

### A. Identitas diri

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12	Matakuliah yang diampu	1. Immunologi
		2. Genetika
		3. Mikrobiologi Kedokteran
		4. Teknologi Vaksin

### B. Riwayat pendidikan

Strata	S	S-2	S-3
Nama PT	UB-FMIPA	Univ. Nagoya, Japan Fakultas Kedokteran	Univ. Nagoya, Japan Fakultas Kedokteran
Bidang Ilmu	Biologi Sel	Immunology	Immunology

## PUBLIKASI DUA TAHUN TERAKHIR

### A. *Jurnal Internasional*

1. Rifa'i M, Yuyun I C, Qonitatul K, Agung PWM, Tsuboi H. 2016. In Vitro Study of NF- $\kappa$ B and Pro-Inflammatory Cytokines Declining Levels by Polyherbal Emsa Eritin. *Int. J of Pharmaceutical and Clinical Research* 8(5):316-312: <http://impactfactor.org/PDF/IJPCR/8/IJPCR,Vol8,Issue5,Article6.pdf>.
2. Rifa'i M, Widyarti S, Widodo N. 2014. Conserved Peptide with Therapeutic Potential to Overcome Nasopharyngeal Carcinoma. *The International Medical Journal of Malaysia* 13(1):35-40: <http://journals.iium.edu.my/imjm/index.php/eimj/article/viewFile/180/181>
3. Rizky N, Rifa'i M, Widodo. 2016. A comparative analysis of serum albumin from different species to determine a natural source of albumin that might be useful for human therapy. *Journal of Taibah University Medical Science ELSEVIER*: 11 (3): 234-249: <http://www.sciencedirect.com/science/article/pii/S1658361216300105>
4. Dewi S, Rifa'i M, and Widodo. 2015. Acid pH Role on Elevation of TLR2 and Decreasing IFN- $\gamma$  and TNF- $\alpha$  in Dental Caries at Preschool Children. *International Journal of Clinical Dentistry* 7(3). [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=53231](https://www.novapublishers.com/catalog/product_info.php?products_id=53231)
5. Dinia RD, Rifa'i M. 2015. Gynura procumbens Ethanolic Extract Promotes Lymphocyte Activation and Regulatory T Cell Generation In Vitro. *J. Trop. Life Science* 5(1):14-19: <http://www.jtrollis.ub.ac.id/index.php/jtrollis/article/view/281/226>
6. Dinia RD, Sasmito D, Rifa'i M. Decreasing the Expression Level of Macrophage Cell, Pro-Inflammatory Cytokines and NF- $\kappa$ B by Using VipAlbumin in vitro. *Asian Journal of Cell Biology*, ISSN 1814-0068 / DOI: 10.3923/ajcb.2015
7. Dinia RD, Sasmito M D, Mansur I, Rifa'i M. The Potential of VipAlbumin to Chronic Inflammation in Type 2 Diabetes Mellitus Balb/C Mice Model. *American Journal of Immunology*. 11(2):56-67. DOI:10.3844/ajisp.2015.56.67. <http://thescipub.com/abstract/10.3844/ajisp.2015.56.67>.
8. Dinia RD, Widodo, Mansur I, Rifa'i M. 2016. EMSA Eritin polyherbal can suppress NF- $\kappa$ B activation and decrease IL-17 cytokine in an irradiated mice model. *Food and Agricultural Immunology* 27 (3): 422-433: <http://www.tandfonline.com/doi/abs/10.1080/09540105.2015.1126233>
9. Djati MS, Dinia RD, Rifa'i M. 2016. Synergetic modulation of T lymphocyte and TER-119<sup>+</sup> Cell using combination of *Elephantopus scaber* and *Polyscias obtuse* Extract in pregnant mice after Salmonella typhi infection. *Int J Pharm Bio Sci* Jan; 7(1): (B) 319 - 325: [https://mail.ub.ac.id/?\\_task=mail&\\_action=get&\\_mbox=INBOX&\\_uid=2403&\\_part=2&\\_frame=1](https://mail.ub.ac.id/?_task=mail&_action=get&_mbox=INBOX&_uid=2403&_part=2&_frame=1)
10. Dinia RD, MS Djati, Rifa'i M. 2016. The role of VipAlbumin® as an immunostimulatory agent for controlling homeostasis and proliferation of lymphoid cells. *Central European Journal of Immunology* 41 (1): 31. <http://www.termedia.pl/The-role-of-VipAlbumin-as-an-immunostimulatory-agent-for-controlling-homeostasis-and-proliferatio>.
11. Makiyah NAA, Djati MS, Rifa'i M, Widodo. 2015. Lymphocyte proliferation on hypersensitivity of balb/c mice After given ethanol extract tuber of dioscorea alata l. *KnE Life Sciences* 2 (1), 107-111. <http://knepublishing.com/index.php/Kne-Life/article/view/125/112>.
12. Mansur I, Yuyun I C, Rifa'i M. 2016. Polyherbal EMSA ERITIN Promotes Erythroid Lineages and Lymphocyte Migration in Irradiated Mice. *Open Life Sciences* 11 (1):21-28 <http://www.degruyter.com/view/j/biol.2016.11.issue-1/biol-2016-0003/biol-2016-0003.xml>.
13. Nurul Makiyah S N, Zulkhah N, Widodo, Rifa'i M, Sasmito D. 2014. Ethanol extracts of tubers *dioscorea alata l*. As antiallergic Agent on mice balb/c induced with ovalbumin *Int J of Pharma and BioSciences*:5(3):214220. [www.ijpbs.net/cms/php/upload/3461\\_pdf.pdf](http://www.ijpbs.net/cms/php/upload/3461_pdf.pdf)
14. Pradana ARA, Ibrahim M, Djati MS, Rifa'i M. 2015. Modulation of Granulocyte Cells Development by VipAlbumin® Administration in BALB/C Mice with Diabetes Mellitus. *Journal of Tropical Life Science* 5 (3): 133-140. [http://www.jtrollis.ub.ac.id/index.php/jtrollis/article/viewFile/304/pdf\\_19](http://www.jtrollis.ub.ac.id/index.php/jtrollis/article/viewFile/304/pdf_19)

15. Qonitatul K, Mansur I, Rifa'i M. 2015. Significance of EMSA Eritin Administration on Erythropoiesis and Complement Regulator in Irradiated Mice. *Turkish J Immunol* 3(3):111-116. [http://www.turkishimmunology.org/pdf/3\\_3\\_111\\_116.pdf](http://www.turkishimmunology.org/pdf/3_3_111_116.pdf).
16. Widodo, Djati MS, Rifa'i M. 2016. Role of MicroRNAs in carcinogenesis that potential for biomarker of endometrial cancer. *Annals of medicine and Surgery*. ELSEVIER. 7:9-13. <http://www.sciencedirect.com/science/article/pii/S2049080116001205>.
17. Wira E P, Aris S, Rifa'i M. 2016. Effect of Dexamethasone Administration toward Hematopoietic Stem Cells and Blood Progenitor Cells Expression on BALB/c Mice. *J. Pure. App. Chem. Res.* 4(3):100-108. <http://jpacr.ub.ac.id/index.php/jpacr/article/view/221/pdf>.
18. Widodo, Djati MS, Rifa'i M. 2016. Role of MicroRNAs in carcinogenesis that potential for biomarker of endometrial cancer. *Annals of Medicine and Surgery* 7: 9-13. <http://www.sciencedirect.com/science/article/pii/S2049080116001205>.
19. Yuyun I C, Ibrahim M, Rifa'i M. 2015. Polyherbal EMSA ERITIN Blocks Nuclear Factor-Kappa B (NF-κB) and Proinflammatory Cytokines in Irradiated Mice. *American Journal of Immunology*: DOI:10.3844/ajisp.2015.17.25:11(1):17-25.<http://thescipub.com/PDF/ajisp.2015.17.25.pdf>.
20. Zauhani K, Puspita E, Kaliawan, Rifai M, Edi W. 2016. Identification And Quantification Of Propolis's Active Compound In Various Solvents. *J. Appl. Environ. Biol.Sci* 6(9):94-99

#### **B. Jurnal Nasional**

1. Rohie A, Rifa'i M. 2015. The Potential of EMSA Eritin to Modulate T Cells (CD4<sup>+</sup> and CD8<sup>+</sup>) in Balb/C Mice Model of Diabetes Mellitus. *The Journal of Experimental Life Science* 5 (1), 44-49: <http://www.jels.ub.ac.id/index.php/jels/article/view/159/186>
2. Pradana ARA, Djati MS, Rifa'i M. 2015. Detection of VipAlbumin® Effect in CD34 and SDF-1 Mobilization, in Streptozotocin-induced Diabetes Mellitus Mice. *The Journal of Experimental Life Science* 5 (1), 10-18: <http://www.jels.ub.ac.id/index.php/jels/article/viewFile/157/180>
3. Sihombing MAL, Sumitro SB, Rifa'i M. 2015. EMSA Eritin Blocks Nuclear Factor-Kappa B in Diabetes Mellitus Mice Model. *The Journal of Experimental Life Science* 5 (1), 24-30: <http://www.jels.ub.ac.id/index.php/jels/article/view/161/182>
4. Silvana GT, Rifa'i M. 2015. Activity Test of VipAlbumin® against Blood Glucose Levels and Lymphocytes Profiles in Balbc mice as Type 2 Diabetes Mellitus model. *Biotropika* 3 (1), 17-20: <http://biotropika.ub.ac.id/index.php/biotropika/article/viewFile/319/213>
5. Ardiana O, Rifa'i M. 2015. The Effect of Dexamethasone Treatment to Humoral Immunity in BALB/C Mice Models. *Biotropika* 3 (3):112-116: <http://biotropika.ub.ac.id/index.php/biotropika/article/viewFile/368/233>
6. Aden AZ, Rifa'i M. 2014. Bioactivity of Ethanolic Extract of Propolis (EEP) in Balb/C Mice's CD4<sup>+</sup>CD25<sup>+</sup> and B220<sup>+</sup> Lymphocyte Cells. *The Journal of Experimental Life Science* 4 (2), 39-44: <http://www.jels.ub.ac.id/index.php/jels/article/viewFile/148/153>
7. Donuata PB, Juswono UP, Rifa'i, M. 2014. Pengaruh Paparan Radiasi Gamma Dan Pemberian Ekstrak Bagian Putih Buah Semangka (*Citrullus vulgaris* Schrad) Terhadap Kesehatan Ginjal Pada Hewan Coba Mencit. *Natural B* 2 (4), 387-395: <http://natural-b.ub.ac.id/index.php/natural-b/article/view/267>.
8. Maghfiroh K, Rifa'i M, Widyarti S. 2014. Adaptive Immune Response Stimulation on Nephrolithiasis Mice Model after Treatment of Tempuyung (*Sonchus arvensis* L.) Leaf Extract. *The Journal of Experimental Life Science* 4 (2), 34-38: <http://www.jels.ub.ac.id/index.php/jels/article/viewFile/147/151>
9. Christina YI, Rifa'i M. 2014. Bioactivity of Purple Yam Tuber (*Dioscorea alata* L.) on the Level of CD8<sup>+</sup> and CD8<sup>+</sup>CD462L<sup>+</sup> T cells and Histology of Liver in BALB/c Mice Model of Digestive Allergy. *The Journal of Experimental Life Science* 4 (2), 27-33: <http://www.jels.ub.ac.id/index.php/jels/article/viewFile/146/149>

10. Ihwan, Rifa'i M, Fitri LE. 2014. Antiplasmodial Test of *Tinospora crispa* Stem Extract against *Plasmodium falciparum* 3D7 Strain In Vitro *Jurnal Kedokteran Brawijaya* 28(2):91-95: <http://jkb.uib.ac.id/index.php/jkb/article/view/556>
11. Wira E P, Rifa'i M, Aris S. 2015. Expression of Erythroid Progenitor Cells and Erythrocytes on Dexamethasone Induced-Mice. *J. Biotropika* 3(1):42-45.
12. Maic A L S, Sutiman B S, Rifa'i M. 2015. EMSA Eritin Blocks Nuclear Factor-Kappa B in Diabetes Mellitus Mice Model. *Jels* 5(1):24-30, <http://www.jels.uib.ac.id/index.php/jels/issue/view/21>.
13. Novembya V, Rifa'i M. 2015. Efektivitas Test of Bitter Melon (*Momordica charantia*) and Bitter (*Andrographis paniculata*) Extract to T Lymphocytes Profile in Balb/C Mice. *J. Biotropika* 3(1):12-16

### **C. *Proceeding***

1. Rifa'i M, Qonitatul K. 2015. Activity of EMSA-ERITIN Therapy on Erythropoiesis of BALB/c Mice Post Total Body Irradiation (TBI). *Annual Basic Science, Malang, Indonesia*. <http://www.basic.uib.ac.id/files/publish/h032.pdf>
2. Rifa'i M, Aris S, Sasmito M D. 2015. Toll-like receptor 3-4 expression decrease in balb/c diabetic mouse models. *The 5<sup>th</sup> Annual international conference syiah kuala university*: 139-141
3. Rifa'i M. 2016. Pivotal Roles of polyherbal Emsa Eritin in the maintenance of Immune homeostasis post irradiation. *The 6<sup>th</sup> Basic Science International Conference (invited speaker, Sertifikat)*.
4. Rifa'i M. 2016. Essential roles of propolis in the maintenance of homeostasis in diabetic mouse model. *International conference on the Biosciences and Medical Engineering. Faculty of Biosciences and Medical Engineering, UTM*.
5. Rifa'i M, Aris S, Tsuboi H. 2016. Propolis slightly increase Toll-Like Receptor Expression in STZ induced diabetes mellitus. *Japanese Society for Immunology (JSI) Vol.45, ISSN 0919-1984, Okinawa Conventional Center, Laguna Garden Hotel*

### **D. *Pengabdian kepada masyarakat***

1. Model pembelajaran biologi SMA/MA berbasis data melalui pendekatan bioinformatika Malang 15-17 Juni, 2015
2. Pendalaman materi biologi bagi guru SMP (Bioteknologi Tumbuhan dan Hewan), Malang 28 Mei 2016
3. Sebagai Pembina Olimpiade sains tingkat propensi tahun 2016 Mata pelajaran Biologi 36 Jam, Piagam Penghargaan Nomor: 423.5/300/424.051.14.5/2016
4. Sebagai Pembina dan peserta "Olimpiade ONMIPA *Februari-Maret* 2016: Surat Tugas Nomor: 0157/UN10/KM/2016

### **E. *Jabatan***

1. Ketua laboratorium: Fisiologi, Struktur dan Perkembangan Hewan, SK Nomor: 481/SK/2012
2. Kepala laboratorium terpadu Ngijo Universitas Brawijaya, SK Nomor: 211 Tahun 2015
3. Direktur Laboratorium Palang Terpadu Kepuharjo, SK Nomor 298 Tahun 2016

### **F. *Penunjang***

1. Juri Lomba Karya Tulis Alqur'an dalam acara Gebrar Brawijaya Qur'ani II, Malang 06-08 Maret, 2015. (Sertifikat)
2. Juri Karya Ilmiah Alqur'an dalam acara Gebrar Brawijaya Qur'ani III, Tingkat Nasional SMA/MA/SMK, Malang 26-28 Februari, 2016. (Sertifikat)
3. Sebagai Penelaah soal Nasional untuk SNMPTN 2016, Depok 04-06 Maret 2016, Surat Tugas nomor: 1191/UN10/AK/2016
4. Memberi Kuliah Umum di FKH Universitas Syiah Kuala dengan tema "Immunologi dan Teknoflow sitometri Untuk analisis Biologi Molekuler, Banda Aceh 9 September 2015 (Sertifikat)
5. Sebagai Pemateri Pelatihan Penulisan Jurnal Internasional Bidang Kesehatan, FKM-UI, 11-12 Maret 2015. (Sertifikat)

6. Sebagai Pemateri Konsinyering dan Proses Pendampingan Penulisan Publikasi Artikel Ilmiah pada Jurnal International Bagi dosen UB Program percepatan Guru Besar, 22-23 Mei 2015 (Sertifikat).
7. Sebagai Pemateri dalam rangka acara olimpiade MIPA 2014 "Raise Your Culture and be an Inspiring Scientist" Tingkat SMA/Sederajat se-Jawa Bali. 23-24 Agustus 2014.
8. Sebagai Pendamping Konsinyering Penulisan Publikasi Artikel Ilmiah pada Jurnal International Bagi dosen UB yang diselenggarakan oleh PPKID, 9-10 Juni 2014 (Sertifikat).
9. Sebagai presenter pada Annual international conference (AIC 2015) in conjunction with The 8<sup>th</sup> Chemical Engineering on Science and Application (ChESA 2015): 9, 10, dan 11 September 2015.
10. Sebagai Pemateri IGEM Nasional: 27 September, 2014 (Sertifikat).
11. Sebagai reviewer karya ilmiah untuk kenaikan pangkat ke Guru Besar: Surat Tugas Nomor:080/UN10.9/KP/2016.
12. Sebagai Tim Pengelola/Reviewer hibah kompetisi (PHK) Peningkatan Kapasitas Dosen Tahun Anggaran 2015, SK Rektpr Nomor 371 Tahun 2015.
13. Sebagai Tim Visitasi SAR AUN QA Jurusan Biologi FMIPA UB. Surat Tugas Nomor: 249UN109.1/KP/2015
14. Menjadi Pendamping penulisan dan penerbitan artikel pada jurnal teridek SCOPUS: Surat Tugas Nomor:007/UN10.44/AK/2016

#### **G. Penerbitan Buku**

1. Muhaimin Rifa'i, PhD.Med.Sc. 2009. Signal Transduksi dan Sistem Pertahanan Tubuh. Galaxy Science. ISBN. 978-602-97628-2-2
2. Muhaimin Rifa'i, PhD.Med.Sc. 2010. Genetika Rekombinasi dan Populasi. Galaxy Science. ISBN.978-602-97628-1-5
3. Muhaimin Rifa'i, PhD.Med.Sc. 2011. Autoimun dan Bio-regulator. UB Press ISBN. 978-602-8960-12-0
4. Muhaimin Rifa'i, PhD.Med.Sc. 2013. Imunologi & Alergi-Hipersensitif UB Press. ISBN.978-602-203-529-9

#### **H. Editor dan Reviewer Journal Internasional**

1. Editor and Reviewer Journal: JTROLIS
2. Reviewer Journal: Comparative Clinical Pathology
3. Reviewer Journal Gene and Diseases: Elsevier
4. Reviewer Journal: Egyptian Journal of Aquatic Research
5. Reviewer Journal: Food and Agricultural Immunology
6. Editor and Reviewer of Central European Journal of Immunology
7. Reviewer Egyptian Journal of Aquatic Research EJAR: Elsevier
8. Reviewer Journal of Taibah University Medical Sciences JTUMED: Elsevier

Malang, 30 Desember 2016



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