.000.000,00

Patents and
proprietary
rights

PROSES PEMBUATAN SIOMAY BANDUNG SIAP SAJI
August 20th 2024
PROSES PEMBUATAN SERBUK MINUMAN PEPTIDA
SUSU KAMBING
December 6th 2022
PROSES PEMBUATAN PRODUK MINUMAN KOPI JAHE
DENGAN PENAMBAHAN PEPTIDA BIOAKTIF
BERBASIS SUSU KAMBING SEBAGAI ANTIOKSIDAN
December 6th 2021

Important
publications
over the last 5
years

Author (s):

- 1.Lestari, D., Sari, J.P. and Pramudito, T.E
- 2.Theresia Felita Agus, Stella Magdalena, Diana lestari
- 3.Canti, M., Sulistio, M.F., Wirawan, C.A., Prasetyanto, Y.E.A. and Lestari, D.
- 4. Catharina Vincentia, Diana Lestari , Stella Magdalena
- 5.Meda Canti, Sherly Apryani, Diana Lestari

Title:

- 1.Application of antioxidant peptides derived from goat milk in ginger coffee formulation
- 2.Pengaruh Konsentrasi Gula terhadap Sifat Fisikokimia dan Sensori Biskuit Labu Kuning (Cucurbita Moschata)
- 3.A comparison of physicochemical, functional, and sensory properties of catfish protein isolate (Clarias gariepinus) produced using different defatting solvent
- 4.Selai Apel Malang (Mallus sylvestris Mill) Rendah Kalori dengan Substitusi Gula Menggunakan Stevia
- 5.TEPUNG IKAN PETEK (Leiognathus equulus) SEBAGAI ADITIF PROTEIN PADA MI KERING LABU KUNING (Cucurbita moschata D.)

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.International Journal, December 2023, Vol 7 (6): 35 - 47
- 2.National Journal, August 2023, Vol 9 (2): 175 - 185
- 3.International Journal, June 2023, Vol 7 (3): 1 - 11
- 4.National Journal, December 2021, Vol 10 (3): 77 - 86
- 5.National Journal, 2020, Vol 15 (2): 133 - 141

Publication
accreditation
platform

Scopus :

<https://www.scopus.com/authid/detail.uri?authorId=57235617100>

Sinta :

<https://sinta.kemdikbud.go.id/authors/profile/6021326>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Ir. Rianita Pramitasari, S.T.P., M.Sc.		
Post	Undergraduate Food Technology Department Teaching Area: Food Process Engineering, Food Product Formulation, Sensory Evaluation		
Academic Career	Appointment	Institution	Year
	Engineering Profession	Unika Atma Jaya	2024
	Magister (Food Science & Technology)	Universitas Gadjah Mada	2014
	Undergraduate Degree (Food & Agricultural Product Technology)	Universitas Gadjah Mada	2012
Employment	Position	Employer	Period
	Lecturer	Undergraduate Food Technology Department Atma Jaya Catholic University of Indonesia	2015 - Now

Research and Development projects over the last 5 years

- Name of project or research focus**
- 1.Jelly Formulation
 - 2.Application and optimization of cold plasma technology to the quality of Indonesian fresh fish products as an innovative approach to potential post-harvest handling
 - 3.Characterization of Microwave-Cooled Modified Sorghum Starch

- Period and any other information**
- 1.2024
 - 2.2024
 - 3.2021

- Partners, if applicable**
- 1.PT Kapal Api
 - 2.Sebelas Maret University
 - 3.UPN "Veteran" East Java

- Amount of financing**
- 1.Rp 14.985.714,00
 - 2.Rp 90.000.000,00
 - 3.Rp 24.000.000,00

Patents and proprietary rights

PROSES PEMBUATAN ES KRIM MAJA (Aegle marmelos)
October 9th 2024
Modul Pelatihan Penerapan Teknologi Smoked Fish & Peningkatan Kewirausahaan
October 26th 2023
KOMPOSISI ADONAN NUGET IKAN PATIN MENGGUNAKAN TEPUNG TEMPE SEMANGIT DAN JAMUR TIRAM
August 29th 2021

Important publications over the last 5 years

- Author (s):**
- 1.Albertus Magnus Putradamni, Rianita Pramitasari
 - 2.Pramitasari, R. and Herlina, N
 - 3.Valentia Rossely Santoso, Rianita Pramitasari, Daru Seto Bagus Anugrah
 - 4.Daru Seto Bagus Anugrah, Laura Virdy Darmalim, Juan David Sinanu, Rianita Pramitasari, Dionysius Subali, Eko Adi Prasetyanto, Xuan Thang Cao
 - 5.Daru Seto Bagus Anugrah, Graciela Delarosa, Pricylia Wangker, Rianita Pramitasari, Dionysius Subali

Title:

- 1. Formula optimization, physicochemical characterization, and sensory evaluation of beetroot-based blended frozen dessert
- 2. Extraction, foam-mat drying, and physicochemical analysis of Indonesian black glutinous rice (Oryza sativa L. var glutinosa) anthocyanins
- 3. Development of Indicator Film Based on Cassava Starch–Chitosan Incorporated with Red Dragon Fruit Peel Anthocyanins–Gambier Catechins to Detect Banana Ripeness
- 4. Development of alginate-based film incorporated with anthocyanins of red cabbage and zinc oxide nanoparticles as freshness indicator for prawns
- 5. Utilising N-glutaryl chitosan-based film with butterfly pea flower anthocyanin as a freshness indicator of chicken breast

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1. International Journal, June 2024, Vol 4 : 1 - 8
- 2. International Journal, December 2023, Vol 7 (6): 197 - 204
- 3. International Journal, August 2023, Vol 15 (17): 1 -18
- 4. International Journal, November 1st 2023, Volume 251
- 5. International Journal, May 2023

Publication accreditation platform

Scopus :

<https://www.scopus.com/authid/detail.uri?authorId=57219119171>

Sinta :

<https://sinta.kemdikbud.go.id/authors/profile/5982989>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Center for the Study of Sustainable Community, Atma Jaya Catholic University of Indonesia	Member	2024 - Now
	Indonesian Association of Food Technologist	Committee	2021 - Now

Indonesian Association of Food Technologist	Member	2018 - Now
Institute of Food Technologist	Member	2022 - 2023

STAFF HANDBOOK



Name		Widya Agustinah, S.Si., M.Sc.	
Post		Undergraduate Food Technology Department Teaching Area: Enzyme biotechnology, biochemistry, nutrigenomics, functional foods & nutraceuticals, food technology	
Academic Career	Appointment	Institution	Year
	Magister	University of Massachusetts Amherst	2012
	Undergraduate Degree	Unika Atma Jaya	2008
Employment	Position	Employer	Period
	Lecturer	Undergraduate Food Technology Department Atma Jaya Catholic University of Indonesia	-
Research and Development projects over the last 5 years	Name of project or research focus 1.PENGEMBANGAN MINUMAN FERMENTASI KULIT BUAH NAGA MERAH (HYLOCEREUS POLYRHIZUS) PROBIOTIK DENGAN AKTIVITAS ANTIMIKROB		

Period and any other information

1.2022

Partners, if applicable

1.Unika Atma Jaya

Amount of financing

1.Rp 22.000.000

Industry collaborations over the last 5 years

-

Patents and proprietary rights

PROSES PEMBUATAN SUSU TEMPE KACANG MERAH BUBUK
August 24th 2022

PRODUK PERMEN JELI DENGAN KANDUNGAN EKSTRAK KULIT BUAH NAGA DAN ENKAPSULASI MINYAK IKAN PATIN
June 6th 2022

KOMPOSISI IFUMIE INSTAN
December 13th 2021

Important publications over the last 5 years

Author (s):

- 1.Widya Agustinah, S.Si., M.Sc
- 2.Jovita Aurelia, Felicia Trifena, Kelvin Levi, Maria Marcella, Septiyani, Widya Agustinah
- 3.Agustinah, W., Sarkar, D., Woods, F. and Shetty, K
- 4.Widya Agustinah
- 5.Widya Agustinah, Joshua Yuandi

Title:

- 1.Germinasi Biji: Cara Sederhana untuk Memperkaya Kandungan Gizi dan Senyawa Bioaktif Tanaman
- 2.Dragon Fruit Peel Extract and Encapsulated Catfish Oil Formulation in Gummy Candy with Potential In Vitro Antihyperglycemia Properties
- 3.Apple and Blueberry Synergies for Designing Bioactive Ingredients for the Management of Early Stages of Type 2 Diabetes
- 4.Terasi Indonesia lebih nikmat dari terasi negara lain, punya potensi ekspor tapi butuh strategi
- 5.Development of Functional Beverage with Antioxidant Properties using Germinated Red Rice and Tempeh Powder Mixture

Publisher, place of publication, date of publication
or name of periodical, volume, issue, page numbers.

- 1.National Mass Media, June 2022
- 2.National Journal, February 2022, Vol 3 (2): 71 - 81
- 3.International Journal, July 2016, Vol 39: 370-382
- 4.National Mass Media, October 7th 2021
- 5.National Journal, June 2021, Vol 16 (2) : 109-118

**Publication
accreditation
platform**

Scopus :
[https://www.scopus.com/authid/detail.uri?
authorId=57188991063](https://www.scopus.com/authid/detail.uri?authorId=57188991063)

Sinta :
[https://sinta.kemdikbud.go.id/authors/profile/5978
091](https://sinta.kemdikbud.go.id/authors/profile/5978091)

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Anastasia Tatik Hartanti S.Si., M.Si		
Post	Undergraduate Food Technology Department Teaching Area: Fungal biotechnology, physiology, concepts & networks in biological systems		
Academic Career	Appointment	Institution	Year
	Magister	Institut Pertanian Bogor	2014
	Undergraduate Degree	Universitas Gadjah Mada	1993
Employment	Position	Employer	Period
	Lecturer	Undergraduate Food Technology Department Atma Jaya Catholic University of Indonesia	Now
Research and Development projects over the last 5 years	Name of project or research focus 1.ISOLASI DAN IDENTIFIKASI KAPANG YANG BERPOTENSI PENGHASIL MIKOTOKSIN PADA KACANG TANAH DI BEBERAPA PASAR DI DAERAH SERPONG, BANTEN.		

-
2. KARAKTERISASI KETAHANAN MYCOFOAM
MENGGUNAKAN BIODEGRADABLE COATING

3. PKM KELOMPOK IBU-IBU PKK: INOVASI MAKANAN
BERBASIS TEMPE DENGAN TEKNOLOGI
FERMENTASI YANG TEPAT UNTUK SKALA
INDUSTRI RUMAH TANGGA DI DESA CIOMAS
RAHAYU, KABUPATEN BOGOR

Period and any other information

-
- 1.2024

2.2023

3.2023

Partners, if applicable

-
- 1.Unika Atma Jaya

2.Unika Atma Jaya

3.Unika Atma Jaya

Amount of financing

-
- 1.Rp 27.000.000

2.Rp 20.000.000

3.Rp 38.123.000

Industry
collaborations
over the last 5
years

-

Patents and
proprietary
rights

PROSES PEMBUATAN TEMPE KUNING
December 5th 2023
PROSES PEMBUATAN SOSIS DARI TEMPE
December 10th 2020
Biologi dan bioteknologi Cendawan dalam Praktik

Important
publications
over the last 5
years

Author (s):

-
- 1.Dr. Yasinta Ratna Esti Wulandari, M.Si., Anastasia
Tatik Hartanti, M.Si., Dr. Yasintha Soelasih, M.Si.,
Philip Dave Johan

2.Alexander Willy Dimaswarabrata, Anastasia Tatik
Hartanti, Listya Utami Karmawan

3.Yasinta Ratna Esti Wulandari, Anastasia Tatik
Hartanti, Yasintha Soelasih, Philip Dave Johan

4.Revelo Eved Christos, Anastasia Tatik Hartanti,
Dionysius Subali

5.Dionysius Subali, Vasya Theodora Givianty,
Anastasia Tatik Hartanti, Listya Utami Karmawan

Title:

- 1.Adopsi Hidroponik, Kolaborasi Unika Atma Jaya demi Ketahanan Pangan
- 2.Utilization of Tempeh Extract as an Organic Supplement Alternative for Banana Tissue Culture
- 3.Kampung Tempe Ciomas Jadikan Teknologi Hidroponik Daya Tarik Wisata Kabupaten Bogor
- 4.The Potential of Mycofoam as a Biocomposite Material with Various Substrate and Mushroom Compositions
- 5.Optimization of Composting Growing Media Time and Rice Husk Addition in Auricularia auricula Cultivation

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.National Mass Media, September 9th 2024
- 2.International Journal, December 30th 2023, 1 - 17
- 3.National Mass Media, Agustus 31th 2024
- 4.National Journal, March 2024, Vol 10 (1): 7 - 14
- 5.National Journal, 2023, Vol 16 (2): 423-433

Publication accreditation platform

Scopus :
<https://www.scopus.com/authid/detail.uri?authorId=57196435720>
Sinta :
<https://sinta.kemdikbud.go.id/authors/profile/6133553>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name		Yogiara, Ph.D.	
Post		Post Graduate Biotechnology Department Teaching Area: Bioinformatics, molecular biology, DNA technology, bioprospecting	
Academic Career	Appointment	Institution	Year
	PhD	Yonsei University	2016
	Magister	Institut Pertanian Bogor	2004
	Undergraduate Degree	Institut Pertanian Bogor	1998
Employment	Position	Employer	Period
	Dean of Biotechnology Faculty	Atma Jaya Catholic University of Indonesia	Now

	Lecturer Post Graduate Biotechnology Department Atma Jaya Catholic University of Indonesia	Now
Research and Development projects over the last 5 years	Name of project or research focus 1.MUTASI BISU GEN LACI UNTUK MENGHILANGKAN SITUS ENZIM RESTRIKSI XCM I PADA SISTEM EKSPRESI PLASMID PHT43-T DAN PHT255-T 2.KARAKTERISASI PROBIOTIK DAN DETEKSI GAMMA AMINOBUTYRIC ACID 3.KLONING GEN PROTEASE DARI BREVIBACILLUS THERMORUBER KE BACILLUS SUBTILIS 4.EFEK PSIKOBOTIK ISOLAT-ISOLAT LACTOBACILLUS YAG DIISOLASI DARI ONCOM DAN TERASI PADA TIKUS	
	Period and any other information 1.2024 2.2023 3.2022 4.2022	
	Partners, if applicable 1.- 2.Unika Atma Jaya 3.Unika Atma Jaya 4.Unika Atma Jaya	
	Amount of financing 1.Rp 26.980.500 2.Rp 20.000.000 3.Rp 22.000.000 4.Rp 50.000.000	
Industry collaborations over the last 5 years	-	
Patents and proprietary rights	MINUMAN FUNGSIONAL KEMBANG TELANG UNTUK PROTEKSI OBESITAS December 5th 2020 PROSES PEMBUATAN SEDIAAN MINYAK ANGIN AROMATERAPI DENGAN PENAMBAHAN BAHAN AKTIF NANOEMULSI ANDALIMAN (Zanthoxylum acanthopodium) January 18th 2024	

Important publications over the last 5 years	Author (s):		
	1.Stella Magdalena, Adelaide Geraldine, Yogiara		
	2.Magdalena, S., Surya, N.A. and Yogiara, Y		
	3.Magdalena Stella, Talia Angela and Yogiara Yogiara		
	4.Valencia, C., Yogiara, Y. and Pramudito, T.E		
	5. Pramudito, T.E., Florencia, G., Gunawan, M.R., Pratiwi, M.P. and Yogiara, Y		
	Title:		
	1.INDUCTION ENDOSPORE FORMATION OF Bacillus subtilis KM16 AS A PROBIOTIC CANDIDATE BY OPTIMIZATION OF THE GROWTH CONDITIONS		
	2.Effect of tempeh wrapping on sensory evaluation and lactic acid bacteria profile		
	3.Identification of lactic acid bacteria profiles from red Oncom, an Indonesian traditional mixed fermented tofu waste and peanut press cake		
	4.Anti-adhesion bioactivity of tempeh against enterotoxigenic Escherichia coli can be improved through the addition of Lactobacillus plantarum culture during		
	5.Positive correlation between the number of bacteria in soybean tempeh with the bioactivity of its extract against enterotoxigenic Escherichia coli (ETEC) adhesion to eukaryotic cells		
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.		
	1.National Journal, April 2024, Vol 13 (1): 36-49		
	2.International Journal, August 2024, Vol 8 (4): 99 - 107		
Publication accreditation platform	3.International Journal, 2023, Vol 18 (4): 84 - 89		
	4.International Journal, February 2023, Vol (1): 256 - 263		
	5.International Journal, December 2021, Vol 5 (6): 157 - 164		
	Scopus :		
	https://www.scopus.com/authid/detail.uri?authorId=56582551400		
	Sinta :		
	https://sinta.kemdikbud.go.id/authors/profile/5976410		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name		Dr. Adi Yulandi, S.Si., M.T.	
Post		Post Graduate Biotechnology Department Teaching Area: Bioinformatics, molecular biology, DNA technology, information technology	
Academic Career	Appointment	Institution	Year
	Doctoral	Institut Pertanian Bogor	2021
	Magister	Universitas Gadjah Mada	2005
	Undergraduate Degree	Universitas Diponegoro	2003
Employment	Position	Employer	Period
	Head of Post Graduate Biotechnology Program	Post Graduate Biotechnology Department Atma Jaya Catholic University of Indonesia	Now

	Post Graduate Biotechnology Department Atma Jaya Catholic University of Indonesia	Now
Lecturer		
Research and Development projects over the last 5 years	Name of project or research focus 1.KORELASI KUALITAS HIDUP LANSIA DENGAN FAKTOR DEMOGRAFI DAN FUNGSI KOGNITIF LANSIA DI PANTI WERDHA, TANGERANG SELATAN 2.KARAKTERISASI MIKROSATELIT PADA BEGONIA ASAL INDONESIA 3.ANALISIS PROFIL FUNGSIONAL EKOLOGI MIKROB TANAH KOMPOS SEBAGAI TEMPAT MENIMBUN OXO-LOW-DENSITYPOLYETHYLENE 4.LONG-TERM ANALYSIS OF BACTERIAL DYNAMICS DURING OXO-POLYETHYLENE BURIAL IN COMPOST SOIL 5.ANALISIS MUTASI SEKUEN GENOM SARS-COV-2 INDONESIA UNTUK DESAIN KANDIDAT VAKSIN BERBASIS EPITOP 6.ISOLASI DAN KARAKTERISASI SPHINGOMONADACEAE PENGHASIL VITAMIN B12 DI EKOLOGI MIKROB TEMPE	
	Period and any other information 1.2024 2.2024 3.2023 4.2023 5.2023 6.2022	
	Partners, if applicable 1.Surilena, Yogiara 2.Unika Atma Jaya 3.Unika Atma Jaya 4.Unika Atma Jaya 5.Unika Atma Jaya 6.Unika Atma Jaya	
	Amount of financing 1.Rp 10.000.000 2.Rp 27.000.000 3.Rp 20.000.000 4.Rp 16.850.000 5.Rp 20.000.000 6.Rp 10.000.000	

Industry collaborations over the last 5 years

-

Patents and proprietary rights

PEMBUATAN TEMPE DENGAN MENGGUNAKAN AIR LAUT
October 29th 2019

Important publications over the last 5 years

Author (s):

- 1.Denny Rizkinata, Diana Elizabeth Waturangi & Adi Yulandi
- 2.Valencia Vanessa, Diana Elizabeth Waturangi, Adi Yulandi, Pande Gde Sasmita Julyantoro & Nurmayana Papuanga
- 3.Jeni Rustan, Adi Yulandi, Raymond Rubianto Tjandrawinata
- 4.Didik Harmoko, Vivitri Dewi Prasasty and Adi Yulandi
- 5.Santi Tan, Adi Yulandi, Raymond Rubianto Tjandrawinata

Title:

- 1.Synergistic action of bacteriophage and metabolites of Pseudomonas fluorescens JB3B and Streptomyces thermocarboxydus 18PM against Enterotoxigenic Escherichia coli and Bacillus cereus and their biofilm
- 2.Antibiofilm activity of Morganella morganii JB8F and Pseudomonas fluorescens JB3B compound to control single and multi-species of aquaculture pathogens
- 3.Network pharmacology approach to investigate the molecular mechanism of DLBS2411 (Cinnamomum burmannii) as a gastritis treatment
- 4.Mechanism Analysis of Artemisinin and Artesunate as Lung Cancer Therapy Agents Through in Silico Method
- 5.Network pharmacology study of Phyllanthus niruri: Potential target proteins and their hepatoprotective activities

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.International Journal, October 9th 2024, Vol 24 (398): 1 - 10
- 2.International Journal, 2024, Vol 24 (381): 1 - 13
- 3.International Journal, September 2024, Vol 14 (9): 255 - 263
- 4.International Journal, 2024,Vol 24 (3): 336-348
- 5.International Journal, December 2023, Vol 13 (12): 1 - 11

**Publication
accreditation
platform**

Scopus :
[https://www.scopus.com/authid/detail.uri?
authorId=56951058500](https://www.scopus.com/authid/detail.uri?authorId=56951058500)

Sinta :
[https://sinta.kemdikbud.go.id/authors/profile/5986
518](https://sinta.kemdikbud.go.id/authors/profile/5986518)

**Activities in
specialist
bodies over
the last 5 years**

Organization	Role	Period
-	-	-

STAFF HANDBOOK



Name	Prof., Dr. Diana Elizabeth Waturangi, M.Si.		
Post	Post Graduate Biotechnology Department Teaching Area: Biology molecular, microbiology, introduction to biotechnology		
Academic Career	Appointment	Institution	Year
	Doctoral	Institut Pertanian Bogor	2002
	Magister	Institut Pertanian Bogor	1999
	Undergraduate Degree	Institut Pertanian Bogor	1996
Employement	Position	Employer	Period
	Professor	Post Graduate Biotechnology Department Atma Jaya Catholic University of Indonesia	Now

Research and Development projects over the last 5 years

Name of project or research focus

- 1.INFEKSI PARASIT USUS DAN INFLAMASI: PERAN SITOKIN IL-6, IL-8, IL-17 DAN TNFA
- 2.DETERMINASI SUPLEMEN MAKANAN ANAK TERHADAP PERTUMBUHAN DAN METABOLIT BERBAGAI BAKTERI ASAM LAKTAT
- 3.Komponen Bioaktif Mikroba dari Berbagai Sumber Sebagai Anti quorum sensing dan Antibiofilm untuk Mengontrol Patogen Akuakultur
- 4.Pengembangan kemasan aktif dan cerdas berbasis kitosan dan antosianin limbah organik untuk memperpanjang umur simpan dan mendeteksi kesegaran pisang (lanjutan)
- 5.Bioactive compound from various source of microbe as anti-quorum sensing and anti-biofilm to control pathogens relevant in aquaculture
- 6.Kombinasi Bakteriofaga dan Antibiofilm sebagai Biokontrol Alternatif untuk Mengatasi Bakteri Patogen pada Pangan
- 7.Antibiofilm Compound From Actinobacteria and Phyllosphere Bacteria as Prevention and Treatment of Biofilm Formed by Vibrio harveyi in Litopenaeus vannamei
- 8.CHARACTERIZATION OF ANTIBIOFILMS FROM ACTINOMYCETES AGAINST FOOD PATHOGENS

Period and any other information

- 1.2024
- 2.2024
- 3.2024
- 4.2024
- 5.2023
- 6.2023
- 7.2022
- 8.2021

Partners, if applicable

- 1.Unika Atma Jaya
- 2.Unika Atma Jaya
- 3.BIMA (Basis Informasi Penelitian dan Pengabdian kepada Masyarakat)
- 4.BIMA
- 5.BIMA
- 6.BIMA
- 7.BIMA
- 8.Unika Atma Jaya

Amount of financing

- 1.Rp 50.000.000
- 2.Rp 100.000.000
- 3.Rp 130.980.000
- 4.Rp 115.970.000
- 5.Rp 27.600.000
- 6.Rp 141.900.000
- 7.Rp 151.300.000
- 8.Rp 13.500.000

Industry collaborations over the last 5 years

-

Patents and proprietary rights

PRODUK ANTIBIOFILM BERBASIS BAKTERI FILOSFER UNTUK MENGATASI PATOGEN UDANG

Important publications over the last 5 years

Author (s):

- 1.Vanessa Everly, Diana Elizabeth Waturangi, Nurmaya Papuangan, Nurhasanah & Pande Gde Sasmita Julyantoro
- 2.Denny Rizkinata, Diana Elizabeth Waturangi & Adi Yulandi
- 3.Valencia Vanessa, Diana Elizabeth Waturangi, Adi Yulandi, Pande Gde Sasmita Julyantoro & Nurmaya Papuangan
- 4.Jessica Kurniawan, Diana Elizabeth Waturangi, Pande Gde Sasmita Julyantoro & Nurmaya Papuangan
- 5.Gloria Raissa, Diana Elizabeth Waturangi & Dinamella Wahjuningrum

Title:

- 1.Metabolite from supernatant of soil and plant-associated bacteria control biofilm of fish pathogens
- 2.Synergistic action of bacteriophage and metabolites of Pseudomonas fluorescens JB3B and Streptomyces thermocarboxydu 18PM against Enterotoxigenic Escherichia coli and Bacillus cereus and their biofilm
- 3.Antibiofilm activity of Morganella morganii JB8F and Pseudomonas fluorescens JB3B compound to control single and multi-species of aquaculture pathogens
- 4.Ice nucleation active bacteria metabolites as antibiofilm agent to control Aeromonas hydrophila and Streptococcus agalactiae infections in Aquaculture
- 5.Screening of antibiofilm and anti-quorum sensing activity of Actinomycetes isolates extracts against aquaculture pathogenic bacteria

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.International Journal, 2024, Vol 17 (311): 1 - 10
- 2.International Journal, October 2024, Vol 24 (398): 1 - 10
- 3.International Journal, October 2024, Vol 24 (381): 1 - 13
- 4.International Journal, June 2024, Vol 17 (166): 1 - 10
- 5.International Journal, November 2020, Vol 20 (343): 1 - 10

**Publication
accreditation
platform**

Scopus :
[https://www.scopus.com/authid/detail.uri?
authorId=6508030001](https://www.scopus.com/authid/detail.uri?authorId=6508030001)

Sinta :
[https://sinta.kemdikbud.go.id/authors/profile/5983
823](https://sinta.kemdikbud.go.id/authors/profile/5983823)

**Activities in
specialist
bodies over
the last 5 years**

Organization
-

Role
-

Period
-

STAFF HANDBOOK



Name	Dr. Ir. Rory Anthony Hutagalung, DEA.		
Post	Post Graduate Biotechnology Department Teaching Area: Biostatistics, ecology, biological data processing		
Academic Career	Appointment	Institution	Year
	Doctoral	ENSA Toulouse Ecole d'architecture de Toulouse	1998
	Magister	Universite Toulouse III, Paul Sabatier	1995
	Undergraduate Degree	Institut Pertanian Bogor	1984
Employement	Position	Employer	Period
	Lecturer	Post Graduate Biotechnology Department Atma Jaya Catholic University of Indonesia	Now

Research and Development projects over the last 5 years

- Name of project or research focus
- 1. TEKNIK PENGIRIMAN SIPUT ZEBRA NERITE (VITTA ZEBRA) MELALUI PENDEKATAN KELEMBABAN DAN SALINITAS
 - 2. PENINGKATAN PERTUMBUHAN, TINGKAT KELANGSUNGAN HIDUP, DAN PERSENTASE PERGANTIAN CANGKANG KELOMANG DARAT (COENOBITA VIOLASCENS) DALAM KANDANG PINTAR
 - 3. KULTUR TANAMAN MULTISPESIES PADA SISTEM HIDROPONIK
 - 4. PEMANFAATAN ISOLAT PROTEIN IKAN LELE DUMBO (CLARIAS GARIEPINUS) PADA PEMBUATAN KAMABOKO
 - 5. FORMULASI MEAT ANALOGUE DENGAN PENAMBAHAN ISOLAT PROTEIN IKAN TERI (STOLEPHORUS

- Period and any other information
- 1. 2024
 - 2. 2023
 - 3. 2022
 - 4. 2022
 - 5. 2022

- Partners, if applicable
- 1. Unika Atma Jaya
 - 2. Unika Atma Jaya
 - 3. Unika Atma Jaya
 - 4. Unika Atma Jaya
 - 5. Unika Atma Jaya

- Amount of financing
- 1. Rp 26.800.000
 - 2. Rp 20.000.000
 - 3. Rp 21.991.000
 - 4. Rp 20.000.000
 - 5. Rp 49.581.000

Industry collaborations over the last 5 years

-

Patents and proprietary rights

METODE PEMBUATAN BALSEM STIK HERBAL DARI MAKROEMULSI JAHE MERAH
May 19th 2023
PROSES PRODUKSI BALSEM STIK REMPAH BERBAHAN MAKROEMULSI ANDALIMAN
METODE PEMBUATAN KOYO MATRIKS REMPAH BERBAHAN DASAR ANDALIMAN

Important publications over the last 5 years

Author (s):

- 1.Rory Anthony Hutagalung, Lucia Idelia Ulina Tindaon, Meda Canti, Arka Dwinanda Soewono, Tati Barus
- 2.Rory Anthony Hutagalun, Calsycal, Meda Canti, Arka Suweno, Vivitri Dewi Prasasty
- 3.Arka Dwinanda Soewono, Febrian Andika Gunarko, Rory Anthony Hutagalung, Christiand Christiand
- 4.Meda Canti, Juan Owen, Maximilliam Febriand Putra, Rory Anthony Hutagalung, Novia Utami
- 5.Vivitri Dewi Prasasty, Rory Anthony Hutagalung, Karel Grazzolie and Fransiskus Xaverius Ivan

Title:

- 1.PENINGKATAN PERTUMBUHAN IKAN LELE (Clarias Gariepinus) DAN IKAN NILA (Oreochromis niloticus) MELALUI BIOPELET
- 2.Multispecies coral transplantation: Examining survival rates and growth patterns
- 3.RANCANG BANGUN SISTEM KONTROL PINTAR BERBASIS ARDUINO UNTUK AKUAPONIK DENGAN TEKNOLOGI BIOFLOK
- 4.Development of patty meat analogue using anchovy protein isolate (Stolephorus insularis) as a binding agent
- 5.Selective docking of promising retroviral integrase inhibitors towards prototype foamy virus integrase

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.National Journal, June 2024, Vol 15 (2): 127 - 137
- 2.International Journal, 2024, Vol 1(1): 41 - 46
- 3.National Journal, January 2024, Vol 7 (1): 9 - 17
- 4.International Journal, January 15th 2024, Vol 10 (1): 2 - 11
- 5.International Journal, 2018, Vol 6 (2): 265 - 272

Publication accreditation platform

Scopus :

<https://www.scopus.com/authid/detail.uri?authorId=57196436040>

Sinta :

<https://sinta.kemdikbud.go.id/authors/profile/5987222>

Activities in specialist bodies over the last 5 years

Organization

-

Role

-

Period

-

STAFF HANDBOOK



Name		Dr. Ir. Tati Barus, M.Si.	
Post		Post Graduate Biotechnology Department Teaching Area: Biology, physiology, concepts & networks in biological systems, industrial microbiology, food fermentation	
Academic Career	Appointment	Institution	Year
	Doctoral	Institut Pertanian Bogor	2008
	Magister	Institut Pertanian Bogor	2000
	Undergraduate Degree	Universitas Sumatera Utara	1989
Employment	Position	Employer	Period
	Lecturer	Post Graduate Biotechnology Department Atma Jaya Catholic University of Indonesia	Now

Research and Development projects over the last 5 years	Name of project or research focus
	1.PERBEDAAN KARAKTERISTIK DAN KOMUNITAS BAKTERI TAPAI KETAN HITAM DENGAN BERBAGAI JENIS KEMASAN SELAMA FERMENTASI 2.Pengembangan tempe campuran (biji bunga matahari, kedelai, biji labu kuning, dan kacang adzuki) untuk perbaikan fungsi kognitif pada lansia 3.EFEKTIVITAS ANTI DIARE DAN PROFILE KOMUNITAS BAKTERI TEMPE MENGGUNAKAN BAHAN BAKU BERBEDA 4.KARAKTERISTIK NUTRISI DAN SIFAT FUNGSIONAL TEMPE MENGGUNAKAN BERAGAM SUBSTRAT 5.PERAN BAKTERI DALAM MENENTUKAN CITA RASA TAPE SINGKONG 6.PERTUMBUHAN BEBERAPA JENIS SAYURAN YANG DIBUDIDAYAKAN PADA BEBERAPA KONSENTRASI NUTRISI PADA SISTEM BUDIDAYA HIDROPONIK DENGAN SISTEM DFT 7.OPTIMASI WAKTU FERMENTASI TEMPE TERHADAP KANDUNGAN ASAM GLUTAMAT, VITAMIN B12 DAN SENYAWA BIOAKTIF SEBAGAI PENYEDAP ALAMI 8.PENGEMBANGAN BEBERAPA JENIS MEDIA TERHADAP PERTUMBUHAN BERBAGAI JENIS SAYURAN PADA BUDIDAYA DENGAN SISTEM HIDROPONIK 9.POTENSI BEBERAPA JENIS MEDIA TERHADAP PERTUMBUHAN BEBERAPA JENIS TANAMAN SAYUR PADA BUDIDAYA DENGAN SISTEM HIDROPONIK 10.ANALISIS KOMPREHENSIF MIKROORGANISME TAPE SINGKONG: MIKROBIOLOGI DAN BIOLOGI MOLEKULER (METAGENOMIK)
	Period and any other information
	1.2024 2.2024 3.2023 4.2022 5.2021 6.2021 7.2021 8.2020 9.2019 10.2019
	Partners, if applicable
	1.Unika Atma Jaya 2.BIMA 3.Unika Atma Jaya 4.Unika Atma Jaya 5.Unika Atma Jaya 6.Unika Atma Jaya

- 7.Unika Atma Jaya
- 8.Unika Atma Jaya
- 9.Unika Atma Jaya
- 10.Unika Atma Jaya

Amount of financing

- 1.Rp 27.000.000
- 2.Rp 351.690.000
- 3.Rp 20.000.000
- 4.Rp 21.798.500
- 5.Rp 45.283.000
- 6.Rp 12.000.000
- 7.Rp 20.000.000
- 8.Rp 19.788.000
- 9.Rp 19.733.000
- 10.Rp 49.450.000

Industry collaborations over the last 5 years

-

Patents and proprietary rights

PRODUK TEMPE CAMPURAN KACANG-KACANGAN YANG MENGANDUNG KACANG KEDELAI (Glycine soja), KACANG ERCIS (Pisum sativum), KACANG HITAM (Vigna mungo), DAN KACANG TUNGGAK (Vigna unguiculata) KOMPOSISI PRODUK YANG MENGANDUNG KACANG TUNGGAK, KACANG MERAH, DAN KACANG KEDELAI KOMPOSISI TEMPE YANG TERDIRI DARI KACANG GUDE COKLAT (Cajanus cajan L.), KACANG KEDELAI (Glycine soja), DAN KACANG GUDE HITAM (Cajanus cajan L.) DENGAN RASIO BOBOT 1:1:1

Important publications over the last 5 years

Author (s):

- 1.Rory Anthony Hutagalung, Lucia Idelia Ulina Tindaon, Meda Canti, Arka Dwinanda Soewono, Tati Barus
- 2.TATI BARUS, NOVIANA CENNIATI, VIVITRI DEWI PRASASTY
- 3.Tati Barus, Fransiska Maya, Anastasia Tatik Hartanti
- 4.Sebastian, A., Barus, T., Mulyono, N. and Yanti
- 5.Tati Barus, Widyah, Wisnu Adi Wicaksono, Vivitri Dewi Prasasty

Title:

- 1.PENINGKATAN PERTUMBUHAN IKAN LELE (Clarias Gariepinus) DAN IKAN NILA (Oreochromis niloticus) MELALUI BIOPELET
- 2.Variations in the properties and bacterial community of white glutinous rice tapai under different packaging conditions during fermentation

- 3. Peran Beberapa Galur Rhizopus microsporus yang Berasal dari “laru tradisional” dalam Menentukan Kualitas Tempe
- 4. Effects of fermentation and sterilization on quality of soybean milk
- 5. Identifikasi Bakteri yang BerperandalamPengasaman Kedelai dalam Fermentasi Tempe Berdasarkan Sekuen 16S rDNA

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.National Journal, June 2024, Vol 15 (2): 127 - 137
- 2.International Journal, November 2023, Vol 24 (11): 6240 - 6247
- 3.National Journal, February 2019, Vol 8 (1): 17 - 22
- 4.International Journal, December 2018, Vol 25 (6): 2428 - 2434
- 5.National Journal, June 2021, Vol. 6 (2):71 - 77, Juni2021

Publication accreditation platform

Scopus :
<https://www.scopus.com/authid/detail.uri?authorId=57195200466>

Sinta :
<https://sinta.kemdikbud.go.id/authors/profile/6181517>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Yanti, M.Si., Ph.D.		
Post	Post Graduate Biotechnology Department Teaching Area: Animal cell culture, biochemistry, enzyme biotechnology, immunology, bioanalytical chemistry, basic chemistry, nutrigenomics, nutraceutical foods		
Academic Career	Appointment	Institution	Year
	Doctoral	Yonsei University	2009
	Magister	Institut Pertanian Bogor	2003
	Undergraduate Degree	Institut Pertanian Bogor	2016
Employement	Position	Employer	Period
	Lecturer	Post Graduate Biotechnology Department Atma Jaya Catholic University of Indonesia	Now

Research and Development projects over the last 5 years

Name of project or research focus

- 1.1-DEOXYNOJIRIMYCIN (DNJ) SEBAGAI SENYAWA ANTIDIABETES DI DAUN MURBEI (MORUS SPP.) DARI BERBAGAI AGROEKOLOGI YANG BERBEDA DI INDONESIA
- 2.PERBANDINGAN BIOKOMPATIBILITAS MEMBRAN GUIDED TISSUE REGENERATION BERBAHAN POLY-LACTIC-CO-GLYCOLIC ACID DAN NANOPARTIKEL MAGNESIUM OKSIDA DENGAN MEMBRAN KOMERSIL SUREDERM® SECARA IN VITRO
- 3.TEKNIK BUDIDAYA REMPAH ANDALIMAN DAN PROFILING SENYAWA FITOKIMIANYA
- 4.IDENTIFIKASI, KARAKTERISASI, DAN UJI EFIKASI DARI EKSTRAK ANDALIMAN TERSTANDAR DAN FRAKSI AKTIFNYA UNTUK STRATEGI TERAPETIK ARTRITIS DAN OSTEOARTRITIS DENGAN PENCITRAAN IN VITRO DAN IN VIVO
- 5.Pemurnian dan karakterisasi enzim lakase Trichoderma asperellum LBKURCC1 sebagai biokatalisator pendegradasi limbah zat warna tekstil
- 6.KONDIMEN FUNGSIONAL BERBAHAN NANOEMULSI MINYAK ANDALIMAN UNTUK PENCEGAHAN MALNUTRISI DAN SINDROM METABOLIK
- 7.Identifikasi, Karakterisasi, dan Uji Efikasi dari Ekstrak Andaliman Terstandar dan Fraksi Aktifnya untuk Strategi Terapetik Artritis dan Osteoartritis dengan Pencitraan In Vitro dan In Vivo
- 8.STUDI NUTRASETIKAL BRANCHED CHAIN AMINO ACID DARI KENTOS KELAPA, KARAKTERISASI FISIKOKIMIAWI, DAN FORMULASINYA SEBAGAI ALTERNATIF SUPLEMEN NUTRISI OLAHRAGA
- 9.STUDI NUTRASETIKAL OMEGA 3 DARI KENTOS KELAPA DAN KARAKTERISASI FISIKOKIMIAWINYA SEBAGAI ALTERNATIF SUPLEMEN PANGAN
- 10.Identifikasi, Karakterisasi, dan Uji Efikasi dari Ekstrak Andaliman Terstandar dan Fraksi Aktifnya untuk Strategi Terapetik Artritis dan Osteoartritis dengan Pencitraan In Vitro dan In Vivo

Period and any other information

- 1.2024
- 2.2024
- 3.2024
- 4.2023
- 5.2023
- 6.2023
- 7.2023
- 8.2022
- 9.2022
- 10.2022

Partners, if applicable

- 1.Unika Atma Jaya
- 2.Unika Atma Jaya
- 3.Unika Atma Jaya
- 4.Unika Atma Jaya
- 5.BIMA
- 6.Unika Atma Jaya
- 7.BIMA
- 8.Unika Atma Jaya
- 9.Unika Atma Jaya
- 10.BIMA

Amount of financing

- 1.Rp 50.000.000
- 2.Rp.50.000.000
- 3.Rp 27.000.000
- 4.Rp 300.000.000
- 5.Rp 173.982.000
- 6.Rp 20.000.000
- 7.Rp 300.000.000
- 8.Rp 22.000.000
- 9.Rp 22.000.000
- 10.Rp 237.750.000

Industry collaborations over the last 5 years

-

Patents and proprietary rights

PROSES PEMBUATAN PRODUK AROMATERAPI INHALER DENGAN PENAMBAHAN BAHAN AKTIF ALAMI BERUPA SEDIAAN NANOEMULSI ANDALIMAN. October 27th 2023
PROSES PEMBUATAN PERMEN KERAS DENGAN PENAMBAHAN CUKA REMPAH PROSES PRODUKSI SABUN PADAT BERBAHAN AKTIF MAGGOT August 3rd 2023

Important publications over the last 5 years

Author (s):

- 1.Yanti
 - 2.Yanti
 - 3.Anastasia Aliesa Hermosaningtyas, Dariusz Kruszka, Katarzyna Juszczyk, Monika Rewers, Anna Budzianowska, Yanti Yanti & Małgorzata Kikowska
 - 4.Yanti, Maha, V.N.A., Subali, D. and Tjandrawinata, R.R.
 - 5.Maria Madelaine Nicole, Yanti, Listya Utami Karmawan
-

Title:

- 1.Kajian fungsional dari susu dan produk olahan fermentasinya
- 2.SAINTEFIKASI BAWANG Dari Bumbu Dapur Ke Pangan Fungsional dan Nutrasetikal
- 3.Morphological, cytogenetic, and phytochemical estimation of Lychnis flos-cuculi L. cell cultures: can cell biomass be a source of bioactive compounds?
- 4.Functional efficacy of tempeh oil microemulsion containing omega 3 for Alzheimer’s protection
- 5.Inisiasi Bibit Andaliman (Zanthoxylum acanthopodium DC.) melalui Teknik Kultur In vitro

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.Book, PT. Literasi Nusantara Abadi Grup, 2024
- 2.Book, PT. Literasi Nusantara Abadi Grup, 2024, 172
- 3.International Journal, September 2024, Vol 159 (4): 1 - 23
- 4.International Journal, December 2023, Vol 7 (6) : 168 - 176
- 5.National Journal, February 2023, Vol 4 (1): 34-41

Publication accreditation platform

Scopus :
<https://www.scopus.com/authid/detail.uri?authorId=57207978742>

Sinta :
<https://sinta.kemdikbud.go.id/authors/profile/257845>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Dr. Raymond Rubianto Tjandrawinata, Ph.D., M.S., M.B.A., M.F.P.		
Post	Honorary and External Lecturers Teaching Area: Bioethics, physiology, microbiology, introduction biotechnology, high- tech marketing product		
Academic Career	Appointment	Institution	Year
	MBA (Strategic Management)	The Edward S. Ageno School of Business	-
	Post Doc (Biotechnology)	University of California San Fransisco School of Medicine	-
	MS, PhD (Biochemistry)	University of California Riverside	-
Employment	Position	Employer	Period
	Lecturer	Post Graduate Biotechnology Department Atma Jaya Catholic University of Indonesia	-

Research and Development projects over the last 5 years

Name of project or research focus

- 1.DETERMINASI SUPLEMEN MAKANAN ANAK TERHADAP PERTUMBUHAN DAN METABOLIT BERBAGAI BAKTERI ASAM LAKTAT
- 2.KONDIMEN FUNGSIONAL BERBAHAN NANOEMULSI MINYAK ANDALIMAN UNTUK PENCEGAHAN MALNUTRISI DAN SINDROM METABOLIK
- 3.IDENTIFIKASI, KARAKTERISASI, DAN UJI EFIKASI DARI EKSTRAK ANDALIMAN TERSTANDAR DAN FRAKSI AKTIFNYA UNTUK STRATEGI TERAPETIK ARTRITIS DAN OSTEOARTRITIS DENGAN PENCITRAAN IN VITRO DAN IN VIVO (TAHUN KEDUA)
- 4.STUDI NUTRASETIKAL BRANCHED CHAIN AMINO ACID DARI KENTOS KELAPA, KARAKTERISASI FISIKOKIMIAWI, DAN FORMULASINYA SEBAGAI ALTERNATIF SUPLEMEN NUTRISI OLAHRAGA
- 5.PENGEMBANGAN MINUMAN FERMENTASI KULIT BUAH NAGA MERAH (HYLOCEREUS POLYRHIZUS) PROBIOTIK DENGAN AKTIVITAS ANTIMIKROB
- 6.STUDI NUTRASETIKAL OMEGA 3 DARI KENTOS KELAPA DAN KARAKTERISASI FISIKOKIMIAWINYA SEBAGAI ALTERNATIF SUPLEMEN PANGAN
- 7.SUPLEMEN KESEHATAN BUNI DAN EFEK FUNGSIONALNYA
- 8.SUPLEMEN PROTEIN KEMBANG TELANG DAN EFEK FUNGSIONALNYA
- 9.OPTIMASI PRODUKSI DAN KARAKTERISASI PRODUK JUS DAN CIDER BUAH BUNI / CHARACTERISTICS AND ANTIOXIDANT ACTIVITY FROM ANTIDESMA BUNIVUS FRUIT POWDER AND CIDER BEVERAGE

Period and any other information

- 1.2024
- 2.2023
- 3.2022
- 4.2022
- 5.2022
- 6.2022
- 7.2020
- 8.2020
- 9.2019

Partners, if applicable

- 1.Unika Atma Jaya
- 2.Unika Atma Jaya
- 3.Unika Atma Jaya
- 4.Unika Atma Jaya
- 5.Unika Atma Jaya
- 6.Unika Atma Jaya
- 7.Unika Atma Jaya
- 8.Unika Atma Jaya
- 9.Unika Atma Jaya

Amount of financing

- 1.Rp 100.000.000
- 2.Rp.20.000.000
- 3.Rp.237.750.000
- 4.Rp.22.000.000
- 5.Rp.22.000.000
- 6.Rp.22.000.000
- 7.Rp.50.000.000
- 8.Rp.25.000.000
- 9.Rp 20.000.000

Industry collaborations over the last 5 years

-

Patents and proprietary rights

METODE PEMBUATAN KOYO MATRIKS REMPAH BERBAHAN DASAR ANDALIMAN KOYO MATRIKS REMPAH DARI EKSTRAK ANDALIMAN, CABAI RAWIT, DAN KOMBINASINYA PROSES PEMBUATAN SEDIAAN KOYO PLESTER EKSTRAK REMPAH ANDALIMAN (Zanthoxylum acanthopodium DC.)

Important publications over the last 5 years

Author (s):

- 1.Nurkolis F, Tjandrawinata RR et al.
- 2.Musliha A, Tjandrawinata RR et al.
- 3.Ilmiawan L, Tjandrawinata RR et al.
- 4.Tjandrawinata RR, Nurkolis F
- 5.Visuddho V, Tjandrawinata RR et al.

Title:

- 1.Unraveling diabetes complexity through natural products, miRNAs modulation, and future paradigms in precision medicine and global health
- 2.Unraveling modulation effects on albumin synthesis and inflammation by Striatin, a bioactive protein fraction isolated from Channa striata: In silico proteomics and in vitro approaches
- 3.In silico study binding affinity of regdanvimab-RBD spike protein SARS CoV-2 Omicron variant Indonesia
- 4.A Comparative Analysis on Impact of Extraction Methods on Carotenoids Composition, Antioxidants, Antidiabetes, and Antiobesity Properties in Seagrass Enhalus acoroides: In Silico and In Vitro Study
- 5.Modulation of Apoptotic, Cell Cycle, DNA Repair, and Senescence Pathways by Marine Algae Peptides in Cancer Therapy

Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers.

- 1.International Journal, 2024, Vol 63: 283-293
- 2.International Journal, 2024, Vol 10(19)
- 3.International Journal, 2024, Vol 14(1)
- 4.International Journal, 2024, Vol 22(8): 365
- 5.International Journal, 2024, Vol 22(8): 338

Publication accreditation platform

Scopus : <https://www.scopus.com/authid/detail.uri?authorId=6603266135>

Sinta :
<https://sinta.kemdikbud.go.id/authors/profile/257902>

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

STAFF HANDBOOK



Name	Prof. Dr. Ir. Antonius Suwanto, MSc.		
Post	Honorary and External Lecturers Teaching Area: Bioethics, molecular biology, DNA technology, biomolecular		
Academic Career	Appointment PhD	Institution University of Illinois	Year -
Employement	Position Professor	Employer Post Graduate Biotechnology Department Atma Jaya Catholic University of Indonesia	Period -
Research and Development projects over the last 5 years	Name of project or research focus 1.PARIWISATA 2.BIOTEKNOLOGI LIPASE DAN MIKROBIOLOGI TEMPE 3.PENGEMBANGAN NUGGET IKAN DENGAN SUBSTITUSI TEMPE SEBAGAI PARAPROBIOTIK: ANALISIS FISIKOKIMIA DAN SENSORI		

Period and any other information

- 1.2023
- 2.2020
- 3.2020

Partners, if applicable

- 1.-
- 2.Unika Atma Jaya
- 3.Unika Atma Jaya

Amount of financing

- 1.Rp 2.392.587.524
- 2.Rp 200.000.000
- 3.Rp 20.000.000

Industry collaborations over the last 5 years

-

Patents and proprietary rights

PRODUK NUGGET VEGETARIAN DENGAN SUBSTITUSI TEMPE KACANG KEDELAI
May 31st 2022
PRODUK NUGGET PARAPROBIOTIK BERBAHAN UTAMA TEMPE DENGAN PENAMBAHAN IKAN TENGGIRI DAN PROSES PRODUKSINYA
May 7th 2021

Important publications over the last 5 years

Author (s):

- 1.Wicaksono WA, Suwanto A et al.
- 2.Rusmana I, Suwanto A et al.
- 3.Nur N, Suwanto A et al.
- 4.Wang L, Suwanto A et al.
- 5.Putri AA, Suwanto A et al.

Title:

- 1.Traditionally produced tempeh harbors more diverse bacteria with more putative health-promoting properties than industrially produced tempeh
- 2.Characteristics and activity of SpmoB domain of particulate methane monooxygenase expressed in Escherichia coli BL21 (DE3)
- 3.Cloning and characterization of an acidic lipase from a lipolytic bacterium in tempeh
- 4.A Chromosome-level Reference Genome of African Oil Palm Provides Insights into Its Divergence and Stress Adaptation
- 5.Microbiome Structure Analysis of Oil Palm Pollinator Elaeidobius kamerunicus (Coleoptera; Curculionidae)

Publisher, place of publication, date of publication
or name of periodical, volume, issue, page numbers.

1.International Journal, September 7th 2024, Vol 196
2.International Journal, December 1st 2024, Vol 1271
3.International Journal, December 1st 2023, Vol
21(157): 1 - 16
4.International Journal, June 2023, Vol 21(3): 440 - 454
5.International Journal, November 2023, Vol 30(6)

Publication
accreditation
platform

Scopus :
[https://www.scopus.com/authid/detail.uri?
authorId=6603510946](https://www.scopus.com/authid/detail.uri?authorId=6603510946)

Sinta :
[https://sinta.kemdikbud.go.id/authors/profile/5992
881](https://sinta.kemdikbud.go.id/authors/profile/5992881)

Activities in specialist bodies over the last 5 years	Organization	Role	Period
	-	-	-

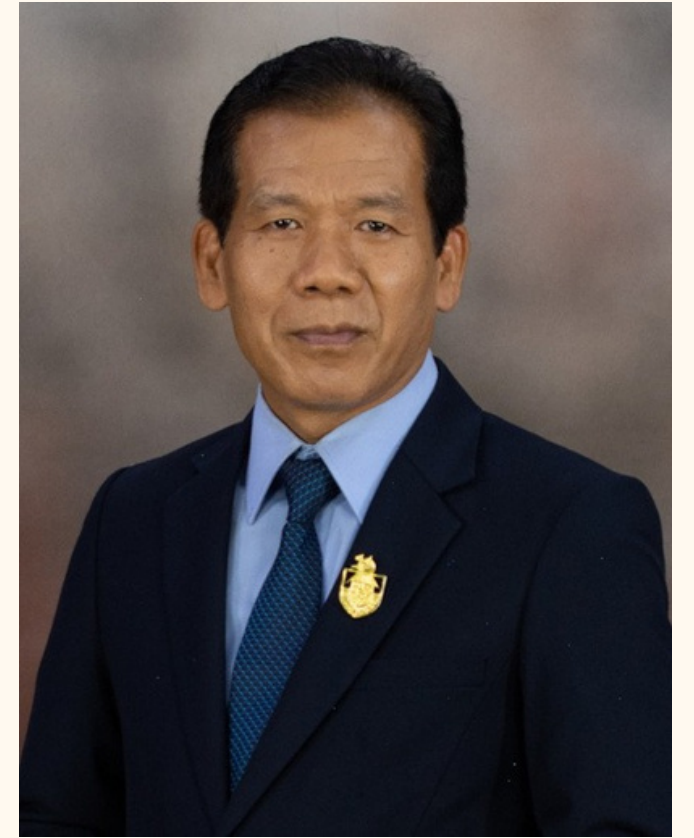
Faculty of Biotechnology Management



**Ir. Rianita
Pramitasari,
S.T.P., M.Sc.**



Yogiara, Ph.D.



**Ignatius
Subandi, S.E.**



**Dr. Listya Utami
Karmawan S.Si.,
M.Si.**



**Diana Lestari,
S.Gz., M.Si.**



**Dr. Adi
Yulandi, M.T.**



**Anastasia Tatik
Hartanti, S.Si.,
M.Si.**



**Dionysius
Subali, S.Si.,
M.Biotek.**

Family of Biotechnology Lecturers



**Unika Atma Jaya
Faculty of Biotechnology**

2024