

DATA PROMOTOR

FAKULTAS : SAINS DAN TEKNOLOGI
PROGRAM STUDI : S3 MATEMATIKA DAN ILMU PENGETAHUAN ALAM

NO.	KETERANGAN	URAIAN
1	Nama	: Prof. Dr. Ir. Agoes Soegianto, DEA.
	Kualifikasi	: Profesor
	Publikasi 5 Tahun Terakhir	: Effect of cadmium on survival, osmoregulation and gill structure of the Sunda prawn, <i>Macrobrachium sintangense</i> (de Man), at different salinities (Marine and Freshwater Behaviour and Physiology, Volume 47, Issue 5, 1 September 2014, Pages 349-360)
		Antioxidant effects of Sarang Semut (<i>Myrmecodia pendans</i>) on the apoptosis of spermatogenic cells of rats exposed to plumbum (Research Journal of Pharmaceutical, Biological and Chemical Sciences, Volume 5, Issue 4, 2014, Pages 282-294)
		Concentration of lead, cadmium and mercury in common ponyfish (<i>Leiognathus equulus</i>) from East Java Coast, Indonesia and its impact on human health (Asian Journal of Water, Environment and Pollution, Volume 11, Issue 3, 2014, Pages 17-22)
		Effect of vitamin C on xenobiotic metabolism and histopathology of fetal brain of lead exposed mice (Research Journal of Pharmaceutical, Biological and Chemical Sciences, Volume 5, Issue 4, 2014, Pages 855-864)
		Contamination of copper, Zinc, cadmium and lead in fish species captured from Bali Strait, Indonesia, and potential risks to human health (Cahiers de Biologie Marine, Volume 56, 2015, Pages 89-95)
		Survival and osmoregulation of juvenile of hybrid grouper (<i>Epinephelus fuscoguttatus</i> × <i>Epinephelus lanceolatus</i>) during acclimation in calcium-supplemented freshwater (Aquaculture International, Volume 25, Issue 2, 1 April 2017, Pages 693-704)
		Concentration of Mercury in Cockles (<i>Anadara granosa</i> and <i>A. antiquata</i>) Harvested from Estuaries of Western Lombok, Indonesia, and Potential Risks to Human Health (Bulletin of Environmental Contamination and Toxicology, Volume 96, Issue 1, 1 January 2016, Pages 20-24)
		Lead toxicity at different life stages of the giant prawn (<i>Macrobrachium rosenbergii</i> , de Man): considerations of osmoregulatory capacity and histological changes in adult gills (Marine and Freshwater Behaviour and Physiology, Volume 49, Issue 3, 3 May 2016, Pages 187-200)
		Monitoring of coastline change using remote sensing data at South Pamekasan (AIP Conference Proceedings, Volume 1718, 15 March 2016, Article number 050007)
		Earthworms morphometric of banana trees in contaminated area with Pb, Cr, Zn and Fe (International Journal of Ecology and Development, Volume 31, Issue 3, 2016, Pages 84-98)
		Length-weight relationship and condition factor of crayfish from south Sorong and Jayawijaya, Papua, Indonesia (Ribarstvo, Croatian Journal of Fisheries, Volume 75, Issue 1, 2017, Pages 18-24)
		Effect of different salinity on serum osmolality, ion levels and hematological parameters of East Java strain tilapia <i>Oreochromis niloticus</i> (Marine and Freshwater Behaviour and Physiology, Volume 50, Issue 2, 4 March 2017, Pages 105-113)
		The distinctive character of shell morphology <i>Rectidens sumatrensis</i> (DUNKER, 1852) against <i>Elongaria orientalis</i> (LEA, 1840) (two local species, bivalvia: Unionidae) from the Brantas river, Indonesia (AIP Conference Proceedings, Volume 1888, 21 September 2017, Article number 020004)
		Oxidative stress responses in gills of tilapia (<i>Oreochromis niloticus</i>) at different salinities (AIP Conference Proceedings, Volume 1868, 4 August 2017, Article number 090006)
		Effects of cadmium on metallothionein and histology in gills of tilapia (<i>Oreochromis niloticus</i>) at different salinities (Toxicological and Environmental Chemistry, Volume 99, Issue 5-6, 3 July 2017, Pages 926-937)
		Potency of bio-charcoal briquette from leather cassava tubers and industrial sludge (AIP Conference Proceedings, Volume 1854, 26 June 2017, Article number 020007)
		Length-weight relations of pelagic fish species from eastern region of java sea, Indonesia (Acta Ichthyologica et Piscatoria, Volume 47, Issue 3, 2017, Pages 307-309)
		Effect of sub-lethal lead exposure at different salinities on osmoregulation and hematological changes in tilapia, <i>Oreochromis niloticus</i> (Archives of Polish Fisheries, Volume 25, Issue 3, 1 September 2017, Pages 173-185)
		Oxidative stress responses in gills of white shrimp <i>Litopenaeus vannamei</i> Boone, 1931 following exposure to cadmium at different salinities (Cahiers de Biologie Marine, Volume 58, Issue 4, 2017, Pages 461-466)
		Effect of Cd on serum osmolality, ion levels and hematological parameters of tilapia (<i>Oreochromis niloticus</i>) at different salinity levels (Zoology and Ecology, Volume 28, Issue 3, 3 July 2018, Pages 205-212)
		Synthesis, characterization, and application of novel Zn(II)-ionic imprinted polymer for preconcentration of Zn(II) ions from aqueous solution (IOP Conference Series: Materials Science and Engineering, Volume 349, Issue 1, 2 May 2018, Article number 012064)
		Benthic Macroinvertebrates Diversity as Bioindicator of Water Quality of Some Rivers in East Kalimantan, Indonesia (International Journal of Ecology, Volume 2018, 2018, Article number 5129421)
2	Topik Penelitian	: Environmental Contamination, Ecotoxicology
	Jumlah Mahasiswa S3 Saat Ini	: 5
	Nama	: Prof. Hery Purnobasuki, M.Si., Ph.D.
	Kualifikasi	: Profesor
	Publikasi 5 Tahun Terakhir	: The effects of lead [Pb(NO3)2] on the growth and chlorophyll content of sea grass [<i>Thalassia hemprichii</i> (ehrenb.) Aschers.] ex situ (Vegetos, Volume 28, Issue 1, 2015, Pages 9-15)
		Asymbiotic seed germination and in vitro seedling development of <i>paphiopedilum liemianum</i> fowle, an endangered terrestrial orchid in northern sumatra, Indonesia (Journal of Plant Sciences, Volume 10, Issue 1, 2015, Pages 25-34)
		Effect of digestion time on anaerobic digestion with high ammonia concentration (AIP Conference Proceedings, Volume 1718, 15 March 2016, Article number 050002)
		Seed germination of <i>Avicennia marina</i> (Forsk.) Vierh. by pericarp removal treatment (Biotropia, Volume 23, Issue 2, 2016, Pages 75-84)
		Roots morphology of <i>Rhizophora apiculata</i> blume as an adaptation strategy of waterlogging and sediment (Journal of Biological Sciences, Volume 17, Issue 3, 2017, Pages 118-126)
		Response morphology and anatomy of tobacco (<i>Nicotiana tabacum</i> L.) plant on waterlogging (AIP Conference Proceedings, Volume 1908, 29 November 2017, Article number 040009)
		Morphology of four root types and anatomy of root-root junction in relation gas pathway of <i>Avicennia Marina</i> (Forsk) Vierh roots (Vegetos, Volume 30, Issue 2, June 2017, Pages 100-104)
		Growth responses of tobacco (<i>Nicotiana tabacum</i> L.) varieties to water logging stress (Bioscience Research, Volume 14, Issue 3, 2017, Pages 574-581)
		Data of root anatomical responses to periodic waterlogging stress of tobacco (<i>Nicotiana tabacum</i>) varieties (Data in Brief, Volume 20, October 2018, Pages 2012-2016)
		Particular variety of tobacco <i>Nicotiana tabacum</i>) exhibits distinct morphological and physiological responses against periodic waterlogging stress (Journal of Physics: Conference Series, Volume 1028, Issue 1, 14 June 2018, Article number 012035)
		Growth responses of <i>rhizophora apiculata</i> blume in different soil and sediment conditions (AAEL BiofluxOpen Access, Volume 11, Issue 2, April 2018, Pages 379-386)
		Biomass and flavonoid production of <i>Gynura procumbens</i> (L.) merr adventitious root culture in balloon-type bubble-bioreactor influenced by elicitation (Asian Journal of Plant Sciences, Volume 17, Issue 2, 2018, Pages 107-119)
	Topik Penelitian	: Plant Anatomy
	Jumlah Mahasiswa S3 Saat Ini	: 2
3	Nama	: Prof. Dr. Ni Nyoman Tri Puspaningsih, M.Si.
	Kualifikasi	: Profesor

	Publikasi 5 Tahun Terakhir	: Chalcones: Synthesis, Structure diversity and pharmacological aspects (Journal of Chemical and Pharmaceutical Research, Volume 6, Issue 5, 2014, Pages 1076-1088) Design and synthesis of chalcone derivatives as inhibitors of the ferredoxin - Ferredoxin-NADP+ reductase interaction of Plasmodium falciparum: Pursuing new antimalarial agents (Molecules, Volume 19, Issue 12, 1 December 2014, Pages 21473-21488) Adsorption of methylene blue using acid activated green color natural zeolite from ende-flores, Indonesia (Rasayan Journal of Chemistry, Volume 11, Issue 2, April-June 2018, Pages 494-504) 4-((4-((2E)-3-(2,5-dimethoxyphenyl)Prop-2-Enoyl)phenyl)amino)-4-Oxobutanoic acid (MolBank, Volume 2017, Issue 2, June 2017, Article number M938) Direct conversion of starch to ethanol using recombinant Saccharomyces cerevisiae containing glucoamylase gene (AIP Conference Proceedings, Volume 1888, 21 September 2017, Article number 020041) (-)-Ampelopsin F, Dimerstilbene Compound from Dryobalanops oblongifolia and Antimalarial Activity Test (Chemistry of Natural Compounds, Volume 53, Issue 3, 1 May 2017, Pages 559-561) Generation of a soluble and active recombinant human secretory leukocyte protease inhibitor (Biotechnologia Aplicada, Volume 34, Issue 2, April-June 2017, Pages 1271-1274) An extracellular α -l-arabinofuranosidase in Escherichia coli using secretory expression system (Asian Journal of Microbiology, Biotechnology and Environmental Sciences, Volume 19, Issue 3, 2017, Pages 531-539) Identification and characterization of thermophilic and pectinolytic bacteria isolated from gunung pancar hot spring bogor, Indonesia (Asian Journal of Microbiology, Biotechnology and Environmental Sciences, Volume 19, Issue 3, 2017, Pages 496-508) Adsorption of hexavalent chromium from aqueous solutions using acid activated of natural zeolite collected from ende-flores, Indonesia (Rasayan Journal of Chemistry, Volume 10, Issue 2, April-June 2017, Pages 606-612) Characterization of enzyme and lipase gene of Lactococcus garvieae from oil contaminated soil (Asian Journal of Microbiology, Biotechnology and Environmental Sciences, Volume 20, Issue 1, 2018, Pages 128-136) Structural basis of product inhibition by arabinose and xylose of the thermostable GH43 β -1,4-xylosidase from Geobacillus thermoleovorans IT-08 (PLoS ONE, Volume 13, Issue 4, April 2018, Article number e0196358) Inhibitory Activity and Docking Analysis of Antimalarial Agents from Stemona sp. toward Ferredoxin-NADP+ Reductase from Malaria Parasites (Journal of Parasitology Research, Volume 2018, 2018, Article number 3469132)
	Topik Penelitian	: Enzym Technology
	Jumlah Mahasiswa S3 Saat Ini	: 6
4	Nama	: Prof. Dr. Ir. Suhariningsih
	Kualifikasi	: Profesor
	Publikasi 5 Tahun Terakhir	: The significance of spatial reconstruction in finite volume methods for the shallow water equations (Applied Mathematical Sciences, Issue 29-32, 2014, Pages 1411-1420) Synthesis of cobalt alloy through smelting method and its characterization as prosthesis bone implant (AIP Conference Proceedings, Volume 1617, 2014, Pages 137-143) Geographically weighted regression modeling for analyzing spatial heterogeneity on relationship between dengue hemorrhagic fever incidence and rainfall in Surabaya, Indonesia (Modern Applied Science, Volume 8, Issue 3, 2014, Pages 85-91) Continuous wave diffuse optical tomography using multimode plastic fiber for non-destructive test of diffused material (Optoelectronics and Advanced Materials, Rapid Communications, Volume 9, Issue 7-8, 2015, Pages 995-999) Chlorophyll mediated photodynamic inactivation of blue laser on Streptococcus mutans (AIP Conference Proceedings Volume 1718, 15 March 2016, Article number 120001) Cholesterol detection using optical fiber sensor based on intensity modulation (Journal of Physics: Conference Series Volume 853, Issue 1, 7 June 2017, Article number 012008) Optical fiber displacement sensor using concave mirror for cholesterol detection (Proceedings - ISSIMM 2017, Volume 2017-January, 29 November 2017, Pages 150-153) Permanent magnetic field, direct electric field, and infrared to reduce blood glucose level and hepatic function in mus musculus with diabetic mellitus (Journal of Physics: Conference Series, Volume 853, Issue 1, 7 June 2017, Article number 012024) Dosimetry of laser radiation for in vitro cancer cells inactivation using exogenous chlorophyll and protoporphyrin IX (PpIX) (Proceedings - ISSIMM 2017, Volume 2017-January, 29 November 2017, Pages 73-77) Evaluation of Energy Dose and Output Power Optimum of Diode's Laser of 450 nm and 650 nm in Photoantimicrobial Mechanisms Against Inhibition of C. Albicans Biofilm Cells (Journal of Physics: Conference Series, Volume 979, Issue 1, 13 March 2018, Article number 012077) Temperature control system on a coconut dryer using solar cells with buck-boost converter on charging battery (Proceedings - iSemantic 2017, Volume 2018-January, 8 January 2018, Pages 115-120) Design and implementation boost converter with constant voltage in dynamic load condition (Proceedings - iSemantic 2017, Volume 2018-January, 8 January 2018, Pages 273-278) Residual current measurement using helmholtz coil configuration with different current flow (International Journal of Electrical and Computer Engineering, Volume 8, Issue 3, June 2018, Pages 1432-1441)
	Topik Penelitian	: Bioenergi, Teknologi Akupunktur, Biolistrik, Fisika Medis
	Jumlah Mahasiswa S3 Saat Ini	: 2
5	Nama	: Prof. Dr. Retna Apsari, M.Si.
	Kualifikasi	: Profesor
	Publikasi 5 Tahun Terakhir	: Tapered fiber optic sensor for potassium detection in distilled water (Proceedings of SPIE - The International Society for Optical Engineering, Volume 9444, 2015, Article number 94440F) L-band mode-locked fiber laser delivering adjustable bright and dark pulses with erbium zirconia yttria aluminum co-doped fiber (Optoelectronics and Advanced Materials, Rapid Communications, Volume 10, Issue 7-8, July-August 2016, Pages 464-466) Microstructure and mechanical changes induced by Q-Switched pulse laser on human enamel with aim of caries prevention (AIP Conference Proceedings, Volume 1718, 15 March 2016, Article number 020001) Fiber optic sensor for heart rate detection (Optik, Volume 134, 1 April 2017, Pages 28-32) The dosage optimization of He-Ne laser energy as a candidate for photodynamic therapy of cancer cells with exogenous photosensitizer variations (Journal of Physics: Conference Series, Volume 853, Issue 1, 7 June 2017, Article number 012034) The utilization of the displacement sensor system to estimate cavities in dentures based on optical imaging (Proceeding - ISSIMM 2016, 3 January 2017, Article number 7803730, Pages 93-98) The regeneration of thermal wound on mice skin (Mus Musculus) after Q-Switch Nd: YAG laser irradiation for cancer therapy candidate (AIP Conference Proceedings, Volume 1888, 21 September 2017, Article number 020015) Application of red laser photodynamic for in vivo diabetic wound healing therapy (Proceedings - ISSIMM 2017 Volume 2017-January, 29 November 2017, Pages 82-85) Dosimetry of laser radiation for in vitro cancer cells inactivation using exogenous chlorophyll and protoporphyrin IX (PpIX) (Proceedings - ISSIMM 2017, Volume 2017-January, 29 November 2017, Pages 73-77) Q-switched erbium-doped fiber laser using thulium fiber saturable absorber (Nonlinear Optics Quantum Optics, Volume 49, Issue 1-2, 2018, Pages 157-165)
	Topik Penelitian	: Biooptics, Laser, Photodynamic Therapy
	Jumlah Mahasiswa S3 Saat Ini	: 1
6	Nama	: Prof. Dr. Ir. Tini Surtiningsih, DEA.
	Kualifikasi	: Profesor
	Publikasi 5 Tahun Terakhir	: Oil removal from petroleum sludge using bacterial culture with molasses substrate at temperature variation (AIP Conference Proceedings, Volume 1718, 15 March 2016, Article number 030002)

		Bioremediation of oil sludge using a type of nitrogen source and the consortium of bacteria with composting method (AIP Conference Proceedings, Volume 1854, 26 June 2017, Article number 020011)
		Lead (Pb) bioaccumulation; Genera Bacillus isolate S1 and SS19 as a case study (AIP Conference Proceedings, Volume 1854, 26 June 2017, Article number 020003)
		Manganese (Mn) stress toward hyperaccumulators plants combination (HPC) using Jatropha curcas and lamtoro gung (L. leucocephala) in mycorrhizal addition on soybean (Glycine max) seedling stage (AIP Conference Proceedings Volume 1854, 26 June 2017, Article number 020027)
		Hydrolysis of imperata cylindrica (L.) Beauv. By penicillium sp., aspergillus Niger and trichoderma viride as bioethanol basic ingredient production (Bioscience Research, Volume 15, Issue 3, July-September 2018, Pages 2318-2326)
	Topik Penelitian	: Mikrobiologi, Bioremediasi
	Jumlah Mahasiswa S3 Saat Ini	: 2
7	Nama	: Prof. Dr. Moh. Yasin, M.Si.
	Kualifikasi	: Profesor
	Publikasi 5 Tahun Terakhir	: Fiber optic displacement sensor for thickness measurement based on transmission and reflection of transparent plate (Journal of Optoelectronics and Advanced Materials, Volume 16, Issue 5-6, May-June 2014, Pages 665-671) Fiber Optic Displacement Sensor for Industrial Applications (IEEE Sensors Journal, Volume 15, Issue 9, 1 September 2015, Article number 7102733, Pages 4882-4887) Continuous wave diffuse optical tomography using multimode plastic fiber for non-destructive test of diffused material (Optoelectronics and Advanced Materials, Rapid Communications, Volume 9, Issue 7-8, 2015, Pages 995-999) Determination of hydrocarbon level in distilled water via fiber optic displacement sensor (IEEE Sensors Journal, Volume 15, Issue 11, 1 November 2015, Article number 7140734, Pages 6135-6140) Intensity based optical fiber sensors for calcium detection (Optoelectronics and Advanced Materials, Rapid Communications, Volume 9, Issue 9-10, September 2015, Pages 1185-1189) Tapered fiber optic sensor for potassium detection in distilled water (Proceedings of SPIE - The International Society for Optical Engineering, Volume 9444, 2015, Article number 94440F) Fiber optic displacement sensor for honey purity detection using glucose adulterant (Jurnal Teknologi, Volume 74, Issue 8, 2015, Pages 1-4) Fiber Optic Radial Displacement Sensor-Based a Beam-Through Technique (IEEE Sensors Journal, Volume 16, Issue 2, 15 January 2016, Article number 7275084, Pages 306-311) Liquid refractometer based mirrorless fiber optic displacement sensor (Sensors and Actuators, A: Physical, Volume 247, 15 August 2016, Pages 227-233) Q-switched dual-wavelength fiber laser using a graphene oxide saturable absorber and singlemode-multimode-singlemode fiber structure (Laser Physics Letters, Volume 13, Issue 10, October 2016, Article number 105105) Sugar Detection in Adulterated Honey via Fiber Optic Displacement Sensor for Food Industrial Applications (IEEE Sensors Journal, Volume 16, Issue 2, 15 January 2016, Article number 7270263, Pages 299-305) Dual-wavelength nano-engineered Thulium-doped fiber laser via bending of singlemode-multimode-singlemode fiber structure (Optical Fiber Technology, Volume 32, 1 December 2016, Pages 96-101) 1941 nm Q-switched thulium-doped fiber laser with a multi-layer black phosphorus saturable absorber (Optoelectronics and Advanced Materials, Rapid Communications, Volume 10, Issue 11-12, November-December 2016, Pages 801-806) Generation of an ultra-stable dual-wavelength ytterbium-doped fiber laser using a photonic crystal fiber (Laser Physics Volume 26, Issue 2, February 2016, Article number 025101) Detection of Rhodamine B levels in distilled water based on displacement sensor using fiber coupler and concave mirror (Journal of Optoelectronics and Advanced Materials, Volume 18, Issue 11-12, November-December 2016, Pages 988-992) Generation of stable and narrow spacing dual-wavelength ytterbium-doped fiber laser using a photonic crystal fiber (Journal of Modern Optics, Volume 63, Issue 10, 30 May 2016, Pages 968-973) Fiber optic displacement sensor for medal detection using fiber bundled probe (AIP Conference Proceedings, Volume 1718, 15 March 2016, Article number 100003) Fiber optic vibration sensor using bifurcated plastic optical fiber (AIP Conference Proceedings, Volume 1787, 28 November 2016, Article number 070004) Mode-locked erbium-doped fiber laser with titanium dioxide saturable absorber (Digest Journal of Nanomaterials and Biostructures, Volume 11, Issue 4, October-December 2016, Pages 1173-1178) Fiber optic coupler displacement sensor for detection of glucose concentration in distilled water (Optoelectronics and Advanced Materials, Rapid Communications, Volume 10, Issue 5-6, May-June 2016, Pages 347-350) Evaluation of light backscattering by zinc oxide nanorods on fiber end of silica optical fiber (Optoelectronics and Advanced Materials, Rapid Communications, Volume 10, Issue 11-12, November-December 2016, Pages 885-888) L-band mode-locked fiber laser delivering adjustable bright and dark pulses with erbium zirconia yttria aluminum co-doped fiber (Optoelectronics and Advanced Materials, Rapid Communications, Volume 10, Issue 7-8, July-August 2016, Pages 464-466) Relative Humidity Sensing Using a PMMA Doped Agarose Gel Microfiber (Journal of Lightwave Technology, Volume 35, Issue 18, 15 September 2017, Article number 7911182, Pages 3940-3944) Fiber optic sensor for heart rate detection (Optik, Volume 134, 1 April 2017, Pages 28-32) Performance comparison of enhanced Erbium-Zirconia-Yttria-Aluminum co-doped conventional erbium-doped fiber amplifiers (Optik, Volume 132, 1 March 2017, Pages 75-79) Potassium permanganate (KMnO4) sensing based on microfiber sensors (Applied Optics, Volume 56, Issue 2, 10 January 2017, Pages 224-228) Cholesterol detection using optical fiber sensor based on intensity modulation (Journal of Physics: Conference Series Volume 853, Issue 1, 7 June 2017, Article number 012008) Multi-wavelength 2-micron cladding pumped thulium - Ytterbium co-doped fiber laser using broad band fiber reflector (Nonlinear Optics Quantum Optics, Volume 48, Issue 3, 2017, Pages 247-254) Synthesis and characterization of breast-phantom-based gelatine-glutaraldehyde-TiO2 as a test material for the application of breast cancer diagnosis (Journal of Physics: Conference Series, Volume 853, Issue 1, 7 June 2017, Article number 012028) Q-switched Raman fiber laser with titanium dioxide based saturable absorber (Optoelectronics and Advanced Materials, Rapid Communications, Volume 11, Issue 3-4, March-April 2017, Pages 127-130) Graphene oxide film as a passive q-switcher in an erbium-doped fiber laser cavity (Photonics Letters of Poland Volume 9, Issue 3, 2017, Pages 100-102) Optical fiber displacement sensor using concave mirror for cholesterol detection (Proceedings - ISSIMM 2017 Volume 2017-January, 29 November 2017, Pages 150-153) Stretched and soliton femtosecond pulse generation with graphene saturable absorber by manipulating cavity dispersion (Optik, Volume 138, 1 June 2017, Pages 250-255) Mode-locking pulse generation in cladding pumped Erbium-Ytterbium co-doped fiber laser with graphene PVA film (Optik, Volume 136, 1 May 2017, Pages 531-535) Performance analysis of Copper Tin Sulfide, Cu2SnS3 (CTS) with various buffer layers by using scaps in solar cells (Surface Review and Letters, Volume 24, Issue 6, 1 August 2017, Article number 1750073) Mode-locked ytterbium-doped fiber laser using mechanically exfoliated black phosphorus as saturable absorber (Optik, Volume 147, October 2017, Pages 52-58) Growth of well-arrayed ZnO nanorods on single-mode silica fiber and evaluation of its light scattering (Microwave and Optical Technology Letters, Volume 59, Issue 9, September 2017, Pages 2196-2201)

		Q-switched erbium-doped fiber laser with graphene oxide embedded in PMMA film (Digest Journal of Nanomaterials and Biostructures, Volume 12, Issue 2, April-June 2017, Pages 325-330)
		Dual-wavelength fiber laser with a bent single-mode multimode single-mode fiber structure (Journal of Optoelectronics and Advanced Materials, Volume 19, Issue 3-4, March-April 2017, Pages 127-131)
		Q-switched fiber laser with a tungsten disulfide saturable absorber prepared by the drop casting method (Photonics Letters of Poland, Volume 9, Issue 3, 2017, Pages 103-105)
		One step linear reconstruction method for continuous wave diffuse optical tomography (AIP Conference Proceedings, Volume 1888, 21 September 2017, Article number 020038)
		An adiabatic silica taper based on two sequential tapering routines (Journal of Optoelectronics and Advanced Materials, Volume 19, Issue 9-10, September-October 2017, Pages 567-574)
		The effect of sintering temperature to the quality of hydroxyapatite coating on cobalt alloys as the candidate of bone implant prosthesis (Journal of Biomimetics, Biomaterials and Biomedical Engineering, Volume 32, 2017, Pages 59-68)
		Dosimetry of laser radiation for in vitro cancer cells inactivation using exogenous chlorophyll and protoporphyrin IX (PpIX) (Proceedings - ISSIMM 2017, Volume 2017-January, 29 November 2017, Pages 73-77)
		Detection of magnesium ion concentration using fiber coupler based displacement sensor with concave mirror target (Optik, Volume 158, April 2018, Pages 37-43)
		Graphene coated silica microfiber for highly sensitive magnesium sensor (Sensors and Actuators, A: Physical, Volume 273, 15 April 2018, Pages 67-71)
		All-fiber ytterbium doped Q-switched fiber laser based on copper nanoparticles saturable absorber (Digest Journal of Nanomaterials and Biostructures, Volume 13, Issue 1, January-March 2018, Pages 279-284)
		Infrared photodetectors based on reduced graphene oxide nanoparticles and graphene oxide (Laser Physics, Volume 28, Issue 6, June 2018, Article number 066204)
		Acquisition of electrical signals using commercial electronic components for detection system of Lead ion in distilled water (Journal of Physics: Conference Series, Volume 997, Issue 1, 12 April 2018, Article number 012006)
		Q-switched hafnium bismuth erbium-doped fiber laser with bismuth (III) telluride based saturable absorber (Chalcogenide Letters, Volume 15, Issue 4, April 2018, Pages 181-186)
		MWCNTs coated silica microfiber sensor for detecting Mg ²⁺ in de-ionized water (Optik, Volume 171, October 2018, Pages 65-70)
		Performance comparison of liquid level sensors using fiber coupler and fiber-bundled probe (Microwave and Optical Technology Letters, Volume 60, Issue 8, August 2018, Pages 1889-1894)
		Characterization of light-control-light system using graphene oxide coated optical waveguide (Laser Physics, Volume 28, Issue 7, July 2018, Article number 076001)
		Highly stable mode-locked fiber laser with graphene oxide-coated side-polished D-shaped fiber saturable absorber (Optical Engineering, Volume 57, Issue 5, 1 May 2018, Article number 056110)
		Potency of sensor displacement detection of cholesterol concentration using flat mirror as media for learning waves and optics (Journal of Physics: Conference Series, Volume 1006, Issue 1, 25 April 2018, Article number 012007)
		A mode-locked thulium-doped fiber laser with multiple wavelength output based on a nonlinear loop mirror (Nonlinear Optics Quantum Optics, Volume 48, Issue 4, 2018, Pages 305-312)
		Q-switched thulium-doped fiber laser using vanadium oxide saturable absorber (Nonlinear Optics Quantum Optics, Volume 48, Issue 4, 2018, Pages 295-303)
		Hydrothermally synthesized zinc oxide nanoparticle based photodetector for blue spectrum detection (Optik, Volume 172, November 2018, Pages 35-42)
		Mode-locked erbium-doped fiber laser employing cobalt doped zinc oxide saturable absorber (Nonlinear Optics Quantum Optics, Volume 49, Issue 1-2, 2018, Pages 105-113)
		Liquid level sensor using fiber bundle (Measurement: Journal of the International Measurement Confederation, Volume 129, December 2018, Pages 542-547)
		Microbottle resonator for formaldehyde liquid sensing (Optik, Volume 173, November 2018, Pages 180-184)
		Liquid level sensor using two fiber bundles (Sensors and Actuators, A: Physical, Volume 280, 1 September 2018, Pages 552-558)
		Passive mode-locking in erbium-doped fibre laser based on BN-GO saturable absorber (Journal of Modern Optics, Volume 65, Issue 21, 15 December 2018, Pages 2339-2349)
		A self-pulsing ring cavity ultra-long Raman fiber laser (Laser Physics, Volume 28, Issue 11, November 2018, Article number 115104)
		Dual-mode output in half open cavity random fibre laser (Optics Communications, Volume 430, 1 January 2019, Pages 273-277)
	Topik Penelitian	: Fisika Optika, Sensor Optik, Sensor Fiber Optik
	Jumlah Mahasiswa S3 Saat Ini	: 2
8	Nama	: Prof. Win Darmanto, M.Si., Ph.D.
	Kualifikasi	: Profesor
	Publikasi 5 Tahun Terakhir	: Effect of vitamin C on xenobiotic metabolism and histopathology of fetal brain of lead exposed mice (Research Journal of Pharmaceutical, Biological and Chemical Sciences, Volume 5, Issue 4, 2014, Pages 855-864)
		The effect of nickel as product of recasting nickel chromium on gingival fibroblasts apoptosis (Journal of International Dental and Medical Research, Volume 8, Issue 1, 2015, Pages 25-30)
		Quantitative structure-cytotoxic activity relationship 1-(benzoyloxy)urea and its derivative (Current Drug Discovery Technologies, Volume 13, Issue 2, 1 August 2016, Pages 101-108)
		Spermatogenic structure and fertility of Mus musculus after exposure of mangosteen (Garcinia mangostana L) pericarp extract (AIP Conference Proceedings, Volume 1718, 15 March 2016, Article number 060003)
		Detection and response of sugarcane against the infection of Sugarcane mosaic virus (SCMV) in Indonesia (Agronomy, Volume 7, Issue 3, 24 July 2017, Article number 50)
		Correlation between in silico and in vitro results of 1-(Benzoyloxy)urea and its derivatives as potential anti-cancer drugs (Chemistry and Chemical Technology, Volume 11, Issue 1, 2017, Pages 19-24)
		Production of a polyclonal antibody against the recombinant coat protein of the sugarcane mosaic virus and its application in the immunodiagnostic of sugarcane (Agronomy, Volume 8, Issue 6, 2018)
		Western blot analysis and immunostaining for prediction of embryotoxicity in mus musculus (Methods in Molecular Biology, Volume 1797, 2018, Pages 497-505)
	Topik Penelitian	: Teratologi, Biologi Molekuler
	Jumlah Mahasiswa S3 Saat Ini	: 2
9	Nama	: Prof. Dr. Afaf Baktir, M.S.
	Kualifikasi	: Profesor
	Publikasi 5 Tahun Terakhir	: TEM analysis of gold nanoparticles synthesis in glycerin: Novel safety materials in cosmetic recovery mercury damage (Research Journal of Pharmaceutical, Biological and Chemical Sciences, Volume 5, Issue 1, January 2014, Pages 397-407)
		Construction and characterization of the intestinal biofilm model of Candida spp (Research Journal of Pharmaceutical, Biological and Chemical Sciences, Volume 5, Issue 1, January 2014, Pages 204-211)
		Stability of colloidal silver nanoparticles synthesized with variance silver ions as antimicrobial in cosmetic formulation (Asian Journal of Chemistry, Volume 27, Issue 4, April 2015, Pages 1525-1528)
		Identification and characterization of biosurfactant producing bacteria Arthrobacter sp. P2(1) (Journal of Pure and Applied Microbiology, Volume 10, Issue 1, March 2016, Pages 151-156)
		Synthesis colloidal platinum nanoparticles with variance silver ion and characterization with UV-visible spectrophotometer and TEM analysis (Research Journal of Pharmaceutical, Biological and Chemical Sciences, Volume 7, Issue 2, 2016, Pages 1688-1695)

		The effectiveness of laser diode induction to Carica Papaya L. chlorophyll extract to be ROS generating in the photodynamic inactivation mechanisms for C.albicans biofilms (Journal of Physics: Conference Series, Volume 853, Issue 1, 7 June 2017, Article number 012026) Direct conversion of starch to ethanol using recomblant Saccharomyces cerevisiae containing glucoamylase gene (AIP Conference Proceedings, Volume 1888, 21 September 2017, Article number 020041) Antifungal Activity of silver loaded zeolite a from bagasse ash against candida albicans (Chemist, Volume 90, Issue 1, 2017, Pages 14-19) Serum acetaldehyde as a potential biomarker for the detection of pathogenic biofilm formation by Candida albicans (Journal of Chemical Technology and Metallurgy, Volume 52, Issue 6, 2017, Pages 1032-1038) The Clinical Test of Nano gold Cosmetic for Recovering Skin Damage Due to Chemicals: Special Case (Journal of Physics: Conference Series, Volume 947, Issue 1, 10 January 2018, Article number 012056) Evaluation of Energy Dose and Output Power Optimum of Diode's Laser of 450 nm and 650 nm in Photoantimicrobial Mechanisms Against Inhibition of C. Albicans Biofilm Cells (Journal of Physics: Conference Series, Volume 979, Issue 1, 13 March 2018, Article number 012077)
	Topik Penelitian	: Biokimia, BiologiMolekuler, Enzim
	Jumlah Mahasiswa S3 Saat Ini	: 3
10	Nama	: Prof. Dr. Y. Sri Wulan Manuhara, M.Si.
	Kualifikasi	: Profesor
	Publikasi 5 Tahun Terakhir	Effect of sucrose and potassium nitrate on biomass and saponin content of Talinum paniculatum Gaertn. hairy root in balloon-type bubble bioreactor (Asian Pacific Journal of Tropical Biomedicine, Volume 5, Issue 12, 1 December 2015, Pages 1027-1032) In vitro propagation of the endangered medicinal orchid, Dendrobium lasianthera J.J.Sm through mature seed culture (Asian Pacific Journal of Tropical Biomedicine, Volume 7, Issue 5, 1 May 2017, Pages 406-410) Influence of Explant Position on Growth of Talinum paniculatum Gaertn. Adventitious Root in Solid Medium and Enhance Production Biomass in Balloon Type Bubble Bioreactor (IOP Conference Series: Earth and Environmental Science, Volume 58, Issue 1, 4 April 2017, Article number 012023) Callus induction of leaf explant Piper betle L. Var Nigra with combination of plant growth regulators indole-3-acetic acid (IAA), benzyl amino purin (BAP) and kinetin (AIP Conference Proceedings, Volume 1888, 21 September 2017, Article number 020081) Effect of sucrose, erythrose-4-phosphate and phenylalanine on biomass and flavonoid content of callus culture from leaves of Gynura procumbens Merr. (AIP Conference Proceedings, Volume 1868, 4 August 2017, Article number 090013) Biomass and flavonoid production of gynura procumbens adventitious roots induced by sucrose, Phenylalanine and Tyrosine (Bioscience Research, Volume 14, Issue 4, October-December 2017, Pages 934-941) Identification of RNA viruses causing sugarcane (Saccharum officinarum L.) mosaic disease by simultaneously multiplex-RT-PCR (Bioscience Research, Volume 14, Issue 3, 2017, Pages 446-454) Biomass and flavonoid production of Gynura procumbens (L.). merr adventitious root culture in baloon-type bubble-bioreactor influenced by elicitation (Asian Journal of Plant Sciences, Volume 17, Issue 2, 2018, Pages 107-119) Hydrolysis of imperata cylindrica (L.) Beauv. By penicillium sp., aspergillus Niger and trichoderma viride as bioethanol basic ingredient production (Bioscience Research, Volume 15, Issue 3, July-September 2018, Pages 2318-2326)
	Topik Penelitian	: Bioteknologi Tanaman, Fisiologi Tumbuhan
	Jumlah Mahasiswa S3 Saat Ini	: 2
11	Nama	: Prof. Dr. Bambang Irawan, M.Sc.
	Kualifikasi	: Profesor
	Publikasi 5 Tahun Terakhir	Effect of cadmium on survival, osmoregulation and gill structure of the Sunda prawn, Macrobrachium sintangense (de Man), at different salinities (Marine and Freshwater Behaviour and Physiology, Volume 47, Issue 5, 1 September 2014, Pages 349-360) Concentration of lead, cadmium and mercury in common ponyfish (Leiognathus equulus) from East Java Coast, Indonesia and its impact on human health (Asian Journal of Water, Environment and Pollution, Volume 11, Issue 3, 2014, Pages 17-22) Concentration of Mercury in Cockles (Anadara granosa and A. antiquata) Harvested from Estuaries of Western Lombok, Indonesia, and Potential Risks to Human Health (Bulletin of Environmental Contamination and Toxicology, Volume 96, Issue 1, 1 January 2016, Pages 20-24) Lead toxicity at different life stages of the giant prawn (Macrobrachium rosenbergii, de Man): considerations of osmoregulatory capacity and histological changes in adult gills (Marine and Freshwater Behaviour and Physiology, Volume 49, Issue 3, 3 May 2016, Pages 187-200) Sea cucumber species identification of family Caudinidae from Surabaya based on morphological and mitochondrial DNA evidence (AIP Conference Proceedings, Volume 1718, 15 March 2016, Article number 030001) Length-weight relationship and condition factor of crayfish from south Sorong and Jayawijaya, Papua, Indonesia (Ribarstvo, Croatian Journal of Fisheries, Volume 75, Issue 1, 2017, Pages 18-24) Effect of different salinity on serum osmolality, ion levels and hematological parameters of East Java strain tilapia Oreochromis niloticus (Marine and Freshwater Behaviour and Physiology, Volume 50, Issue 2, 4 March 2017, Pages 105-113) Oxidative stress responses in gills of tilapia (Oreochromis niloticus) at different salinities (AIP Conference Proceedings, Volume 1868, 4 August 2017, Article number 090006) Spicule size variation in Xestospongia testudinaria Lamarck, 1815 at Probolinggo-Situbondo coastal (AIP Conference Proceedings, Volume 1854, 26 June 2017, Article number 020034) Potency of bio-charcoal briquette from leather cassava tubers and industrial sludge (AIP Conference Proceedings, Volume 1854, 26 June 2017, Article number 020007) Effect of sub-lethal lead exposure at different salinities on osmoregulation and hematological changes in tilapia, Oreochromis niloticus (Archives of Polish Fisheries, Volume 25, Issue 3, 1 September 2017, Pages 173-185) Oxidative stress responses in gills of white shrimp Litopenaeus vannamei Boone, 1931 following exposure to cadmium at different salinities (Cahiers de Biologie Marine, Volume 58, Issue 4, 2017, Pages 461-466) Effect of Cd on serum osmolality, ion levels and hematological parameters of tilapia (Oreochromis niloticus) at different salinity levels (Zoology and Ecology, Volume 28, Issue 3, 3 July 2018, Pages 205-212)
	Topik Penelitian	: Biologi Populasi, Karsinologi, Ekologi
	Jumlah Mahasiswa S3 Saat Ini	: 1
12	Nama	: Dr. Miswanto, M.Si.
	Kualifikasi	: Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	Hybrid Algoritma Genetik dan Hill Climbing untuk Permasalahan Pengepakan Segi Empat Dua Dimensi (Jurnal Matematika dan Ilmu Pengetahuan Alam) The Control Design of Ship Formation with the Presence of a Leader (International Journal of Robotics and Automation (IJRA), Vol. 4, No. 1, March 2015, 53-62) Analysis Swarming Behavior of Multi Agents System (International Journal of Differential Equations and Applications, Volume 14 No. 1 2015, 43-51) Analysis Stability of Multi-Agents System With Disturbance Function (International Journal of Applied Engineering Research, Volume 10, Issue 23, 1 December 2015, Pages 43705-43708) Analysis multi-agent with precense of the leader (Proceedings of the ICWOMAA 2017, AIP Conference Proceedings Volume 1913, 5 December 2017, Article number 020015) Electroencephalography epilepsy classifications using hybrid cuckoo search and neural network (Proceedings of the 2nd ISCPMS 2016, AIP Conference Proceedings, Volume 1862, 10 July 2017, Article number 030129) Epilepsy detection on EEG data using backpropagation, firefly algorithm and simulated annealing (Proceedings of the 2nd ICST 2016, 13 March 2017, Article number 7877368, Pages 167-171)
	Topik Penelitian	: Pemodelan Matematika, Kontrol Optimum

	Jumlah Mahasiswa S3 Saat Ini	:	2
13	Nama	:	Dr. Fatmawati, M.Si.
	Kualifikasi	:	Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	:	Mathematical Modeling of Drug Resistance in Tuberculosis Transmission and Optimal Control Treatment (Applied Mathematical Sciences)
			An Age-structured Model for the Spread of Buruli Ulcer: Analysis and Simulation in Ghana (British Journal of Mathematics & Computer Science)
			An optimal control strategy to reduce the spread of malaria resistance (Mathematical Biosciences)
			An optimal treatment control of TB-HIV co-infection (International Journal of Mathematics and Mathematical Sciences)
			On Max-Plus Algebra and its Application on Image Steganography (The Scientific World Journal)
			Extension of Wolfe Method for Solving Quadratic Programming with Interval Coefficients (Journal of Applied Mathematics)
			Optimal control of HIV resistance and tuberculosis co-infection using treatment intervention (Asian Pacific Journal of Tropical Disease)
			Extension of Wolfe Method for Solving Quadratic Programming with Interval Coefficients (Journal of Applied Mathematics)
	Topik Penelitian	:	Pemodelan Matematika, Kontrol Optimum, Aljabar Terapan
	Jumlah Mahasiswa S3 Saat Ini	:	11
14	Nama	:	Dr. Moh. Imam Utoyo, M.Si.
	Kualifikasi	:	Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	:	Adams-type inequality for weighted non-homogeneous quasi metric space (International Journal of Mathematical Analysis, Volume 8, Issue 45-48, 2014, Pages 2293-2301)
			The similarity of metric dimension and local metric dimension of rooted product graph (Far East Journal of Mathematical Sciences, Volume 97, Issue 7, 2 July 2015, Pages 841-856)
			Fractional integral operator on weighted non-homogeneous generalized Morrey spaces (Far East Journal of Mathematical Sciences, Volume 97, Issue 6, 2 July 2015, Pages 689-699)
			On commutative characterization of generalized comb and corona products of graphs with respect to the local metric dimension (Far East Journal of Mathematical Sciences, Volume 100, Issue 4, August 2016, Pages 643-660)
			Domination Number of Vertex Amalgamation of Graphs (Journal of Physics: Conference Series Volume 855, Issue 1, 12 June 2017, Article number 012059 , 1st International Conference on Mathematics: Education, Theory, and Application, ICMETA 2016)
			On commutative characterization of graph operation with respect to metric dimension (Journal of Mathematical and Fundamental Sciences, Volume 49, Issue 2, 2017, Pages 156-170)
			On the r-dynamic chromatic number of the coronation by complete graph (Journal of Physics: Conference Series Volume 1008, Issue 1, 27 April 2018, Article number 012033)
			A Fractional-Order Model for HIV Dynamics in a Two-Sex Population (International Journal of Mathematics and Mathematical Sciences, Volume 2018, 2018, Article number 6801475)
			Analysis of Fractional Order Mathematical Model of Hematopoietic Stem Cell Gene-Based Therapy (International Journal of Mathematics and Mathematical Sciences, Volume 2018, 2018, Article number 6180892)
			The lower bound of the r -dynamic chromatic number of corona product by wheel graphs (AIP Conference Proceedings Volume 2014, 21 September 2018, Article number 020054, International Conference on Science and Applied Science, ICSAS 2018)
	Topik Penelitian	:	Matematika Analisis
	Jumlah Mahasiswa S3 Saat Ini	:	8
15	Nama	:	Dr. Ni'matuzahroh
	Kualifikasi	:	Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	:	Effect of double inoculation biofertilizer and vesicular arbuscular mycorrhiza on growth and yield of eggplant (Solanum melongena L.) (Journal of Acoreana)
			Effectiveness in Enhancing Oil Recovery through Combination of Biosurfactant and Lipase Bacteria (Journal of Applied Environmental and Biological Sciences)
			Effectiveness of Piper crocatum Ruiz and Pav.Callus Elicitation as Antimicrobial Agents (Journal of Applied Environmental and Biological Sciences.)
			Antagonistic Compatibility of Streptomyces griseorubens, Gliocladiumvirens, and TrichodermaharzianumAgainstFusariumoxysporum Cause of Tomato Wilt Diseases (International Journal of Plant & Soil Science, ISSN: 2320-7035,Vol.: 5, Issue.: 2)
			Anticancer and Antimicrobe Activity of Methoxy Amino Chalcone Derivatives (Der PharmaChemica)
			Identification and characterization of biosurfactant producing bacteria Arthrobacter sp. P2(1) (Journal of Pure and Applied Microbiology)
			Antimicrobial Activities and In Silico Analysis of Methoxy Amino Chalcone Derivatives (Procedia Chemistry Elsevier)
			Identification and Characterisation of Biosurfactant Producing from Bacteria Arthrobacter sp. P2(1) (Journal of Pure and Applied Microbiology)
			Ethanol Fermentation of Algae Spirogyra using Saccharomyces cerevisiae by Adding Hydrogen and Nitrogen Gases to the Space Fermentor (American Journal of Biomass and Bioenergy)
			Production of Biosurfactant by Arthrobactersp. P2(1) in the Carbohydrate Containing Media (International Journal of Chem Tech. Research)
			Biodiversity of Edible Macrofungi from Alas Purwo National Park (Journal of Biological Engineering Research and Review)
			The Potency of Micrococcus sp.as L II 61 Bacteria as oil Sludge Cleaning Agent (Journal of Biological Researches)
			The potency of Micrococcus sp. LII bacteria as oil sludge cleaning agent (Journal of Biological Research)
			Antifungal and Antibacterial Activity of Black Betel (Piper bettle L. var Nigra) (Bioscience Research)
			Biodegradation of naphthalene and phenanthren by Bacillus subtilis 3 KP (AIP Conference Proceedings)
			Co-Utilization of Molasse and Glycerol as Carbon Sources on the Production of Biosurfactant by Isolate Bacteria LII61 (Journal of Applied Environmental and Biological Sciences)
			Studies on The Hungate technique for ethanol fermentation of algae Spirogyra hyalina using Saccharomyces cerevisiae (Journal Biofuels Volume 8, 2017 - Issue 3)
			Effects of the combination between bio-surfactant product types and washing times on the removal of crude oil in nonwoven fabric (AIP Conference Proceedings)
			Bioremediation of oil sludge using a type of nitrogen source and the consortium of bacteria with composting method (AIP Conference Proceedings)
			Effect of aliphatic and aromatic hydrocarbon on the oxygenase production from hydrocarbonoclastic bacteria (Journal of Chemical Technology and Metallurgy)
			Serum acetaldehyde as a potential biomarker for the detection of pathogenic biofilm formation by Candida albicans (Journal of Chemical Technology and Metallurgy)
			Potency of Aspergillus sp.in Hydrolysis Process to Produce Ethanol from Vegetable and Fruit Wastes at Wonokromo Market, Surabaya (IEESE International Journal of Science and Technology (JUSTE))
	Topik Penelitian	:	Mikrobiologi, Bioremediasi
	Jumlah Mahasiswa S3 Saat Ini	:	4
16	Nama	:	Dr. Nur Chamidah, M.Si.
	Kualifikasi	:	Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	:	The Vulnerability Modeling of Dengue Hemorrhagic Fever Disease in Surabaya Based on Spatial Logistic Regression Approach (Applied Mathematical Sciences)
			Designing of Growth Reference Chart by Using Birespon Semiparametric Regression Approach Based on P-Spline Estimator (International Journal of Applied Mathematics and Statistics)

		Estimation of Median Growth Curves for Children Up Two Years Old Based on Biresponse Local Linear Estimator (AIP Conference Proceedings) Local Linear Estimator in Bi-Response Semiparametric Regression Model for Estimating Median Growth Chart of Children (Far East Journal of Mathematical Sciences) Spline estimator in homoscedastic multiresponse nonparametric regression model in case of unbalanced number of observations (Far East Journal of Mathematical Sciences) Hospital Malnutrition Modelling of Children Suffering Acute Respiratory Infections Using Multivariate Adaptive Regression Spline Approach (Conference Proceeding" the 2 nd International Conference on Applied Statistics (ICAS)) Least Square-Spline Estimator in Multi-response Semiparametric Regression Model for Estimating Median Growth Charts of Children in East Java, Indonesia (Far East Journal of Mathematical Sciences)
	Topik Penelitian	: Statistika
	Jumlah Mahasiswa S3 Saat Ini	: 5
17	Nama	: Dra. Tjitjik Srie Tjahjandarie, Ph.D.
	Kualifikasi	: Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	: Antimalarial and antioxidant activity of phenolic compounds isolated from Erythrina crista-galli L. (Journal of Chemical and Pharmaceutical Research (Q3)) Antioxidant Activity of two isomeric benzoxepin derivatives from the stem bark of Bauhinia aculeata L. (J. Chem. Pharm. Res., 2014, 6 (1):705-708) Antimalarial and antioxidant activity of phenolic compounds isolated from Erythrina crista-galli L. (J. Chem. Pharm. Res., 2014, 6 (4):786-790) Dihydroflavonols from the leaves of Macaranga recurvata and their cytotoxic and antioxidant activities (J. Chem. Pharm. Res., 2014, 6 (7):90-95) Development of spectrophotometric method For allopurinol in urine based on the diazotization reaction (The Malaysian J. Anal. Sci, Vol 18 No 1 (2014): 212 – 220) Coumarins from the stem bark of Feronia limonia (J. Chem. Pharm. Res., 2014, 6 (12):499-504) Flavonoids from the stem bark of Bauhinia semibifida L. (Der Pharm Lett., 2014, 6 (6):434-438) Development of spectrophotometric method for allopurinol in urine based on the diazotization reaction (Malaysian journal of analytical science) Synthesis Pterocarpan compounds From Erythrina crista-galli L and their action towards Plasmodium falciparum (J. Chem. Pharm. Res., 2015, 7 (1):666-670) Phenolic compounds from the stem bark of Erythrina orientalis and their cytotoxic and antioxidant activities (Der Pharm Chem., 2015, 7(1):206-211) Antiplasmodial isoprenylated flavonoids from the stem bark of Erythrina ovalifolia Roxb (Der Pharm Lett., 2015, 7 (2):35-39) Alkaloids from the roots of Stemona javanica (Kunth) Engl. (Stemonaceae) and their anti-malarial, acetylcholinesterase inhibitory and cytotoxic activities (Phytochem Lett., 2015, 11:157–162) Isoprenylated flavanone derivatives from Macaranga hosei King ex Hook.F. (Der Pharm Lett., 2015, 7(3):153–156) Airlanggon A, a new isoprenylated benzoic acid from the roots of Erythrina subumbrans and their antioxidant and antimalarial activities (Der Pharm Chem., 2015, 7(3):119-124) A novel spectrophotometric method for determination of chloramphenicol based on diazotization reaction at room temperature (Journal of chemical and pharmaceutical research) Antimalarial and Antioxidant Activities of Isoprenylated Coumarins from the Stem Bark of Mesua borneensis L. (J of Biologically Active Products from Nature (Taylor and Francis)) Methyl 2,5-Dihydroxy-4-(3'-methyl-2'-butenyl)benzoate (Molbank 2016, 2016(2), M892; 10.3390/M892) Phenolic Compound from the stem bark Erythrina orientalis and detection on antimalaria activity by ELISA (AIP Conf. Proc.1718, 06007 (2016); 10.1063/1.4943329) A Novel Spectrophotometric Method for Determination of Chloramphenicol Based on Diazotization Reaction at Room Temperature (Indones.J.Chem., 2016, 16(1), 32-35) Aktivitas Antioksidan Senyawa Flavonoid dari Macaranga personii Merr (Jurnal Kimia Mulawarman, 2016, 13(2), 97-100. Kimia FMIPA Unmul) Antimalaria and Antioxidant Activities of Isoprenylated Coumarin from Stem Bark of Mesua borneensis L. (J. Biologically Active Product from Nature (TBAP), 2016, 6(2), 10.1080/2231866.2016.1188726, 95-100) 5,9,11-Trihydroxy-2,2-dimethyl-10-(3'-methyl-2'-butenyl)-3-(2''-methyl-3''-butenyl)pyrano[2,3-a]xanthen-12(2H)-one from the stem bark of Calophyllum pseudomole (Molbank 2016, 2016, M906; 10.3390/M906) Oxygrnated Coumarins from The Root of Limonia acidissima L. and Their DPPH Radical Scavenging Activity (Der Pharm Lett., 2016, 8(20):33–36) Airlanggins A-B, Two new isoprenylated benzoran 3-ones from the stem bark of Calophyllum soulattri (Natural Product Research (Taylor and Francis) Article in Press) 5,9,11-Trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl)pyrano[2,3-a]xanthen-12(2H)-one from the Stem Bark of Calophyllum tetrapterum Miq. (Molbank, 2017(1), M936) 4-Methoxy-3-(3-Methylbut-2-En-1-Yl)-7-[(3-Methylbut-2-En-1-yl)oxy]quinolin-2(1H)-One from Melicope moluccana T.G. Hartley (Molbank, 2017(2), M939) Aktivitas antioksidan senyawa kumarin ter-O-granilasi dari akar Limonia acidissima L. (J.Trop.Pharm.Chem, 2017, Vol 4 No 2) Mesucalophylloloidin, a new isoprenylated 4-phenylcoumarin from Mesua calophylloides (Ridl.) Kosterm (Natural Product Research, 2017, 1-6) Airlanggin A-B, two new isoprenylated benzofuran-3-ones from the stem bark of Calophyllum soulatri (Natural Product Research, 2017) 5,9,11-Trihydroxy-10-(2''-hydroxy-3''-methylbut-3''-en-1-yl)-2,2-dimethyl-3-(2'-methylbut-3'-en-2'-yl)-2H,12H-pyrano[2,3-a]xanthen-12-one from Calophyllum pseudomole (Molbank 2017(4), M961)
	Topik Penelitian	: Kimia Organik, Sintesis
	Jumlah Mahasiswa S3 Saat Ini	: 1
18	Nama	: Dr. Nanik Siti Aminah, M.Si.
	Kualifikasi	: Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	: Antioxidant activity of flavonoid compounds from the leaves of Macaranga gigantea (Journal of Chemical and Pharmaceutical Research, 6(6), 688-692) Modification of Turen's Bentonite with AlCl3 for Esterification of Palmitic Acid (Bulletin of Chemical Reaction Engineering & Catalysis, 9 (1), 66-73) Antioxidant activity of flavonoid compounds from the leaves of Macaranga gigantea (Journal of Chemical and Pharmaceutical Research, 6(6):688-692) Phenolic compounds from the stem bark of Saccopetalum horsfieldii Benn (Der Pharmacia Lettre, 7 (3):149-152) Preparation and characterization Al3+-bentonite Turen Malang for esterification fatty acid (palmitic acid, oleic acid and linoleic acid) (AIP Conference Proceedings, Vol. 1718, issue 1, p. 070001) (-)-Ampelopsin F, Dimethylbenzene Compound from Dryobalanops oblongifolia Dyer (Dipterocarpaceae) and Antimalarial Activity Test (Chemistry of Natural Compounds, Volume 53, Issue 3, pp 559–561) Confusarin And Nudol, Two Phenanthrene Group Compounds, From Dioscorea esculenta L. And Their Antioxidant Activities (Journal of Chemical Technology & Metallurgy, Vol. 52, Issue 6, p1135-1139. 5p.) Methyl-3, 4-dihydroxybenzoate and 9-10-dihydrophenanthrene-2, 4, 7-triol two phenolic compounds from Dioscorea alata L. and their antioxidant activity (AIP Conference Proceedings, Vol.1888, issue 1, p 020050)
	Topik Penelitian	: Kimia Organik, Kimia Organik Bahan Alam, Senyawa Fenolik
	Jumlah Mahasiswa S3 Saat Ini	: 2
19	Nama	: Dr. Edy Setiti Wida Utami, M.S.
	Kualifikasi	: Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	: Pengaruh penambahan ekstrak alga Eucheuma cottonii terhadap keberhasilan mikropropagasi Tebu (Saccharum officinarum) varietas VCM 86-550 (Jurnal Matematika dan Ilmu Pengetahuan Alam)

		Effect of sucrose and potassium nitrate on biomass and saponin content of <i>Talinum paniculatum</i> Gaertn. Hair root in balloon-type bubble bioreactor (Asian Pacific Journal of Tropical Biomedicine, 5 (12), 1027-1032)
		Reproductive peak, gonadal cycle and gametogenic cells determination of sea cucumber <i>Paracaudina australis</i> from Madura Strait, East Java, Indonesia (International Journal of Academic Research 7(3) 2015 DOI:dx.doi.org/10.7813/2075-4124.2015/7-3/A.11)
		Effect of sucrose and potassium nitrate on biomass and saponin content of <i>Talinum paniculatum</i> Gaertn hairy root in balloon-type bubble bioreactor (Asian Pacific Journal of Tropical Biomedicine)
		Asymbiotic Seed Germination and In Vitro Seedling Development of <i>Paphiopedilum liemianum</i> Fowlie, an Endangered Terrestrial Orchid in Northern Sumatra, Indonesia (Journal of Plant Sciences)
		Optimization of Culture Condition of <i>Talinum paniculatum</i> Gaertn. Adventitious Roots in Balloon Type Bubble Bioreactor Using Aeration Rate and Initial Inoculum Density (Asian Journal of Biological Sciences)
		<i>Agrobacterium rhizogenes</i> Mediated Hairy Root Induction in <i>Justicia gendarusa</i> Burm.f (J. Appl. Environ. Sci)
		Quantity essential oil from rose callus leaf (<i>Rosa hybrid</i> L. variety <i>Hybride</i> tea purple): : Results of light elicitation (Journal of Chemical and Pharmaceutical Research)
		Optimasi Isolasi Protoplas Mesofil Daun Anggrek <i>Paraphalaenopsis laycockii</i> (J. AGROTROP)
		Induksi Regenerasi <i>Phalaenopsis amabilis</i> (L) BI pada Berbagai Dosis Zat Pengatur Tumbuh (Jurnal of Natural Sciences)
		Pengaruh Intensitas Cahaya Terhadap Biomassa dan Kadar Saponin Kalus Ginseng Jawa (<i>Talinum paniculatum</i> Gaertn.) Pada Berbagai Waktu Kultur (Jurnal Ilmiah Biologi)
		Effect of Sucrose and Potassium Nitrate on Biomass and Saponin Content of <i>Talinum paniculatum</i> Gaertn. Hairy Root in Balloon-Type Bubble Bioreactor (Asian Pacific Journal of Tropical Biomedicine)
		Induksi akar rambut <i>Gendarusa</i> (<i>Justicia gendarussa</i> Burm. f.) dengan perlakuan perbedaan lama waktu infeksi <i>Agrobacterium rhizogenes</i> strain YM072001 dan A4T (Jurnal Bioslogos)
		Asymbiotic seed germination and in vitro seedling development of <i>Paphiopedilum liemianum</i> Fowlie, an endangered terrestrial orchid in Northern Sumatra, Indonesia (Journal of Plant Sciences)
		Quantity essential oil from rose callus leaf (<i>Rosa hybrid</i> L. variety <i>Hybride</i> tea purple): Results of light elicitation (Journal of Chemical and Pharmaceutical Research)
		<i>Agrobacterium rhizogenes</i> mediated hairy root induction in <i>Justicia gendarussa</i> Burm.f (Journal of Applied Environmental and Biological Sciences)
		Optimization of Culture Conditions of <i>Talinum paniculatum</i> Gaertn. Adventitious Roots in Balloon Type Bubble Bioreactor Using Aeration Rate and Initial Inoculum Density (Asian Journal of Biological Sciences)
		Seed germination of <i>Avicennia marina</i> (Forsk.) Vierh. by pericarp removal treatment (Biotropia)
		The effect of organic nutrient and growth regulators on seed germination, embryo and shoot development of <i>Dendrobium antennatum</i> Lindl. Orchid by in vitro (Biosaintifika)
		Various infection time of <i>Agrobacterium rhizogenes</i> Strain LB510 for hairy root induction on <i>Justicia gendarusa</i> Burm.f. (International J. of Chem Tech Research)
		Callus induction of <i>Gendarusa</i> (<i>Justicia gendarusa</i> Burm.f.) by various concentration of 2,4D, IBA, and BAP (Biosaintifika)
		In vitro propagation of the endangered medicinal orchid, <i>Dendrobium lasianthera</i> J.J.Sm through mature seed culture (Asian Pacific Journal of Tropical Biomedicine)
		Hairy root induction on <i>Justicia gendarusa</i> Burm.f.) by various density of <i>Agrobacterium rhizogenes</i> Strain LB510 (Biosaintifika)
		Various infection time of <i>Agrobacterium rhizogenes</i> strain LB510 for hairy root induction on <i>Justicia gendarussa</i> Burm.f (International Journal of ChemTech Research)
		In Vitro Propagation of the Endangered Medicinal Plant Orchid, <i>Dendrobium lasianthera</i> J.J.Sm through Mature seed Culture. (Asian Pacific Journal of Tropical Biomedicine)
	Topik Penelitian	: Kultur Jaringan Tumbuhan, Orkidologi
	Jumlah Mahasiswa S3 Saat Ini	: 2
20	Nama	: Dr. Sucipto Hariyanto, DEA.
	Kualifikasi	: Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	: Potency of Diethylene Triamine Penta Acetic Acid to Improve Cu Absorption by <i>Crotalaria juncea</i> from Soil Contaminated Electroplating Waste (Journal of Applied Phytotechnology in Environmental Sanitation) Contamination of copper, zinc, cadmium and lead in fish species captured from Bali Strait, Indonesia, and potential risks to human health (Cahiers de Biologie Marine) Asymbiotic Seed Germination and In Vitro Seedling Development of <i>Paphiopedilum liemianum</i> Fowlie, an Endangered Terrestrial Orchid in Northern Sumatra, Indonesia (Journal of Plant Sciences) Optimasi Isolasi Protoplas Mesofil Daun Anggrek <i>Paraphalaenopsis laycockii</i> (J. AGROTROP) Induksi Regenerasi <i>Phalaenopsis amabilis</i> (L) BI pada Berbagai Dosis Zat Pengatur Tumbuh (Jurnal of Natural Sciences) The use of <i>Lumbricus rubellus</i> as bioremediation agent of vermicomposting of city organic waste polluted by lead metal (Pb) (World Applied Sciences Journal) Asymbiotic seed germination and in vitro seedling development of <i>Paphiopedilum liemianum</i> Fowlie, an endangered terrestrial orchid in Northern Sumatra, Indonesia (Journal of Plant Sciences) The effect of organic nutrient and growth regulators on seed germination, embryo and shoot development of <i>Dendrobium antennatum</i> Lindl. Orchid by in vitro (Biosaintifika) Length-weight relationship and condition factor of crayfish from south Sorong and Jayawijaya, Papua, Indonesia (Ribarstvo, Croatian Journal of Fisheries, Volume 75, Issue 1, 2017, Pages 18-24) Effects of cadmium on metallothionein and histology in gills of tilapia (<i>Oreochromis niloticus</i>) at different salinities (Toxicological and Environmental Chemistry) In vitro propagation of the endangered medicinal orchid, <i>Dendrobium lasianthera</i> J.J.Sm through mature seed culture (Asian Pacific Journal of Tropical Biomedicine) Growth responses of tobacco (<i>Nicotiana tabacum</i> L.) varieties to waterlogging stress (Bioscience Research) Roots morphology of <i>Rhizophora apiculata</i> Blume as an adaptation strategy of waterlogging and sediment (Journal of Biological Sciences) In Vitro Propagation of the Endangered Medicinal Plant Orchid, <i>Dendrobium lasianthera</i> J.J.Sm through Mature seed Culture (Asian Pacific Journal of Tropical Biomedicine)
	Topik Penelitian	: Ilmu Lingkungan, Ekologi Rawa
	Jumlah Mahasiswa S3 Saat Ini	: 2
21	Nama	: Dr. Suryani Dyah Astuti, M.Si.
	Kualifikasi	: Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	: Potensi Pemaparan LED untuk fotoinaktivasi Bakteri <i>Streptococcus</i> mutant (Jurnal Fisika dan Terapannya) The Photodynamic Effect of LED-Magnetic Exposure To Photoinactivation of Aerobic Photosynthetic Bacteria (Indonesian Journal of Tropical and Infectious Disease) Optimization of 48 kHz Ultrasonic Wave Dose For The Inactivation of <i>Salmonella typhi</i> (Indonesian Journal of Tropical and Infectious Disease) Chlorophyll Mediated Photodynamic Inactivation of Blue Laser on <i>Streptococcus</i> (AIP Conference Proceedings) Photodynamic Combined with Magnetic Field Applications for Viability Activation of Anaerobic Photosynthetic Bacteria (Applied Mechanics and Materials) Potensi Pemaparan Light Emitting Diode (LED) Inframerah Untuk Fotoinaktivasi Bakteri <i>Bacillus subtilis</i> (Biosains) Photodynamic Effect of LED Exposure Influenced by Electromagnetic fields on <i>Escherichia coli</i> Bacteria Cells (1st International Conference on Science and Engineering (ICoSE)) Chlorophyll Mediated Photodynamic Inactivation of Blue Laser on <i>Streptococcus</i> Mutans (AIP Proceedings) Comparison microbial killing efficacy between sonodynamic therapy and photodynamic therapy (Proceedings of SPIE)

		An In vitro Anti-microbial Photodynamic Therapy (aPDT) with Blue LEDs To Activate Chlorophylls of Alfalfa Medicago sativa L On Aggregatibacter actinomycetemcomitans (Journal of International Dental and Medical Research) Efficacy of CNC-Diode Laser Combine with Chlorophylls to Eliminate Staphylococcus Aureus Biofilm (IEEE Proceedings) Aggregatibacter actinomycetemcomitans sensitivity towards chlorophyll of Moringa leaf after activated by diode laser (Dental Journal) Antimicrobial Photodynamic Effects of Polychromatic Light Activated By Magnetic Fields to Bacterial Viability (Journal of International Dental and Medical Research) Antimicrobial effect of pleomeleangustifolia pheophytin A activation with diode laser to Streptococcus mutans (Journal of Physics: Conf. Series) An in vivo photodynamic therapy with diode laser to cell activation of kidney dysfunction (Journal of Physics: Conf. Series) An invitro Antifungal Efficacy of Silver Nanoparticles Activated by Diode Laser to Candida albicans (AIP)
	Topik Penelitian	: Biofisika radiasi, Foto dinamik, Fisika Medis
	Jumlah Mahasiswa S3 Saat Ini	: 1
22	Nama	: Dr. Pratiwi Pudjiastuti, Dra, M.Si
	Kualifikasi	: Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	: Design and Synthesis of Chalcone Derivatives as Inhibitors of the Ferredoxin — Ferredoxin-NADP+ Reductase Interaction of Plasmodium falciparum: Pursuing New Antimalarial Agents (Molecules (Q2)) : Epi-crocin and crocin from Stemona tuberosa antimalarial or inhibiting dihydrofolate reductase (DHFR) activity and their molecular modeling (Journal of Chemical and Pharmaceutical Research (Q3)) : Antimalarial and antioxidant activity of phenolic compounds isolated from Erythrina crista-galli L. (Journal of Chemical and Pharmaceutical Research (Q3)) : Antimalarial and antioxidant activity of phenolic compounds isolated from Erythrina crista-galli L. (J. Chem. Pharm. Res., 2014, 6 (4):786-790) : Design and Synthesis of Chalcone Derivatives as Inhibitors of the Ferredoxin - Ferredoxin-NADP+ Reductase Interaction of Plasmodium falciparum (Pursuing New Anti-malarial Agents, Molecules, Vol19, 21473-21488; doi:10.3390/molecules191221473) : Epi-crocin and crocin from Stemona tuberosa antimalarial drug for inhibiting dihydrofolate reductase (DHFR) activity and their molecular modeling (Journal of Chemical and Pharmaceutical Research) : Alkaloids from the roots of Stemonajavanica (Kunth) Engl. (Stemonaceae) and their anti-malarial, acetylcholinesterase inhibitory and cytotoxic activities (Phytochemistry Letters) : In vitro study of parasitemia determination of alkaloid from S. tuberosa Lour by flow cytometry in comparison with optical microscopy (Der Pharma Chemica) : Electrochemical Degradation of Malachite Green using Nanoporous Carbon Paste Electrode (5th International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS 2015)) : Alkaloids from the roots of Stemona javanica (Kunth) Engl. (Stemonaceae) and their anti-malarial, acetylcholinesterase inhibitory and cytotoxic activities (Phytochem Lett., 2015, 11:157-162) : In Vitro Study of Parasitemia Determination of Alkaloids From S. tuberosa Lour by Flow Cytometry in Comparison with Optical Microscopy (Der Pharma Chemica) : Drug delivery hard shell capsules from seaweed extract (Journal of Chemical Technology & Metallurgy) : A novel spectrometric method for the determination of histamine based on its complex reaction with Ni (II) and Alizarin red S (Indonesian Journal of Chemistry) : Novel drug delivery carrier from alginate-chitosan and glycerol as a plasticizer (Results in Physics) : Uterus weight of ovariectomized rats given cocoa powder and extract (Pelita Perkebunan, A Coffee and Cocoa Research Journal- DOAJ- index)
	Topik Penelitian	: Kimia Organik, Bahan Alam, Alkaloid
	Jumlah Mahasiswa S3 Saat Ini	: 1
23	Nama	: Dr. Dwi Winarni, M.Si.
	Kualifikasi	: Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	: Struktur Komunitas Teripang Di Pantai Timur Surabaya (Jurnal Matematika dan Ilmu Pengetahuan Alam 17(1)2014) : The Study of Sea Cucumber (Phyllophorus sp) Gonads Histology: Thermal Shock To The Spawning Process (Journal of Natural Sciences Research 5 (11): p 101-105, 2015) : Reproductive peak, gonadal cycle and gametogenic cells determination of sea cucumber Paracaudina australis from Madura Strait, East Java, Indonesia (International Journal of Academic Research 7(3) 2015 DOI:dx.doi.org/10.7813/2075-4124.2015/7-3/A.11) : The Behavior of Sea Cucumber Phyllophorus sp. during the Period of Adaptation (Asian Journal of Applied Sciences. 04 – Issue 04: 817-823) : Provision of Arak Bali Reduces Spermatozoa Quality of White Rats (Rattus norvegicus) (Folia Medica Indonesiana 52(4):235-240) : Fagositosis Mencegah Infeksi Tuberkulosis Setelah Perlakuan Phyllophorus Sp. Sebagai Imunomodulator (Jurnal Biologi dan Pembelajaran Biologi .1 (2): 105-114) : Efek pemberian polisakarida kresin dari ekstrak Corioli versicolor terhadap kadar SGOT dan SGPT pada Mus musculus (Prosiding Seminar Nasional from Basic Science to Comprehensive Education ISBN: 978-602-72245-1-3) : Toksisitas kronis polisakarida kresin dari ekstrak Corioli versicolor pada histologi ginjal dan kadar kreatinin serum Mus musculus L (Seminar Nasional UIN Alaudin Makassar) : Sperm Quality And Testicular Structure Of Mus Musculus After Garcinia Mangostana L. Pericarp Extract Administration In Different Polarity (Journal Of Advanced Zoology) : Histopathological Assessment Of The Effect Cadmium On Testis And Kidney Of Oreochromis Niloticus In Different Saline (AIP Conference Proceedings.) : The Regeneration of Thermal Wound on Mice Skin (Mus Musculus) after Q-Switch Nd: YAG Laser Irradiation for Cancer Therapy Candidate (AIP Conference Proceedings 1888, 020015-1 – 020015-11) : Activity Assay of Mangosteen (Garcinia mangostana L.) Pericarp Extract for Decreasing Fasting Blood Cholesterol Level and Lipid Peroxidation in Type-2 Diabetic Mice (AIP Conf. Proc. 1888, 020026-1–020026-6) : Histopathological assessment of cadmium effect on testicles and kidney of Oreochromis niloticus in different salinity (Proceeding of International Biology Conference 2016 AIP Conf. Proc. 1854, 020014-1–020014-) : Permanent magnetic field, direct electric field, and infrared to reduce blood glucose level and hepatic function in mus musculus with diabetic mellitus (Journal of Physics: Conference Series, Volume 853, Issue 1, 7 June 2017, Article number 012024) : Activity test of Various Mangosteen (Garcinia mangostana) Pericarp Extract Fractions to Decrease Fasting Blood Cholesterol Levels and Peroxidation Activity in Diabetic Mice (AIP Conference Proceedings 1888,020026) : The regeneration of thermal wound on mice skin (Mus Musculus) after Q-Switch Nd:YAG laser irradiation for cancer therapy candidate (AIP Conference Proceedings 1888) : Polysaccharides from Okra Improves Spleen Weight and B-Lymphocytes Proliferation in Mice Infected by Staphylococcus aureus (Biosaintifika : Journal of Biology & Biology Education) : Efficacy of Magnetic and Electrical Fields Combine with Infrared Wave for Reducing Blood Glucose Level in Diabetic Mice (Prosiding Internasional) : Permanent magnetic field, direct electric field, and infrared to reduce blood glucose level and hepatic function in mus musculus with diabetic mellitus (Journal of Physics: Conference Series, Volume 853, Issue 1, 7 June 2017, Article number 012024)
	Topik Penelitian	: Histologi, Fisiologi Hewan
	Jumlah Mahasiswa S3 Saat Ini	: 1
24	Nama	: Dr. Purkan, M.Si.
	Kualifikasi	: Doktor, Lektor Kepala

	Publikasi 5 Tahun Terakhir	:	Construction and Characterization of the Intestinal Biofilm Model of <i>Candida spp</i> (Research Journal of Pharmaceutical, Biological and Chemical Sciences) Mutation in <i>pncA</i> and distortion in <i>PZase</i> model structure as a basis of pyrazinamide resistance in <i>Mycobacterium tuberculosis</i> (Journal of Chemical and Pharmaceutical Research) Shortening of Amino Acids from C-terminal of <i>PZase</i> as Basis of Pyrazinamide Resistance in P14 Isolate of <i>Mycobacterium tuberculosis</i> Strain (Procedia Chemistry) Mutation of <i>katG</i> in a clinical isolate of <i>Mycobacterium tuberculosis</i>: effects on catalase-peroxidase for isoniazid activation (Ukr Biochem J.) Xylanase Enzyme From A Local Strain of <i>Pseudomonas stutzeri</i> (Journal of Chemical Technology and Metallurgy) Direct Conversion of Starch to Ethanol Using Recombinant <i>Saccharomyces cerevisiae</i> Containing Glucoamylase Gene (AIP Conference Proceedings) Structure - Activity Relationship of Mutant <i>KatG</i> from INH resistant <i>Mycobacterium tuberculosis</i> (J Pure Appl Microbio) Structure - activity relationship of mutant <i>Kat G</i> from INH resistant <i>Mycobacterium tuberculosis</i> (Journal of Pure and Applied Microbiology) Xylanase Enzyme From A Local Strain of <i>Pseudomonas stutzeri</i> (Journal of Chemical Technology and Metallurgy)
	Topik Penelitian	:	Biokimia
	Jumlah Mahasiswa S3 Saat Ini	:	2
	25	:	
	Nama	:	Dr. Mulyadi Tanjung, M.S.
	Kualifikasi	:	Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	:	Antioxidant activity of flavonoid compounds from the leaves of <i>Macaranga gigantea</i> (Journal of Chemical and Pharmaceutical Research, 6(6), 688-692) Antimalarial and antioxidant activity of phenolic compounds isolated from <i>Erythrina crista-galli</i> L. (Journal of Chemical and Pharmaceutical Research (Q3)) Antioxidant activity of flavonoid compounds from the leaves of <i>Macaranga gigantea</i> (Journal of Chemical and Pharmaceutical Research, 6(6):688-692) Antioxidant Activity of two isomeric benzoxepin derivatives from the stem bark of <i>Bauhinia aculeata</i> L. (J. Chem. Pharm, Res., 2014, 6 (1):705-708) Dihydroflavonols from the leaves of <i>Macaranga recurvata</i> and their cytotoxic and antioxidant activities (J. Chem. Pharm, Res., 2014, 6 (7):90-95) Flavonoids from the stem bark of <i>Bauhinia semibifida</i> L. (Der Pharm Lett., 2014, 6 (6):434-438) Phenolic compounds from the stem bark of <i>Sacopetalum horsfieldii</i> Benn (Der Pharmacia Lettre, 7 (3):149-152) Tapered fiber optic sensor for potassium detection in distilled water (Proceedings of SPIE - The International Society for Optical Engineering, Volume 9444, 2015, Article number 94440F) Synthesis Pterocarpans compounds From <i>Erythrina crista-galli</i> L and their action towards <i>Plasmodium falciparum</i> (J. Chem. Pharm, Res., 2015, 7 (1):666-670) Phenolic compounds from the stem bark of <i>Erythrina orientalis</i> and their cytotoxic and antioxidant activities (Der Pharm Chem., 2015, 7(1):206-211) Antiplasmodial isoprenylated flavonoids from the stem bark of <i>Erythrina ovalifolia</i> Roxb (Der Pharm Lett., 2015, 7 (2):35-39) Isoprenylated flavanone derivatives from <i>Macaranga hoesi</i> King ex Hook.F. (Der Pharm Lett., 2015, 7(3):153-156) Airlanggon A, a new isoprenylated benzoic acid from the roots of <i>Erythrina subumbrans</i> and their antioxidant and antimalarial activities (Der Pharm Chem., 2015, 7(3):119-124) Antimalarial and Antioxidant Activities of Isoprenylated Coumarins from the Stem Bark of <i>Mesua borneensis</i> L. (J of Biologically Active Products from Nature (Taylor and Francis)) Methyl 2,5-Dihydroxy-4-(3'-methyl-2'-butenyl)benzoate (Molbank 2016, 2016(2), M892; 10.3390/M892) Phenolic Compound from the tem bark <i>Erythrina orientalis</i> and detection on antimalaria activity by ELISA (AIP Conf. Proc.1718, 06007 (2016); 10.1063/1.4943329) Aktivitas Antioksidan Senyawa Flavonoid dari <i>Macaranga personii</i> Merr (Jurnal Kimia Mulawarman, 2016, 13(2), 97-100. Kimia FMIPA Unmul) Antimalaria and Antioxidant Activities of Isoprenylated Coumarin from Stem Bark of <i>Mesua borneensis</i> L. (J.Biologically Active Product from Nature (TBAP), 2016, 6(2), 10.1080/2231866.2016.1188726, 95-100) 5,9,11-Trihydroxy-2,2-dimethyl-10-(3'-methyl-2'-butenyl)-3-(2"-methyl-3"-butenyl)pyrano[2,3-a]xanthen-12(2H)-one from the stem bark of <i>Calophyllum pseudomole</i> (Molbank 2016, 2016, M906; 10.3390/M906) Oxygranylated Coumarins from The Root of <i>Limonia acidissima</i> L. and Their DPPH Radical Scavenging Activity (Der Pharm Lett., 2016, 8(20):33-36) Phenolic compounds from <i>Aquilaria microcarpa</i> stem bark (Journal of Chemical Technology and Metallurgy) Airlanggins A-B, Two new isoprenylated benzoran 3-ones from the stem bark of <i>Calophyllum soulattri</i> (Natural Product Research (Taylor and Francis) Article in Press) Flavonoid and stilbene from <i>Macaranga trichocarpa</i> (Fitoterapia (Elsevier) Article in Press) Prenylated Dihydrostilbenes from <i>Macaranga rubiginosa</i> (Chemistry of Natural Compounds (Springer)) Confusarin And Nudol, Two Phenathrene Group Compounds, From <i>Dioscorea esculenta</i> L. And Their Antioxidant Activities (Journal of Chemical Technology & Metallurgy, Vol. 52, Issue 6, p1135-1139. 5p) Methyl-3, 4-dihydroxybenzoate and 9-10-dihydrophenanthrene-2, 4, 7-triol two phenolic compounds from <i>Dioscorea alata</i> L. and their antioxidant activity (AIP Conference Proceedings, Vol.1888, issue 1, p 020050) 5,9,11-Trihydroxy-2,2-dimethyl-3-(2-methylbut-3-en-2-yl)pyrano[2,3-a]xanthen-12(2H)-one from the Stem Bark of <i>Calophyllum tetrapterum</i> Miq. (Molbank, 2017(1), M936) 4-Methoxy-3-(3-Methylbut-2-En-1-Yl)-7-[(3-Methylbut-2-En-1-yl)oxy]quinolin-2(1H)-One from <i>Melicope moluccana</i> T.G. Hartley (Molbank, 2017(2), M939) Aktivitas antioksidan senyawa kumarin ter-O-granilasi dari akar <i>Limonia acidissima</i> L. (J.Trop.Pharm.Chem, 2017, Vol 4 No 2) Mesucalophylloidin, a new isoprenylated 4-phenylcoumarin from <i>Mesua calophylloides</i> (Ridl.) Kosterm (Natural Product Research, 2017, 1-6) Airlanggin A-B, two new isoprenylated benzofuran-3-ones from the stem bark of <i>Calophyllum soulatri</i> (Natural Product Research, 2017) 5,9,11-Trihydroxy-10-(2"-hydroxy-3"-methylbut-3"-en-1-yl)-2,2-dimethyl-3-(2'-methylbut-3'-en-2'-yl)-2H,12H-pyrano[2,3-a]xanthen-12-one from <i>Calophyllum pseudomole</i> (Molbank 2017(4), M961)
	Topik Penelitian	:	Kimia Organik, Kimia Organik Bahan Alam
	Jumlah Mahasiswa S3 Saat Ini	:	1
	26	:	
	Nama	:	Dr. Alfinda Novi Kristanti, DEA.
	Kualifikasi	:	Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	:	Chalcones : Synthesis, structure diversity and pharmacological aspects (Journal of Chemical and Pharmaceutical Research, 6(5), 1076-1088) Antioxidant activity of flavonoid compounds from the leaves of <i>Macaranga gigantea</i> (Journal of Chemical and Pharmaceutical Research, 6(6), 688-692) Chalcones: Synthesis, structure diversity and pharmacological aspects (Chalcones: Synthesis, structure diversity and pharmacological aspects) Antioxidant activity of flavonoid compounds from the leaves of <i>Macaranga gigantea</i> (Journal of Chemical and Pharmaceutical Research, 6(6):688-692) Production of Adventitious Root and Saponin of <i>Talinum paniculatum</i> (Jack) Gaertn in Temporary Immersion Bioreactor (Scholars Academic Journal of Biosciences) Phenolic compounds from the stem bark of <i>Sacopetalum horsfieldii</i> Benn (Der Pharmacia Lettre, 7 (3):149-152) Effect of sucrose and potassium nitrate on biomass and saponin content of <i>Talinum</i> (Asian Pacific Journal of Tropical Biomedicine, 5 (12), 1027-1032) Optimization of Culture Condition of <i>Talinum paniculatum</i> Gaertn. Adventitious Roots in Balloon Type Bubble Bioreactor Using Aeration Rate and Initial Inoculum Density (Asian Journal of Biological Sciences)

		Phenolic compounds from the stem bark of <i>Saccopetalum horsfieldii</i> Benn (Der Pharmacia Lettre, 7 (3):149-152)
		Optimization of Culture Conditions of <i>Talinum paniculatum</i> Gaertn. Adventitious Roots in Balloon Type Bubble Bioreactor Using Aeration Rate and Initial Inoculum Density (Asian Journal of Biological Sciences)
		Antimicrobial Activities and In Silico Analysis of Methoxy Amino Chalcone Derivatives (Procedia Chemistry Elsevier)
		Organic template free hierarchical ZSM-5 prepared by desilication (Journal of Chemical Technology and Metallurgy, 52(6), 1145-1149)
		Effect of sucrose and immersion frequency on production of adventitious roots and secondary metabolites of <i>Gynura procumbens</i> (Lour.) Merr in Temporary Immersion Bioreactors (Asian Journal of Plant Sciences)
		4-((4-(2E)-3-(2,5-Dimethoxyphenyl)prop-2-en-1-yl)phenyl)amino)-4-oxobutanoic acid (Molbank)
		Phenolic compounds from <i>Aquilaria microcarpa</i> stem bark (Journal of Chemical Technology and Metallurgy)
		Ethyl (E)-4-(2,4-dimethoxyphenyl)-6-(2,4-dimethoxystyryl)-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate (Molbank)
		Ethyl 4-[5-(Methoxymethyl)furan-2-yl]-6-methyl-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate (Molbank)
		Biomass and flavonoid production of <i>Gynura procumbens</i> adventitious roots induced by sucrose, Phenylalanine and Tyrosine (Bioscience Research, Volume 14, Issue 4, October-December 2017, Pages 934-941)
		Biomass production of <i>Gynura procumbens</i> adventitious roots in different type of liquid culture (Biosaintifika (Journal of Biology & Biology Education))
		Effect of sucrose, erythrose 4-phosphate and phenylalanine on biomass and flavonoid content of callus culture from leaves of <i>Gynura procumbens</i> Merr. (AIP Conference Proceeding of the 4th International Conference on Research, Implementation and Education of Mathematics and Science.)
		Biomass and Flavonoid Production of <i>Gynura procumbens</i> (Lour.) Merr. Axillary Shoot Cultured Induced by Sucrose and Erythrose 4-Phosphate. (Scholars Academic Journal of Biosciences)
		Influence of Explant Position on Growth of <i>Talinum paniculatum</i> Gaertn. Adventitious Root in Solid Medium and Enhanced Production Biomass in Balloon Type Bubble Bioreactor (IOP Conf. Series: Earth and Environmental Science)
		Effect of sucrose and immersion frequency on production of adventitious roots and secondary metabolites of <i>Gynura procumbens</i> (Lour.) Merr in Temporary Immersion Bioreactors (Asian Journal of Plant Sciences)
	Topik Penelitian	: Kimia Organik, Kimia Organik Bahan Alam, Sintesis Organik
	Jumlah Mahasiswa S3 Saat Ini	: 4
27	Nama	: Dr. Miratul Khasanah, M.Si.
	Kualifikasi	: Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	: Tapered plastic optical fiber coated with ZnO nanostructures for the measurement of uric acid concentrations and changes in relative humidity (Sensors and Actuators A)
		Highly selective glassy carbon electrode based on modified imprinting TS-1 zeolite (Journal of Chemical and Pharmaceutical Research ISSN : 0975-7384)
		Intensity based optical fiber sensors for calcium detection (Optoelectronics and Advanced Materials, Rapid Communications, Volume 9, Issue 9-10, September 2015, Pages 1185-1189)
		Imprinted Zeolite Modified Carbon Paste Electrode as a Potentiometric Sensor for Uric Acid (American Institute of Physics Conference Proceedings)
		Pengembangan Elektroda Pasta Karbon termodifikasi Molecularly Imprinted Polymer sebagai Sensor Potensiometri untuk Asam Urat (Jurnal Kimia Riset)
		Incorporation of Graphene Oxide on Polyethersulfone Mixed Matrix Membrane to Enhance Hemodialysis Membrane Performance (RSC Advances)
		The influence of ascorbic acid, creatine, and creatinine on the uric acid analysis by potentiometry using a carbon paste modified imprinting zeolite electrode (Journal of Chemical Technology and Metallurgy)
		Fabrication of Silica-Titania as Consolidant and Self Cleaning for The Conservation of Andesite Stone (International Journal of Conservation Science)
		The influence of ascorbic acid, creatine, and creatinine on the uric acid analysis by potentiometry using a carbon paste modified imprinting zeolite electrode (Journal of Chemical Technology and Metallurgy)
	Topik Penelitian	: Kimia
	Jumlah Mahasiswa S3 Saat Ini	: 1
28	Nama	: Dr. Sri Puji Astuti Wahyuningsih, M.Si.
	Kualifikasi	: Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	: Immunomodulatory effect of PSK on T helper 2 cytokine production as an exposure result to <i>Mycobacterium tuberculosis</i> (International Biology Conferences, Institute Teknologi Sepuluh Nopember)
		Effect of polysaccharide krestin of <i>Coriolus versicolor</i> for interferon γ production in mice exposed <i>Mycobacterium tuberculosis</i> (2nd International Biology Conferences, Institute Teknologi Sepuluh Nopember)
		Analisis kualitas dan fertilitas spermatozoa mencit (<i>Mus musculus</i>) setelah pemberian ekstrak kulit manggis (Prosiding dalam Seminar Biodiversitas V)
		Pengaruh imunomodulator polisakarida krestin dari ekstrak <i>Coriolus versicolor</i> pada IL-4 akibat paparan <i>Mycobacterium tuberculosis</i> (Prosiding dalam Seminar Biodiversitas V)
		Toksitas subkronis polisakarida krestin dari ekstrak <i>Coriolus versicolor</i> pada histologi hati <i>Mus musculus</i> I (Prosiding dalam Seminar Biodiversitas V)
		Polysaccharide Krestin Activity of <i>Coriolus versicolor</i> Extract on Interleukin-12 Level of <i>Mus musculus</i> Exposed to <i>Mycobacterium tuberculosis</i> (Proceeding in International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS))
		Effect of polysaccharide krestin from <i>Coriolus versicolor</i> on antibody titer mice exposure due <i>Pseudomonas aeruginosa</i> (Proceeding in International Seminar in Green Technology, UIN Malang)
		The Effect of Ilogenic Freeze Dried Platelet-Rich Plasma in Immunological Responses of Rabbits (Scholars Academic Journal of Biosciences (SAJB), Sch. Acad. J. Biosci.)
		Effect of polysaccharide krestin from <i>Coriolus versicolor</i> on phagocytic activity and capacity of <i>Mus musculus</i> exposed <i>Pseudomonas aeruginosa</i> (Biosaintifika : Journal of Biology & Biology Education)
		Efek pemberian polisakarida krestin dari ekstrak <i>Coriolus versicolor</i> terhadap kadar SGOT dan SGPT pada <i>Mus musculus</i> (Prosiding Seminar Nasional from Basic Science to Comprehensive Education ISBN: 978-602-72245-1-3)
		Toksitas kronis polisakarida krestin dari ekstrak <i>Coriolus versicolor</i> pada histologi ginjal dan kadar kreatinin serum <i>Mus musculus</i> L (Seminar Nasional UIN Alaudin Makassar)
		Pengaruh polisakarida krestin dari ekstrak jamur <i>Coriolus versicolor</i> terhadap profil protein terestikuler dan kadar testosteron <i>Mus musculus</i> (El-Hayah)
		Bioactivity of polysaccharides krestin from <i>Coriolus versicolor</i> extract to the estrous cycle and estradiol levels on <i>Mus musculus</i> (Journal of Biological Researches)
		Influence of Polysaccharide Krestin from <i>Coriolus versicolor</i> Extract on Nitrite and Malondialdehyde Concentrations of <i>Mus musculus</i> Serum Exposed by <i>Mycobacterium tuberculosis</i> (Biosaintifika: Journal of Biology & Biology Education)
		Polysaccharide Krestin Activity from <i>Coriolus versicolor</i> on Antibody Titer of Mice Exposed <i>Staphylococcus aureus</i> (Proceeding of the 6th Annual Basic Science International Conference)
		Identification of RNA Viruses Causing Sugarcane (<i>Saccharum officinarum</i> L.) Mosaic Disease by Simultaneously Multiplex-RT-PCR (Bioscience Research)
		Spermatogenic cell count after the treatment of polysaccharide-K (Bioscience Research)
		Polysaccharides from Okra Improves Spleen Weight and B-Lymphocytes Proliferation in Mice Infected by <i>Staphylococcus aureus</i> (Biosaintifika : Journal of Biology & Biology Education)
		Structure - activity relationship of mutant Kat G from INH resistant <i>Mycobacterium tuberculosis</i> (Journal of Pure and Applied Microbiology)
		Antiviral activity of the dichloromethane extracts from <i>Artocarpus heterophyllus</i> leaves against hepatitis C virus (Asian Pacific Journal of Tropical Biomedicine)
	Topik Penelitian	: Imunologi Reproduksi; Imunologi; Biologi Molekuler
	Jumlah Mahasiswa S3 Saat Ini	-

29	Nama	:	Dr. Alfiah Hayati, M.Kes.
	Kualifikasi	:	Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	:	Analisis kualitas dan fertilitas spermatozoa mencit (<i>Mus musculus</i>) setelah pemberian ekstrak kulit manggis (Prosiding dalam Seminar Biodiversitas V) Reproductive peak, gonadal cycle and gametogenic cells determination of sea cucumber <i>Paracaudina australis</i> from Madura Strait, East Java, Indonesia (International Journal of Academic Research 7(3) 2015 DOI:dx.doi.org/10.7813/2075-4124.2015/7-3/A.11) Spermatogenic structure and fertility of <i>Mus musculus</i> after exposure of mangosteen (<i>Garcinia mangostana</i> L) pericarp extract (AIP Conference Proceedings, Volume 1718, 15 March 2016, Article number 060003) Provision of Arak Bali Reduces Spermatozoa Quality of White Rats (<i>Rattus norvegicus</i>) (Folia Medica Indonesiana 52(4):235-240) Antimicrobial Activities and In Silico Analysis of Methoxy Amino Chalcone Derivatives (Procedia Chemistry Elsevier) Pengaruh polisakarida kresin dari ekstrak jamur <i>Coriolus versicolor</i> terhadap profil protein testikuler dan kadar testosteron <i>Mus musculus</i> (El-Hayah) Effects of cadmium on metallothionein and histology in gills of tilapia (<i>Oreochromis niloticus</i>) at different salinities (Toxicological and Environmental Chemistry) Sperm Quality And Testicular Structure Of <i>Mus Musculus</i> After <i>Garcinia Mangostana</i> L. Pericarp extract administration In Different Polarity (Journal Of Advanced Zoology) Histopathological Assessment Of The Effect Cadmium On Testis And Kidney Of <i>Oreochromis Niloticus</i> In Different Saline (AIP Conference Proceedings.)
	Topik Penelitian	:	Biologi Reproduksi; Teknologi Reproduksi; Imunologi Reproduksi
	Jumlah Mahasiswa S3 Saat Ini	:	-
30	Nama	:	Dr. Muji Harsini, M.Si.
	Kualifikasi	:	Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	:	Melamine Selective Electrode Based on Nanoporous carbon/molecularly imprinted polymer (Journal of Chemical and Pharmaceutical Research ISSN : 0975-7384) Selective melamine sensor based on nanoporous carbon paste/molecularly imprinted polymer (Journal of Chemical and Pharmaceutical Research, ISSN : 0975-7384 CODEN(USA) : JCPRC5) Highly selective glassy carbon electrode based on modified imprinting TS-1 zeolite (Journal of Chemical and Pharmaceutical Research ISSN : 0975-7384) Electrochemical Degradation of Malachite Green using Nanoporous Carbon Paste Electrode (5th International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS 2015)) The influence of ascorbic acid, creatine, and creatinine on the uric acid analysis by potentiometry using a carbon paste modified imprinting zeolite electrode (Journal of Chemical Technology and Metallurgy) Electrochemical Degradation of Naphthol AS-BO Batik Dyes (Journal of Chemical Technology and Metallurgy) The influence of ascorbic acid, creatine, and creatinine on the uric acid analysis by potentiometry using a carbon paste modified imprinting zeolite electrode (Journal of Chemical Technology and Metallurgy)
	Topik Penelitian	:	Kimia Analitik; Kimia Instrumentasi; Sensor Elektrometri
	Jumlah Mahasiswa S3 Saat Ini	:	-
31	Nama	:	Dr. Sri Sumarsih, M.Si.
	Kualifikasi	:	Doktor, Lektor Kepala
	Publikasi 5 Tahun Terakhir	:	Epi-croamine and croamine from <i>Stemona tuberosa</i> antimalarial or inhibiting dihydrofolate reductase (DHFR) activity and their molecular modeling (Journal of Chemical and Pharmaceutical Research (Q3)) Epi-croamine and croamine from <i>Stemona tuberosa</i> antimalarial drug for inhibiting dihydrofolate reductase (DHFR) activity and their molecular modeling (Journal of Chemical and Pharmaceutical Research) In vitro study of parasitemia determination of alkaloid from <i>S. tuberosa</i> Lour by flow cytometry in comparison with optical microscopy (Der Pharma Chemica) The Potency of <i>Micrococcus</i> sp. as L II 61 Bacteria as oil Sludge Cleaning Agent (Journal of Biological Researches) The potency of <i>Micrococcus</i> sp. LII bacteria as oil sludge cleaning agent (Journal of Biological Research) Biodegradation of naphthalene and phenanthrene by <i>Bacillus subtilis</i> 3 KP (AIP Conference Proceedings) Co-Utilization of Molasse and Glycerol as Carbon Sources on the Production of Biosurfactant by Isolate Bacteria LII61 (Journal of Applied Environmental and Biological Sciences) Effect of aliphatic and aromatic hydrocarbon on the oxygenase production from hydrocarbonoclastic bacteria (Journal of Chemical Technology and Metallurgy) Xylanase Enzyme From A Local Strain of <i>Pseudomonas stutzeri</i> (Journal of Chemical Technology and Metallurgy) Effect Of Aliphatic And Aromatic Hydrocarbons On The Oxygenase Production From Hydrocarbonoclastic Bacteria (Journal of Chemical Technology and Metallurgy) Eksplorasi Gen Enzim Lipase Pada Tanah Pengolahan Limbah Kelapa Sawit Dengan Pendekatan Metagenomik (Jurnal Kimia Riset) Xylanase Enzyme From A Local Strain of <i>Pseudomonas stutzeri</i> (Journal of Chemical Technology and Metallurgy) Co-Utilisation of Molasse and Glycerol as Carbon Sources on the Production of Biosurfactant by Isolate Bacteria LII61 (Journal of Applied Environmental and Biological Sciences)
	Topik Penelitian	:	Biokimia
	Jumlah Mahasiswa S3 Saat Ini	:	-