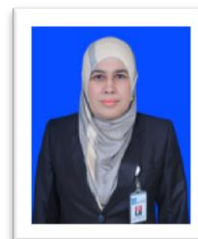


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EDUCATION AND DEGREES AWARDED

Date	Degree Title	Educational institution	Major Subject
November 2012 – present	Professor	Brawijaya University, Malang, Indonesia	Molecular Genetics
April 2002 - February 2006	PhD	NIBB, School of Life Sciences, The Graduate University for Advanced Studies, Okazaki, JAPAN	Molecular Biomechanism
September 1992 – February 1995	M.Kes.	Postgraduate program of Medical Science, Airlangga University, Surabaya. INDONESIA	Medical Genetics
September 1982 – February 1988	Dra.	Undergraduate Program, Faculty of Biology, Gadjah Mada University, Yogyakarta, INDONESIA	Biochemistry

OTHER EDUCATION AND TRAINING, QUALIFICATIONS AND SKILLS

Date	Certified by	Institution	Major Subject
2014	Knowledge Institution	Brawijaya University, Malang, Indonesia	Leadership Training
2012	National Committee on Accreditation (KAN)	BSN/KAN, Jakarta, Indonesia	Assessor Training for SNI ISO/IEC 17025:2008 for Testing and Calibration Laboratory
2012	RChem-LIPI Kimia	RChem-LIPI Kimia, Bandung	Needs Analysis Training
2012	Center of BioRad Co.	BioRad, Singapore	CFX 96 Training: Experimental Design to Data Analysis
2012	University of Indonesia	University of Indonesia, Jakarta	Advance Course on Evaluation of Safety and Efficacy of Traditional Medicines, Food Supplements & Functional Foods : Safety & Efficacy related to Claims
2009	Kassel University, GERMANY	Witzenhausen Kassel University, GERMANY	Staff University Development: Leadership on Laboratory Management and Research Management
2009	LPPT - UGM	LPPT - UGM, Yogyakarta	Training ISO 17025:2005, GLP and GMP management

CURRENT POSITION AND WORK EXPERIENCE

Date	Position	Institution	Remark
2013 – present	University Senate for Academic commission	Brawijaya University	
2013 – present	Faculty Senate	Faculty of Mathematics and Natural Science, Brawijaya University	
2012 – present	Director	BioSains Institute, Brawijaya University	
2012 – present	Head of research group SMONAGENES UB	Faculty of Mathematics and Natural Science, Brawijaya University	Research interest in Smart Molecule of Natural Genetics Resources
2012 – present	Testing Laboratory Assessor	National (KAN)	SNI ISO/IEC 17025:2008 for Testing and Calibration Laboratory
2011 – 2014	IGN-TTRC Coordinator	Brawijaya University – Kassel University	Indonesia German Networking for Teaching, Training and Research Collaboration
2010	Visiting researcher	Kassel University, Germany	Molecular Genetics
2007 – 2012	Director	Central Laboratory of Life Sciences UB	Certified by SNI ISO/IEC 17025:2008 for Testing Laboratory
2007 – present	Vice Head of Ethical Research Committee UB	Brawijaya University	
2002 - 2006	Assistant Researcher	NIBB, Oakzaki Intitute, Japan	Transgenic mice of sexual differentiation
1989 - present	Lecturer	Dept. Biology, Faculty of Mathematics and Natural Science, Brawijaya University	Main lecture of Genetics, Molecular Biology, TABM, Bioinformatics, Human genetics, Molecular fingerprint, and genetics immunology

PUBLICATION

Year	
2015 (12)	<p>Fatchiyah F, Setiawan B, Suharjono S, Noor Z. The anti-osteoporosis effects of CSN1S2 protein of goat milk and yoghurt on a complete Freund's adjuvant-induced rheumatoid arthritis model in rats. <i>Biomarkers and Genomic Medicine</i> (2015b) xx, 1-8. http://dx.doi.org/10.1016/j.bgm.2015.10.001</p> <p>Vita Agustina, Bambang Setiawan, Fatchiyah F. 2015. Acute toxicity of caprine alpha S2-casein protein on the microstructures and mineral profiles of rat ileum. <i>Asian Pacific Journal of Tropical Disease</i>, 08/2015; 5(9):721-725. DOI:10.1016/S2222-1808(15)60920-3</p> <p>B Tong, G Q Gao, Y Muramatsu, T Ohta, H Kose, G P Li, F Fatchiyah, T Yamada. Association of the expression levels in the longissimus muscle and a SNP in the</p>

CDC10 gene with marbling in Japanese Black beef cattle. *Meat Science* 108:28-31 May 2015

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Sri Rahayu Lestari, Muhammad Sasmito Djati, Achmad Rudijanto, Fatchiyah Fatchiyah. PPAR γ expression by rambutan peel extract in obesity rat model-induced high-calorie diet. [Asian Pac J Trop Biomed](#) 2015; 5(10): 812-817

Rike Oktarianti, Kartika Senjarini, Toshiya Hayano, Fatchiyah Fatchiyah, Aulanni'am. Proteomic analysis of immunogenic proteins from salivary glands of *Aedes aegypti*. *Journal of Infection and Public Health* (2015) xxx, xxx—xxx (InPress) [doi:10.1016/j.jiph.2015.04.022](#)

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Rivqi Rifa Bia, Regina Putri Virgiriina, Bambang Setiawan, Aris Soewondo, Fatchiyah Fatchiyah. Goat milk CSN1S2 is able to decrease the severity scoring, tumor necrosis factor-alpha, and advanced glycation end products receptor expression in complete Freund's adjuvant-induced rheumatoid arthritis model of rats. [Biomarker and Genomic Medicine](#). 2015, xx: 1-8 DOI: <http://dx.doi.org/10.1016/j.bgm.2015.02.001>

Fatchiyah Fatchiyah, Ferlany Hardiyanti, Nashi Widodo Selective Inhibition on RAGE-binding AGEs Required by Bioactive Peptide Alpha-S2 Casein Protein from Goat Ethawah Breed Milk: Study of Biological Modeling. [Acta Informatica Medica](#) 01/2015; 23(2): 90-96. DOI:10.5455/aim.2015.23.90-96

Choirunil Chotimah, Gatot Ciptadi, Bambang Setiawan, Fatchiyah Fatchiyah. CSN1S2 protein of goat milk inhibits the decrease of viability and increases the proliferation of MC3T3E1 pre-osteoblast cell in methyl glyoxal exposure. *Elsevier – Asian Pacific J Tropical Disease* 2015; 5(3): 219-223

Fatchiyah F, SJ Raharjo, FRP Dewi. Virtual Selectivity Peptides of CSN1S2 Protein of Local Goat Ethawah Breeds Milk Modulate Biological Mechanism Of Calmodulin. *Int J Pharm Bio Sci* 2015 April;; 6(2): (B) 707 - 718

Sri hardyastutie, A, D.W.Soeatmadji, Fatchiyah Fatah, and Aulanni'am. Relation of Elevated Serum Lipase to Indonesian Type 2 Diabetes Mellitus Progression. *Biomedical Research* 2015; 26 (2): 293-298

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(9) Sri Rahayu Lestari, Muhammad Sasmito Djati, Ahmad Rudijanto, Fatchiyah Fatchiyah. The physiological response of obese rat model with rambutan peel extract treatment. *Asian Pac J Trop Dis* 2014; 4(Suppl 2): S780-S785

Choirunil Chotimah, Masruroh Rahayu, Gatot Ciptadi, Fatchiyah Fatchiyah. 2014. Optimization of Neuron cells Maturation and Differentiation. *Jurnal Biotropika* Vol. 2 No. 4 : 191-197

Sentot Joko Raharjo, Chanif Mahdi, Nurdiana, Takheshi Kikuchi, Fatchiyah Fatchiyah. Binding energy calculation patchouli alcohol isomer-cyclooxygenase complexes as suggestion COX-1/ COX-2 inhibitor selective. *Hindawi - Advance in Bioinformatics*, 2014; <http://dx.doi.org/10.1155 /2014/850628>

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Natural and Applied Sciences, 8(8) July 2014, 101-107

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Anggun Indah Budiningrum, Achmad Rofi'i, Suharjono Suharjono, *Fatchiyah Fatchiyah*. LMP-1 and Nasopharyngeal Carcinoma (NPC). *Cukurova Med J*. 2014; 39(3): 480-487 (PDF: NPC LMP1 cutf_39_03_09)

Nur Kusmiyati, Nur Hidayat, *Fatchiyah Fatchiyah*. Partial Analysis 16S rRNA Gene in *Lactobacillus* spp. from Natural Fermented Milk [English] *Cukurova Med J*. 2014; 39(1): 99-104

Nila Kartika Sari, Eriko Prawestiningtyas, *Fatchiyah Fatchiyah*. Revealing the Genetic Variation and Allele Heterozygote Javanese and Arab Families in Malang East Java Indonesia. *Cukurova Med J*. 2014; 39(1): 39-47

Nikmatul Iza, Eriko Prawestiningtyas, *Fatchiyah Fatchiyah*. Forensic Profiling of Javanese and Madurese Families in Malang and Madura, East Java Indonesia. *Cukurova Med J*. 2014; 39(1): 26-38

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(16) Sri Rahayu Lestari, Muhammad Sasmito Djati, Ahmad Rudijanto, *Fatchiyah Fatchiyah*. Production and Potency of Local Rambutan at East Java as A Candidate Phytopharmaca. *J. of Agricultural Science Agrivita*, 2013, 35 (3): 270-276
- Sentot Joko Raharjo, Chanif Mahdi, Nurdiana, Wolfgang Nellen and *Fatchiyah F*. Patchouli Alcohol Isomers Pogostemon Herba Predicted Virtually. *Journal of Biological Researches*: 18 (98-101), 2013
- Nur Kusmiyati, Nur Hidayat, *Fatchiyah F*. Genetic Diversity of *Lactobacillus* Spp. of Natural Ethawah Goat Milk-Fermented was Determined by Using 16srDNA With DDGE Analysis. *Journal of Biological Researches*: 18 (91-94), 2013
- Fatchiyah Fatchiyah*, Nur Christian, DjokoWahono Soeatmadji. Reducing IRS-1 Activation Cause Mutation of Tyrosine Kinase Domain hINSR Gene on Type-2 Diabetes Mellitus Patients. *Bioinformation* 9(17): 853-857 (2013)
- Rista Nikmatu Rohmah, Soraya Widyasari, Aulanni'am, *Fatchiyah*. Cloning and Expression of hGAD65 Gene in *E. Coli* BL21. *Ind. J. Biotech*. 2013. vol 18 No 1: 52-57
- Anggun I. Budiningrum, Achmad Rofi'i, Suharjono Suharjono, *Fatchiyah Fatchiyah*. PARP-1 expression against Epstein-Barr virus LMP-1 and BZLF-1 in undifferentiated nasopharyngeal carcinoma. *J Exp. Integr. Med*. 2013; 3(4):299-304
- Firli Rahmah Primula Dewi and *Fatchiyah Fatchiyah*. Methylation Impact Analysis of Erythropoietin (EPO) Gene to Hypoxia Inducible Factor-1 α (HIF-1 α) activity. *Bioinformation* 9(15): 782-787 (2013); PMID: PMC3766311
- Rizky Nurdiansyah, Sri Rahayu Lestari, *Fatchiyah Fatchiyah*. Kajian Nutrigenomik: Penghambatan Igf-1 Pada Adipogenesis Jaringan Lemak Viseral Tikus Dengan Ekstrak Kulit Rambutan. *Biotropika* 2013, 1(6):
- Miggy Uri Karitas, *Fatchiyah Fatchiyah*. Profil Protein Yogurt Susu Kambing PE dengan Kultur Tunggal Pada 30-60 kDa dengan SDS-PAGE. *Biotropika* 2013, 1(2): 65-69
- Firli Rahmah Primula Dewi, Muhammad Darwin Prenggono, *Fatchiyah Fatchiyah*. 2013. Impact of Anemia on Erythropoietin and Erythropoietin Receptor Expression: Correlation with The Proliferation of Breast Cancer Cells. *J Exp. Integr. Med*. 2013; 3(3): 199-204 DOI 10.5455/jeim.010513.or.069
- Achmad Rofi'i, *Fatchiyah Fatchiyah*, Pudji Rahayu, Ruslan Muhyi, Sutiman Bambang

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Rista Nikmatu Rohmah*, Soraya Widyasari*, Aulanni'am, and *Fatchiyah*. 2013. DNA recombinant construction of hGAD65 gene into plasmid pET28a" *J. Biotechnology, June 2013*

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Fajri WNL., Rofi'i A., and *Fatchiyah*. 2013. BZLF1 Expression of EBV with PARP-1 Regulation on Nasopharyngeal Carcinoma Tissues. *JTROLIS, 2(4)*

2012 Firdausi L., Indra, MR., and *Fatchiyah*. 2012. Inhibition of Igf-1r Binding Igf-1 by
(2) Cathecin in Black Tea Solution. *JTROLIS,2(3): 132 - 135*

Prenggono MD., Kalim H, Soeatmadji DW,. Sudoyo AW and *Fatchiyah*. 2012. Hypoxia-inducible Factor 1 α Expression Induce Epo and VEGF Expression on Breast Cancer with Anemia. *Jurnal Kedokteran Brawijaya, 17 (2): 77 - 82*

2010 Herlina E, *Fatchiyah*, and Indra MR. Pengaruh Sari Seduh Teh Hitam (*Camelia sinensis*) Terhadap Penghambatan PPAR γ Sel Adiposa Jaringan Lemak Visera *Rattus novergicus* strain Winstar. *J. Farmasains UMM 1: 426 - 518.*

2009 *Fatchiyah*, Widyarti S., Mustofa I., Kusumowardhani IY., Fatimah R., Firdausi L., Ayu
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Fatchiyah, Mohamad Zubair and Ken-Ichiro Morohashi. "Revealing Spleen Ad4BP/SF1 Knockout Mouse by BAC-AdBP-tTAZ Transgene". *IFMBE Springer, Berlin, Vol 23: 1920-1923, DOI 10.1007/978-3-540-92841-6_477*

2007 *Fatchiyah*, Rahayu S, Indriati DW, Indriani DW. dan Yunita A.. "Mitokondria DNA Analysis of Banteng (*Bos Javanicus*) from National Park of Alas Purwo Forest are Early Mapping of Endogenous Genes Resources" *J. Natural 11(1): 1-6*

2006 *Fatchiyah*, M. Zubair, Y. Shima,, S. Oka, S. Ishihara, Y. Fukui-Katoh and Ken-ichirou Morohashi. Differential Gene Dosage effects of Ad4BP/SF-1 on target tissue development. *Elsevier: BBRC 341 (2006) 1036–1045*

2005 Soeatmadji WS., Aulaniam, *Fatchiyah* and Sumitro SB.. Detection of GAD65 autoantibodies of type-1 diabetes using anti GAD65 autoantibodies produced from bovine brain tissue. *Medical Journal of Indonesia 2005, 14(4): 195-266*

1998 *Fatchiyah*, Soeatmadji DW, Hakim L and Rahayu M. Analysis of HLA DQB1 gene on
(3) Indonesian Population by PCR technique. *J of Natural 1998 2(1): 1-5*

Fatchiyah, Soeatmadji DW. and Hakim L. Dot blot analysis of codon 57 HLA DQB1 gene with 5703 (GAC) and 5704 (GAT) oligoprobes. *J of Natural 1998 2(1): 6-14.*

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Book

Year	Title of Book and Publisher
2015	Fatchiyah . 2015. Prinsip Dasar Bioinformatika . UB Press. 2015. ISBN 978-602-203-735-4.
2014	E. Laras A., Fatchiyah , M.Rifa'i, Sri Widyarti. 2014. Genetics . Departement of Biology, Faculty of Science, Brawijaya
2013	Fatchiyah . Nutrigenomik dan Proteomik. ISBN: 979-508-292-2. Lembaga Penerbitan Fakultas Pertanian, UB : Malang.
2012	Fatchiyah . Pengantar Bioinformatika Kedokteran. ISBN: 979-508-268-X Lembaga Penerbitan Fakultas Pertanian, UB : Malang
2011	Fatchiyah , Estri L. Arumingtyas, Sri widyarti, Sri rahayu. Biologi Molekuler: Prinsip Dasar Analisis, ISBN:978-979-009-477.5 (BEST SELLER BOOK 2013-2014), Erlangga: Jakarta
2009	Fatchiyah . Nutrigenomik Dalam Bahasa DNA.UB. Malang
2008	Fatchiyah . Buku Praktis: Mengenal <i>Polymerase Chain Reaction</i> Dasar teknik Amplifikasi DNA & Aplikasinya. UB, Malang
2008	Fatchiyah , Estri L. Arumingtyas, Sri widyarti, Sri Rahayu. Dasar-dasar Analisis Biologi Molekuler. Penerbit FP UB

SOCIETY MEMBERSHIP

Date	Name of Organization	Position	Remark
2014-present	Nutrigenomic and Nutrigenetic Society	Members	Asia Pasific
2009-	INDOSTAFF	Member	Indonesia
2000-	Molecular Diabetology Society	Member	Malang
1995-	Indonesian Biotechnology Consorsium	Member	Indonesia
1988-	Indonesian Biology Society	Member	Indonesia

PATENTS: 5 research patents

Malang, February 8, 2016



Prof. Fatchiyah, M.Kes., PhD