

CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI (<i>Personal Details</i>)			
Nama Penuh (<i>Full Name</i>)	EUSNI RAHAYU MOHD.TOHIT		Gelaran (<i>Title</i>): DR
No. MyKad / No. Pasport (<i>Mykad No. / Passport No.</i>) 700905-10-5438	Warganegara (<i>Citizenship</i>) MALAYSIA	Bangsa (<i>Race</i>) MELAYU	Jantina (<i>Gender</i>) PEREMPUAN
Jawatan (<i>Designation</i>)	PENSYARAH PERUBATAN KANAN	Tarikh Lahir (<i>Date of Birth</i>)	5 SEPTEMBER 1970

Alamat Semasa (<i>Current Address</i>)	Jabatan/Fakulti (<i>Department/Faculty</i>)	E-mel dan URL (<i>E-mail Address and URL</i>)
JABATAN PATOLOGI, FPSK, UPM, 43400,SERDANG ,SELANGOR Tel: 0389472392	PATOLOGI/FPSK Tel: 0389472379 Fax:0389412787	Email:eusni@upm.edu.my URL:- H/P: 019-2935970

B. KELAYAKAN AKADEMIK (<i>Academic Qualification</i>)			
Nama Sijil / Kelayakan (<i>Certificate / Qualification obtained</i>)	Nama Sekolah Institusi (<i>Name of School / Institution</i>)	Tahun (<i>Year obtained</i>)	Bidang pengkhususan (<i>Area of Specialization</i>)
MBBS	UNIVERSITI MALAYA	1995	MEDICINE & SURGERY
MASTER OF PATHOLOGY	UNIVERSITI KEBANGSAAN MALAYSIA	2005	HAEMATOLOGY

C. KEMAHIRAN BAHASA (<i>Language Proficiency</i>)					
Bahasa / <i>Language</i>	Lemah <i>Poor (1)</i>	Sederhana <i>Moderate (2)</i>	Baik <i>Good (3)</i>	Amat Baik <i>Very good (4)</i>	Cemerlang <i>Excellent (5)</i>
English			√		
Bahasa Melayu			√		
Chinese	√				
Lain-lain (<i>other</i>):ARAB		√			

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN*(Scientific experience and Specialisation)*

Organization	Position	Start Date	End Date	Expertise
UNIVERSITY OF NEW SOUTH WALES,AUSTRALIA	VISITING ACADEMIC FELLOW	1/3/2010	31/3/2011	PLATELET ADP RECEPTOR
UNIVERSITY OF NEW SOUTH WALES,AUSTRALIA	VISITING ACADEMIC FELLOW	5/3/2012	20/4/2012	PLATELET ADP RECEPTOR

E. PEKERJAAN (Employment)

Majikan / Employer	Jawatan / Designation	Jabatan / Department	Tarikh lantikan / Start Date	Tarikh tamat / Date Ended
MOH	MEDICAL OFFICER	HOUSEMANSHIP, DISTRICT HOSPITAL SERVICES, PSYCHIATRY, PATHOLOGY	1/8/1995	30/4/2000
MOHE	MEDICAL LECTURER	PATHOLOGY	1/5/2005	TO DATE

F. ANUGERAH DAN HADIAH (Honours and Awards)

Name of awards	Title	Award Authority	Award Type	Year
Academic Awards	SLAB SUBSPECIALTY TRAINING	UPM/MOHE UPM/MOHE	NATIONAL NATIONAL	2000-2004 2010
Non-Academic Awards				
Awards of Merit	Excellence in Service Silver Medal, PRPI Bronze medal, PRPI	UPM UPM UPM	University University University	2008 2014 2016

G. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (List of publications – author (s), title, journal, volume, page and year published)

Journal	
	<p>1 Eusni RMT, NorHamidah H, Zarina AL,A Rahman J (2007), <i>Bone marrow necrosis preceding infantile acute lymphoblastic leukaemia-a case report</i>; Malaysian Journal of Pathology;29(2),pp113-117</p> <p>2 Eusni RMT, Zainina S, Faridah I, Leong CF, Cheong SK (2007), <i>Pulmonary thromboembolism from familial protein S deficiency-a case report</i>;Malaysian J of Medicine & Health Sciences,Vol 3(2) : pp 61-65</p> <p>3 CF Low, ERM Tohit, PP Chong, F Idris, (2009), <i>Adiponectin and Hemoglobin Levels in Overweight and Obese Pregnant Mothers in Early Pregnancy</i>, The Internet Journal of Gynaecology and Obstetrics.</p> <p>4 V Sharmili, A Maha, L Rampal, MT Eusni Rahayu ,K Mirnalini, GL Khor, M Norhafizah, WS Joyce Leong, BH Choo, R Rajesh, M Mohan, YM Chan , S Abdulmumin (2009).<i>Execution and challenges of using focus group discussions as a research tool for secondary school students</i>, Malaysia Journal of Medicine & Health Sciences, Vol 5(1),pp 39-48.</p> <p>5 MN Sabariah, MI Lai, S Zainina, MT Eusni, I Faridah, Z Norfadzillah, O Ainon (2009), <i>Primary plasma cell leukaemia</i>, Malaysia Journal of Medicine & Health Sciences, Vol 5(1),pp 69-74.</p> <p>6 CF Low, E R M Tohit, P P Chong, F Idris (2010), <i>Adiponectin SNP45TG is associated with gestational diabetes mellitus</i>, Arch Gynecol Obstet, DOI 10.1007/s00404-010-1548-4.</p>

- 7 Caroline Manicam, Janna Ong Abdullah, **Eusni Rahayu Mohd Tohit**, Zainina Seman, Sieo Chin Chin and Muhajir Hamid, (2010), *In vitro anticoagulant activities of Melastoma malabathricum Linn. aqueous leaf extract: A preliminary novel finding*, Journal of Medicinal Plants Research Vol. 4(14), pp. 1464-1472.
9. Maha Abdullah, PhD.; Pei-Shin Chai, M.Sc.; Mun-Yee Chong, B.Sc.; **Eusni Rahayu Mohd Tohit, MD**; Rajesh Ramasamy, Ph.D.; Pei-Pei Chong, Ph.D.; Sharmili Vidyadaran, Ph.D. (2012). *Gender effect on in vitro lymphocyte subset levels of healthy individuals*, Cellular Immunology .272(2):214-9.
10. **Eusni RMT**, Leong CF, Salwati S (2012) *Myelodysplastic syndrome with eosinophilia and Trisomy X*, Malaysian Journal of Medicine and Health Sciences;
11. Mohd Arif AK, Sabariah MN, Zainina S, **Eusni RMT**, Faridah I. (2013) *Evaluation of Anticoagulant Property of Aqueous and ethanolic Extracts of Morinda citrifolia* Int J Tropical Medicine 8(1):1-5.
- 12 A Muhsin, **MT Eusni Rahayu**, MN Sabariah, AK Faraizah, H Roshida, MS Salmiah (2013) *Impaired Platelet Aggregation to Adenosine Diphosphate (ADP) Agonist in National Blood Centre, Malaysia* Asian Journal of Epidemiology:1-9.
13. Caroline Manicam, Li Teng Khoo, Janna Ong Abdullah, **Eusni Rahayu Mohd Tohit**, Zainina Seman, Sieo Chin Chin and Muhajir Hamid (2013) *Subacute toxic effects of Melastoma malabathricum Linn. Aqueous leaf extract on liver and kidney histopathology of rats*, Int Journal of Pharmacology ISSN 1811-7775, pp1-8
14. Li Teng Khoo, Janna Ong Abdullah, **Eusni Rahayu Mohd Tohit**, Faridah Abas and Muhajir Hamid (2014) *Anticoagulant activity of polyphenolic-polysaccharides isolated from Melastoma malabathricum L*, Evidence-based complementary and alternative medicine.
15. Li Teng Khoo, Janna Ong Abdullah, Faridah Abas, **Eusni Rahayu Mohd Tohit**, and Muhajir Hamid (2015) *Bioassay-Guided Fractionation of Melastoma malabathricum Linn. Leaf Solid Phase Extraction Fraction and Its Anticoagulant Activity*. Molecules 2015, 20, 3697-3715; doi:10.3390/molecules2003369, ISSN 1420-3049
16. Kim Lam Soh, **Eusni Rahayu Mohd Tohit**, Salimah Japar, Soh Kim Geok, Norhaslinda Binti Ab Rahman, Rosna Abdul Raman (2015) *Anemia among Antenatal Mother in Urban Malaysia*. Journal of Biosciences and Medicines 3, 6-11.
17. TA Saedi, S. Ghafourian, M. Jafarlou, MN Sabariah, P Ismail, **RMT Eusni**, F Othman (2015) *Berberis vulgaris fruit extract as a novel anti leukaemia agent*, Journal of Biological regulators & Homeostatic agents, Vol 29(2), 395-399.
18. Nurul Huda Mohd Nor, Sabariah Md Noor, Fauziah Othman, **Eusni Rahayu Mohd Tohit**. (2016) *A review paper: Medicinal herbals with antiplatelet properties benefit in coronary atherothrombotic diseases*, Thrombosis 2016 (<http://dx.doi.org/10.1155/2016/5952910>)
19. **Mohd Tohit ER**, Khalid B, Md Noor S, Seman Z (2016), *Thrombosis at unusual sites in reproductive age group-a case series*, Malaysian Journal of Medical & Health Sciences, Vol 12 (1), 65-68.
20. Wai-Teng Wong, Maznah Ismail, **Eusni Rahayu Mohd Tohit**, Rasheed Abdullah, Yi-Da Zhang (2016) *Attenuation of Thrombosis by Crude Rice (Oryza sativa) Bran Policosanol Extract: Ex Vivo Platelet Aggregation and Serum Levels of Arachidonic Acid Metabolites*, Evidence-Based Complementary and Alternative Medicine 2016 (<http://dx.doi.org/10.1155/2016/7343942>).
21. Bahaa Hadi Almhanawi, Bahariah Khalid, Tengku Azmi Ibrahim, **Eusni Rahayu Mohd Tohit** (2017), *A transmission electron microscopy study of anticoagulant-induced platelet vesiculation* Porto Biomedical Journal Vol 2, (1), January–February 2017, 23-27. (<https://doi.org/10.1016/j.pbj.2016.11.002>)
22. Nasrin Riyahi, **Eusni Rahayu Mohd Tohit**, Subashini AP Chellapah Thambiah, Zuriati Ibrahim (2018) *Platelet-Related Cytokines among Normal Body Mass Index, Overweight, and Obese Malaysians*, Asia Pac J Clin Nutr. 2018;27(1):182-188.

Books/Monographs	
Chapter in book	<p>Eusni Rahayu Mohd Tohit, Syahrilnizam Abdullah, Firdaus Abd Rahim (2007) Bruises, <i>Problem Based Learning Cases for Medical Students</i>; Vol 1 (2), pp 30-43.ISSN 1985-0042.</p> <p>Eusni Rahayu Mohd Tohit, Chong Pei Pei, Syahrilnizam Abdullah, (2012) Unsightly eyelids, <i>Problem Based Learning Cases for Medical Students</i>; Vol 3 (1), pp 1-19.ISSN 1985-0042.</p> <p>Ho Kok Lian, EusniRahayu Mohd.Tohit, Intan Nureslyna Samsudin, Norhafizah Mohtarrudin, Maha Abdullah (2016), Chapter 5- Techniques in Diagnostic tests in <i>Essential Practises in Pathology Laboratory</i> ISBN 978-967-344-591-2,pp 42-77</p> <p>NurAliah Diyana, Suzanne Lo, Eusni Rahayu Mohd.Tohit, Lili Nurliyana Abdullah, Malina Osman (2016),Chapter 26-Evaluation of MyHaemostasis-a supporting tool in learning among medical students in <i>Research On Educational Studies</i> ISBN 978-81-8387-768-8.</p> <p>Fatimah Azzahraa Hamzah, Lina Nadhirah Zawawi, Lim Ser Fong, Nur' Aliah Diyana, Suzanne Lo, Eusni Rahayu Mohd Tohit, Malina Osman, and Lily Nurliyana Abdullah (2016) Chapter 16- Development and Evaluation of MyHaemotasis: A Supporting Tool in Teaching and Learning in High Education in <i>Extended Abstracts of GIPP Geran Insentif Penyelidikan untuk Pengajaran & Pembelajaran</i> ISBN 978-967-960-400-9.</p> <p>Eusni Rahayu Mohd. Tohit (2017) Haemostasis in <i>Haematology-Practical Manual for Undergraduates</i> ISBN978-967-2110-30-9, ed Lai Mei I.</p>
Proceedings	<ol style="list-style-type: none"> 1 Eusni RMT, Leong CF, Cheong SK, Reena RMZ,Phang KS (2003), Peripheral T cell Lymphoma, <i>Medical Journal of Malaysia</i> , Vol 58,(supplement E),pp 127. 2 Eusni RMT, NorHamidah H, Zarina AL,A Rahman J (2003), <i>Bone marrow necrosis preceding infantile acute lymphoblastic leukaemia-a case report</i>; Research Methodology Week UKM. 3 Eusni RMT, Leong CF, Cheong SK, Tan SP,Tan HJ,Hayati AR (2003), <i>Extra pulmonary Tuberculosis</i>;1st Joint Congress of Pathologists and Malaysian Institute of Medical Laboratory Sciences, Crown Princess Hotel, KL. 4 Eusni RMT, Leong CF, Cheong SK, (2004), <i>Primary orbital lymphoma-case report</i>; 5th Malaysian National Haematology Scientific Meeting, Putrajaya Marriot. 5 Eusni RMT, Malina O, Shahrawati I, Sufiani M, Ida Shahnaz O (2006), <i>Prevalence & complications of Thalassemia seen in Pediatric Institute, Hospital K Lumpur</i>; 6th Malaysian National Haematology Scientific Meeting, Renaissance Hotel Kota Bharu. 6 Eusni RMT,Zainina S,Leong CF,Cheong SK (2006), <i>Pulmonary hypertension& protein S deficiency-a case report</i>;4th Asia Pacific Congress on Hemostasis & Thrombosis, International Society of Hemostasis & Thrombosis, Suzhou China. 7 Sharmili Vidyadaran, Lekhraj Rampal, Mirmalini Kandiah, Maha Abdullah, Eusni Rahayu (2007), <i>Behaviour intervention programme for cardiovascular disease among secondary school students- study design</i>; Malaysian Journal of Public Health Medicine, Volume 7 (supplement 2),pp31. 8 Eusni RMT, Leong CF, Cheong SK, Salwati S (2007), <i>Trisomy X and myelodysplastic syndrome (MDS) with eosinophilia</i>; Malaysian Journal of Pathology, Volume 29(supplement A),pp145. 9 Zainina S, Maha A, Eusni RMT, Faridah I, Chang KM (2007), <i>Prognostic significance of soluble CD23 in chronic lymphocytic leukaemia: a preliminary study</i>; Malaysian Journal of Pathology,Volume 29 (supplement A),pp144. 10 E Mohd Tohit, Z Seman, A.A Ghafar, F Adnan (2008), <i>Activated platelet measurement using flowcytometry in diabetes mellitus subjects : a preliminary study</i>; Int Jnl Lab Haem, Vol 30 (Suppl 1) pp 85-86. 11 C Manicam, M Hamid, ERM Tohit, Z Seman, SC Chin, JO Abdullah (2008), <i>Potent anticoagulant activity of a traditional Malaysian plant extract</i>; 5th Asia Pacific Congress on Hemostasis & Thrombosis, International Society of Hemostasis & Thrombosis, Singapore.

- 12 Sharmili Vidyadaran, Lekhraj Rampal, Saad Abdul Mumin, Maha Abdullah, Rusnah Mustaffa, **Eusni Rahayu Mohd Tohit** , (2009,) *Outcome of Focus Group Discussions to Design a Cardiovascular Disease Intervention Programme for Secondary School Children, 9th World Congress of IAAH* .
- 13 F Idris, Z Seman, **ERM Tohit**, SM Nor, K Ismail (2010), *Beta thalassaemia trait among blood samples of patients in Hospital Serdang Malaysia sent for Hb analysis from December 2005 to December 2007*, Int Jnl Lab, Hem, Vol 32(suppl 1), pp113.
- 14 CF Low, **ERM Tohit**, PPChong, F Idris, (2009), *Adiponectin and Hemoglobin Levels in Overweight and Obese Pregnant Mothers in Early Pregnancy*, Asian Summit on Diabetes mellitus
- 15 . **Tohit ERM** (2011), *Impaired platelet aggregation to ADP in a normal P2Y1 and P2Y12 receptors*. Journal Thrombosis Haemostasis (supplementary)
16. Khoo, L.T., Abdullah, J.O., Abas, F., **Tohit, E.R.M.**, Hamid, M. 2011. *Preliminary isolation bioactive compounds of Melastoma malabathricum Linn. leaves extract with anticoagulant activity*. 25th Scientific Meeting of the Malaysian Society of Pharmacology and Physiology on “Advances in Drug Development for a Better Well-Being”. Selangor, Malaysia.
17. Khoo, L.T., Abdullah, J.O., Abas, F., **Tohit, E.R.M.**, Hamid, M. 2011. *Preliminary isolation bioactive compounds of Melastoma malabathricum Linn. leaves extract with anticoagulant activity*. International Conference on Natural Products 2011 “Metabolomics: A new Frontier in Natural Products Science”. Selangor, Malaysia
18. **Eusni Rahayu MT**, Azlina M, Sabariah MN, Salmiah MS, Roshida H, Faraizah AK (2012) *A preview of impaired platelet aggregation to ADP agonist in National Blood Centre*. College of Pathologist Meeting
19. Stephnie Yiau, Cin Dee Lee, Kian Meng Chang, Tee Chuan Ong, **Eusni Rahayu Mohd. Tohit**, Noor Hamidah Hussin, Cheong Soon Keng, Heng Fong Seow, Maha Abdullah (2013) *Expression of c Kit, CD34 and pBAD in Acute Myeloid Leukaemia*, Xth Malaysian National Haematology Scientific Meeting
20. Khoo, L.T., Abdullah, J.O., Abas, F., **Tohit, E.R.M.**, Hamid, M. 2013. *Isolation and Development of anti-coagulant agent from Melastoma malabathricum aqueous leaf extract*. Seminar Bioteknologi Kebangsaan. Penang, Malaysia.
21. Azlina Muhsin, **Eusni Rahayu Mohd Tohit**, Sabariah Md Noor, Faraizah Abd Karim, Roshida Hassan, (2013) *Variability of platelet aggregation responses to epinephrine and collagen agonists among healthy individuals*. Xth Malaysian National Haematology Scientific Meeting.
22. Khoo, L.T., Abdullah, J.O., Abas, F., **Tohit, E.R.M.**, Hamid, M. 2013. *Preliminary isolation bioactive compounds of Melastoma malabathricum Linn. leaf extract with anticoagulant activity*. 5th Global Summit of Medicinal & Aromatic Plants. Sarawak, Malaysia
23. Azlina Muhsin*, **Eusni Rahayu Mohd. Tohit***, Sabariah Md Noor*, Faraizah Abd Karim**, Roshida Hassan** (2013). *Platelet aggregation pattern amongst multiracial healthy blood donors performed in National Blood Centre (NBC), Malaysia*. International Society of Thrombosis Haemostasis, Amsterdam, Netherlands .
24. Azlina Muhsin¹, **Eusni Rahayu M Tohit**², Sabariah Md Noor², Faraizah Abd Karim³, Roshida Hassan³ (2014). *Utility of ISTH-BAT Questionnaire and ELISA-VASP-P Assay for Screening of Mild Platelet-based Bleeding Disorder The Malaysian Journal of Pathology* 2014; 36, Supplement A: 103-104. 2014 International Congress of Pathology & Laboratory Medicine (ICPaLM) (26-28 August, Kuala Lumpur)
25. Azlina Muhsin¹, **Eusni Rahayu M Tohit**², Sabariah Md Noor², Faraizah Abd Karim³, Roshida Hassan³ (2014). *Flow Cytometric Analysis of Platelets Mepacrine-Labelled Dense Granules Content Among Individuals With Mild Bleeding Symptoms* The 8th Congress of Asia Pacific Society of Thrombosis and Hemostasis - 2014 (9-11 October, Hanoi, Vietnam)

	<p>26. Khoo, L.T., Abdullah, J.O., Abas, F., Tohit, E.R.M., Hamid, M. 2014. <i>Anticoagulant effects of bioactive fractions from Melastoma malabathricum Linn. leaf extract</i>. The 8th Congress of Asia Pacific Society of Thrombosis and Hemostasis- 2014. Hanoi, Vietnam.</p> <p>27. Khoo, L.T., Abdullah, J.O., Abas, F., Tohit, E.R.M., Hamid, M. 2014. <i>Polyphenolic-polysaccharides as contributor for anticoagulant activity of Melastoma malabathricum Linn. leaf</i>. Bio Johor 2014: Biotechnology Conference & Exhibition. Johor, Malaysia.</p> <p>28. Khoo, L.T., Abdullah, J.O., Abas, F., Tohit, E.R.M., Hamid, M. 2014. <i>Bioassay guided fractionation Melastoma malabathricum Linn. leaf with anticoagulant activity</i>. 21st Biotech Colloquium. Selangor, Malaysia.</p> <p>29. Eusni RMT, Bahariah K, Zainina S, Sbaraih MN. 2015 <i>Case series: Thrombosis at unusual sites</i>. XIIth Malaysian Society of Haematology Scientific Meeting, Promenade Hotel, Kota Kinabalu, Sabah. (24 - 25 April 2015)</p> <p>29. Li Teng Khoo, Faridah Abas, Janna Ong Abdullah, Eusni Rahayu Mohd. Tohit, Muhajir Hamid. (2015) <i>Subfraction B, a potential anticoagulant agent, fractionated from Melastoma malabathricum Linn. leaf hot water extract.. Joint Symposium of Asian Pacific Society on Thrombosis & Haemostasis Japanese Society on Thrombosis and Hemostasis (21 May 2015)</i></p> <p>30. Eusni RMT, Nor Aliyah Diana, Suzanne Lo, Malina Osman, Lili Nurliyana Abdullah, 2015. <i>Evaluation of MyHaemostasis: A supporting tool in learning among medical students</i>. 1st International Conference on Educational Studies, Pulau Springs, Skudai, Johor, Malaysia (3-4 June 2015)</p> <p>31. Eusni RMT, Nasrin R, Subashini CT, Zuriati I, 2016, <i>Platelet Parameters And Its Related Cytokines Amongst Normal, Overweight And Obese Malaysians In A Public University</i>. XIIth MSH Meeting, Shangri La Hotel, K Lumpur, Malaysia (14-16 April 2016).</p> <p>32. Hayati M, Eusni RMT, Faridah I, Alawiyah AAR, 2017, <i>Effects of Storage on haemolysis of Glucose -6-Phosphate Dehydrogenase (G6PD) Deficient Blood</i>. 16th Annual Scientific Meeting College Of Pathologists, Academy Of Medicine Malaysia, Royale Chulan Seremban (12-13th October 2017) .</p>
<i>Other publications</i>	Newsletter : Guide to haemostasis- Issue IX (2013) All Eight (M) Sdn. Bhd: Mild bleeding disorders –platelet function defects : are we there yet ? by Dr Eusni Rahayu Mohd. Tohit
<i>Copyright</i>	<p>1) MyHaemostasis animation- Copyright no: 17042015</p> <p>2) MyHaemostasis interactive learning. Akta Hakcipta 1987 CRLY00003826</p> <p>Eusni Rahayu Mohd. Tohit, Lily Nurliyana Abdullah, Malina Osman, Lim Ser Fong, Lina Nadhirah Zawawi, Fatimah AzZahraa' Hamzah.</p>

H. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project)					
<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
5315819	Platelet activation- a marker to assess risk of developing cardiovascular disease in diabetic subjects.	Project leader	2006	PLB	Completed
91066	Haemoglobin and glycosylated hemoglobin (HbA1C) levels among antenatal subjects	Project leader	2007	RUGS 3	Completed
	Anticoagulant activity and toxicity profiles of	Co investigator	2008	Escience	Completed

	Melastoma malabthricum linn. leaf extract.				
	The effect of Morinda Citrifolia Extract on Coagulation Tests	Co investigator	2008	RUGS 4	Completed
	The characterisation of cell lineages (myeloid, lymphoid, erythroid) in myelodysplastic syndrome (MDS) by flowcytometry.	Co investigator	2009	Becton Dickinson	Completed
	Immunomodulatory effects of Malaysian fruits, vegetables and local herbs	Co investigator	2009	Escience	Completed
700-3/1/GIPP/9323606	Development and evaluation of a teaching model : My Haemostasis-a supporting material for teaching and learning in higher education.	Principal investigator	2012	GIPP	Completed
04-02-12-1769RU	ADP receptor and/signalling pathway defects in inherited bleeding disorders.	Principal investigator	2012	RUGS	Completed
ERGS/1-2013/5527163	Exploring anti atherosclerotic effects of extract form Berberis vulgaris fruit, Teucrium polium L and Orthisiphon stamineus leaves in atherosclerotic in vivo model	Principal investigator	2013	ERGS	Ongoing
GP-IPS/2014/9433945	Obesity and its association with platelet related biomarkers and leptin among selected Malaysian population	Principal investigator	2014	GP-IPS	Ongoing
FPSK/14/PGS(7)	Platelet related biomarkers and leptin among obese Malaysian population	Principal investigator	2014	Post graduate supervision	Completed
FPSK/15/PGS (4)	Effect of red cell storage on G6PD blood donors	Principal investigator	2015	Postgraduate supervison	Ongoing
GP-IPS/2015/9455100	Effect of Leptospira	Principal investigator	2015	GP-IPS	Ongoing

	interrogans Serovar Lai strai Langkawi on Megakaryocytes (Meg-1) Cell line.				
FRGS/04-01-15- 1680FR	Novel non invasive drug delivery of factor VIII for haemophilia- Adam's Patch	Principal investigator	2015	MOE	On-going

H. Penyertaan aktiviti komuniti , pendidikan berterusan, expert group dan keanggotaan organisasi saintifik/ profesional kebangsaan	
Aktiviti komuniti	Ahli Persatuan Penduduk Lembah Keramat
Pendidikan berterusan	-
Expert group	Credentiailling Subcommittee Pathology (Haematology)National Specialist Registry. Council Member , College of Pathologists, Academy of Medicine Malaysia
Organisasi saintifik/ profesional Kebangsaan	Ahli seumur hidup- Persatuan Perubatan Malaysia. Persatuan Transfusi Darah. Persatuan Hematology Malaysia. Persatuan Thalassaemia. Ahli- Asia Pacific Society of Haemostasis and Thrombosis. International Society of Haemostasis and Thrombosis