



CURRICULUM VITAE

A. BUTIR-BUTIR PERIBADI (*Personal Details*)

Nama Penuh (<i>Full Name</i>)	Zalinah Ahmad		Gelaran (<i>Title</i>): Dr.
No. MyKad / No. Pasport (<i>Mykad No. / Passport No.</i>) 750101-04-5068	Warganegara (<i>Citizenship</i>) Malaysian	Bangsa (<i>Race</i>) Malay	Jantina (<i>Gender</i>) Female
Jawatan (<i>Designation</i>)	Senior Lecturer	Tarikh Lahir (<i>Date of Birth</i>)	1 January 1975

Alamat Semasa (<i>Current Address</i>)	Jabatan/Fakulti (<i>Department/Faculty</i>)	E-mel dan URL (<i>E-mail Address and URL</i>)
No. 26 Jln Seri Putra ¾, Bdr. Seri Putra, 43000, Kajang, Selangor	Department of Pathology Faculty of Medicine & Health Sciences, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor , Malaysia. Laboratory of Vaccines and Immunotherapeutics, Institute of Bioscience, Universiti Putra Malaysia, 43400, UPM Serdang, Selangor, Malaysia. Tel: 03-89472454 Fax: 03-89412787	E-mail: zalinah@upm.edu.my zalinahmedic@gmail.com URL: http://www.medic.upm.edu.my H/P: 012-8712558

B. KELAYAKAN AKADEMIK (*Academic Qualification*)

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>)
BSc (Honours)	National University of Malaysia	1999	Biochemistry and Molecular Biology

PhD	National University of Malaysia	2003	Medical Sciences (Biochemistry)
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C. KEMAHIRAN BAHASA (Language Proficiency)					
Bahasa / Language	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				/	

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN/KEAHLIAN BADAN PROFESIONAL <i>(Scientific experience and Specialisation/Membership of Professional Bodies)</i>				
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
American Diabetes Association	Member	May 2010	-	Clinical Biochemistry
Malaysian Society For Biochemistry And Molecular Biology	Member	2009	-	Biochemistry And Molecular Biology
Malaysian Association of Clinical Biochemist	Member	2011	-	Clinical Biochemistry

E. PEKERJAAN (Employment)				
<i>Majikan / Employer</i>	<i>Jawatan / Designation</i>	<i>Jabatan / Department</i>	<i>Tarikh lantikan / Start Date</i>	<i>Tarikh tamat / Date Ended</i>
UPM	Acting Deputy Dean (Academic and Research)	Faculty of Agriculture and Food Sciences, UPM	Jan 2004	Dec 2004
UPM	Lecturer	Faculty of Agriculture and Food Sciences, UPM	Jan 2004	June 2007
UPM	Senior Lecturer	Faculty of Medicine & Health Sciences, UPM	July 2007	Oct 2013
UPM	Prof. Madya	Faculty of Medicine & Health Sciences, UPM	Nov 2013	-

F. ANUGERAH DAN HADIAH (Honours and Awards)				
<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
<i>Academic Awards</i>				
<i>Non-Academic Awards</i>	1) Gold Medal Award	UPM	Pameran Reka Cipta, Penyelidikan dan Inovasi (PRPI)	2010
	2) Best Poster Award	Global Science and Technology Forum	International Conference on BioInformatics and Computational Biology	2011
	3) Bronze Medal Award	UPM	Pameran Reka Cipta, Penyelidikan dan Inovasi (PRPI)	2011
<i>Awards of Merit</i>	1) Excellent Service	UPM	Universiti	2004
	2) Excellent Service	UPM	Universiti	2010
	3) Best 10 Researchers Award	Faculty of Medicine and Health Science	Faculty	2012
	4) Best 3 Researchers Award	Faculty of Medicine and Health Science	Faculty	2012

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)	
<i>Journal</i>	<ol style="list-style-type: none"> <u>Ahmad Z.</u>, Makpol S., Ahmad H., Ahmad A., Merican I., Wan Ngah WZ. 2000. Genetic Polymorphisms of N-Acetyltransferase 2 (NAT2) and Susceptibility to Hepatocellular Carcinoma in a Malaysian Study Population. <i>Malaysian Journal of Biochemistry and Molecular Biology</i> 2000(5): 32-37. (Indexed in MyAIS, IF= 0.125) Suzana Makpol, <u>Zalinah Ahmad</u>, Suhana Mamat, Wan Zurinah

	<p>Wan Ngah. 2003. Polymorphisms in the Glutathione S-transferase M1 (GSTM1) and T1 (GSTT1) and Cytochrome P450 (CYP2E1) Genes in Malaysian Study Population. <i>Malaysian Journal of Biochemistry and Molecular Biology</i> 2003 8: 30-37. (Indexed in MyAIS, IF= 0.125)</p> <p>3. Suzana Makpol, <u>Zalinah Ahmad</u>, Ismail Merican, Wan Zurinah Wan Ngah. 2003. Genotyping of Detoxification Enzymes Polymorphism as an Indicator of Liver Cancer Risk. <i>UKM Research Highlights</i>: 152-156.</p> <p>4. Suzana Makpol, Suhana Mamat, <u>Zalinah Ahmad</u>, Gapor Md. Top and Wan Zurinah Wan Ngah. 2005. Comparative Effects of Alpha-tocopherol and Gamma-tocotrienol on Lipid Peroxidation Status in Hep G2 Cell Line Transfected with CYP2E1 Gene. <i>European Journal of Science Research</i> 7 (5): 41-56. (Indexed in Scopus)</p> <p>5. Suzana Makpol, <u>Zalinah Ahmad</u>, Harun Ahmad, Aminuddin Ahmad, Ismail Merican, Wan Zurinah Wan Ngah. 2005. Glutathione S-transferase M1 (GSTM1) and T1 (GSTT1) and Cytochrome P450 (CYP2E1) Polymorphisms and Susceptibility to Hepatocellular Carcinoma in a Malaysian Study Population. <i>European Journal of Science Research</i> 7 (4): 44-63. (Indexed in Scopus)</p> <p>6. Suzana Makpol, Suhana Mamat, <u>Zalinah Ahmad</u> and Wan Zurinah Wan Ngah. 2005. Genetic Polymorphisms in CYP1A1 (m1), (m2), (m4) and CYP2A6 and Susceptibility to Hepatocellular Carcinoma in a Malaysian Study Population. <i>Malaysian Journal of Biochemistry and Molecular Biology</i> 12: 31-40. (Indexed in MyAIS, IF= 0.125)</p> <p>7. Suzana Makpol, Suhana Mamat, <u>Zalinah Ahmad</u>, Gapor Md. Top and Wan Zurinah Wan Ngah. 2010. Comparative Effects of alpha-tocopherol and gamma-tocotrienol on CYP2E1-induced lipid peroxidation in HepG2 cell line. <i>Malaysian Journal of Clinical Biochemistry</i>. 5(1): 6-12</p> <p>8. Maznah Ismail, Ghaya Al-Naqeeb, Wan Aziz bin Mamat, <u>Zalinah Ahmad</u>. 2010. Gamma-oryzanol rich fraction regulates the expression of antioxidant and oxidative stress related genes in stressed rat's liver. <i>Nutrition and Metabolism</i> 7: 23-37 (Indexed in Scopus, IF: 2.89)</p> <p>9. Zarida Hambali, <u>Zalinah Ahmad</u>, Shahin Arab, Huzwah Khazaai. 2011. Oxidative stress and its association with cardiovascular disease in chronic renal failure (CRF) patients in Malaysia. <i>Indian Journal of Nephrology</i> 21(1):21-25. (Indexed in Scopus)</p>
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10. Huzwah Khazaai, Shahin Arab, Zarida Hambali, Zalinah Ahmad. 2011. Homocysteine and Malondialdehyde (MDA) levels associated with the occurrence of cardiovascular disease (CVD) in Malaysian population. *Global Journal of Health Sciences* 3(1): 119-127. **(Indexed in PubMed)**
11. Elham Rastegari, Zalinah Ahmad, David F. Spencer and Maznah Ismail. 2011. Two-dimensional profiling of proteins from *Curculigo latifolia* fruit by three different extraction protocols. *Journal of Medicinal Plants Research* 5(16): 3719-3724. **(Indexed in Scopus)**
12. Mina Rasouli, Zalinah Ahmad, Abd Rahman Omar and Zeenatul Nazariah Allauddin. 2011. Engineering an L-cell line that expresses insulin under the control of the glucagon-like peptide-1 promoter for diabetes treatment. *BMC Biotechnology* 11:9. 1-15. **(Indexed in Scopus, IF: 2.859)**
13. Basir, R, Hasballah, K, Jabbarzare, M, Gam, L.H, Abdul Majid, A.M.S, Yam, M.F., Moklas, M.A.M, Othman, F., Che Norma, M.T., Zalinah A., Mahmud, R. and Abdullah W.O. 2012. Modulation of Interleukin-18 release produced positive outcomes on parasitaemia development and cytokines production during malaria in mice. *Tropical Biomedicine Journal*. **(Indexed in Scopus, IF: 0.62)**
14. Fatin, I. S., Zalinah A., Malina O. 2012. Prevalence of MTHFR and cSHMT genes polymorphisms in healthy Malaysian population. *African Journal of Biotechnology*. **(Indexed in ISI, IF: 0.573)**
15. Zalinah Ahmad, Mina Rasouli, Ahmad Zaid Fattah Azman and Abd Rahman Omar. 2012. Evaluation of insulin expression and secretion in genetically engineered gut K and L-cells. *BMC Biotechnology* 12: 64. **(Indexed in ISI, IF: 2.349)**
16. Basir, R., Fazalul rahiman, S.S., Hasballah, K., Chong, W.C., Talib, H., Yam, M.F., Jabbarzare, M., Tie, TH, Othman, F., Moklas, M.A.M., Abdullah, W.O. and Ahmad, Z. 2012. *Plasmodium berghei* ANKA Infection in ICR Mice as a Model of Cerebral Malaria. *Iranian J Parasitol* 7(4). **(Indexed in ISI, IF: 0.421)**
17. Dena Dorniani, Mohd Zobir Hussein, Aminu Umar Kura, Sharida Fakurazi, Abdul Halim Shaari and Zalinah Ahmad. 2012. Preparation of Fe₃O₄ magnetic nanoparticles coated with gallic acid for drug delivery. *International Journal of*

Nanomedicine 2012;7: 5745-5756. **(Indexed in ISI, IF 3.130)**

18. Nur Akmak Ishak, Muhajir Hamid, Zalinah Ahmad and Maznah Ismail. 2013 Antidiabetic and Hypolipidemic Activities of *Curculigo latifolia* fruit: Root Extract in High Fat Fed Diet and Low Dose STZ Induced Diabetic Rats. *Evidence-Based Complementary and Alternative Medicine*. Article ID:601838 **(Indexed in ISI, IF: 4.774)**
19. Mina Rasouli, Zeenathul Nazariah Allaudin Allaudin, Abdul Rahman Omar, Zalinah Ahmad. 2013. Insulin secreted from genetically engineered intestinal cells reduces blood glucose levels in diabetic mice. *Current Gene Therapy* 13: 229-239. **(Indexed in ISI, IF: 3.386)**
20. Joan Anak Blin, Zalinah Ahmad, Lekhraj Rampal. 2013. Preliminary assessment of differential expression of candidate genes with atherosclerosis. *Genes & Genetic Systems* 88: 199-209. **(Indexed in ISI, IF: 0.952)**
21. Dena Dorniani, Mohd Zobir bin Hussein, Aminu Umar Kura, Sharida Fakurazi, Abdul Halim Shaari, Zalinah Ahmad. 2013 Preparation and characterization of 6-mercaptopurine-coated magnetite nanoparticles as a drug delivery system. *Drug design, development and therapy* 7: 1015-1026. **(Indexed in PubMed, IF: 2.877)**
22. Mina Rasouli, Sakineh Abbasi, Kazhal Sarsifi, Homayoun Hani, Zalinah Ahmad, Abdul Rahman Omar. 2013. The L- cell Isolation from Heterogenous population of Intestinal Cell line Using Antibiotic Selection Method. *Appl Biochem Biotechnol* DOI 10.1007/s12010-013-0514-6 Springer **(RG IF; 1.35)**
23. Dena Dorniani, Mohd Zobir Bin Hussein, Aminu Umar Kura, Sharida Fakurazi, Abdul Halim Shaari, Zalinah Ahmad. Sustained release of prindopril erbumine from its chitosan-coated magnetic nanoparticles for biomedical applications. 2013 *International Journal of Molecular Sciences*: 14(12): 23639-23653 **(IF: 3.257)**
24. Nur Aimi Syarina Pauzi, Muhammad A A, Sharida Fakurazi, Palanisamy Arulselvan and Zalinah Ahmad. 2013. Preliminary Study of the Optimization of Protocol for Development of Type 2 Diabetic Model in Rats. *Indian Journal of Science and Technology*. 6(7): 4960-4965 **(Indexed in Scopus)**
25. Dena Dorniani, Aminu Umar Kura, Samer Hasan Hussein-Al-Ali, Mohd Zobir Bin Hussein, Sharida Fakurazi, Abdul Halim Shaari, Zalinah Ahmad. 2014. In vitro sustained release study of

gallic acid coated with magnetite-PEG and magnetite-PVA for drug delivery system. *The Scientific World Journal* Vol 2014, Article ID 416354, <http://dx.doi.org/10.1155/2014/416354> (IF 2011: 1.219)

26. Dena Dorniani, Aminu Umar Kura, Mohd Zobir Bin Hussein, Sharida Fakurazi, Abdul Halim Shaari, Zalinah Ahmad. 2014 Controlled-release formulation of perindopril erbumine loaded PEG-coated magnetite nanoparticles for biomedical applications. *Journal of Materials Science*: 49 (24): 8487-8497. Springer. (IF: 2.302)
27. Dena Dorniani, Aminu Umar Kura, Samer Hasan Hussein-Al-Ali, Mohd Zobir bin Hussein, Sharida Fakurazi, Abdul Halim Shaari, Zalinah Ahmad. 2014. Release behavior and toxicity profiles towards leukemia (WEHI-3B) cell lines of 6-mercaptopurine-PEG-coated magnetite nanoparticles delivery system. *The Scientific World Journal* Vol 2014. Hindawi Publishing Corporation Article ID 972501, <http://dx.doi.org/10.1155/2014/972501>. (IF 2011: 1.219)
28. Nur Hilda Hanina Abd Wahab, Intan Nureslyna Samsudin, Syafinaz Amin, Zalinah Ahmad, Lailatul Akmar Mat Noor, Anand Sobhraj Devnani. 2015. Clinical presentation and microorganisms sensitivity profile for diabetic foot ulcers: a pilot study. *Medical Journal Malaysia* Vol 70 No 3. 182-187.
29. Subashini Chellapah Thambiah, Zalinah Ahmad, Zarida Hambali, Malina Osman, Munira Mohd Zain, Fuziah Md Zain, Janet Heonh Yeow Hua. 2015. Clinical Presentation of Congenital Adrenal Hyperplasia in Selected Multiethnic Paediatric Population. *Malaysian Journal of Medicine and Health Sciences* Vol. 11 (1). 77-83.
30. Saharudin, S.H., Ahmad, Zalinah, Basri, M. 2016 Role of Xanthan gum on physicochemical and rheological properties of rice bran oil emulsion. *International Food Research Journal* 23(4): 1361-1366 (IF: 0.062)
31. Sima Ataollahi Eshkooor, Zalinah Ahmad. 2016. Delivery of Recombinant Plasmid Containing Human Insulin Gene-GLP1 Promoter into L Cells in the Rats with Type-1 Diabetes. *Current Trends in Biotechnology and Pharmacy* Vol. 10 (1). 64-71
32. Elnaz Saki, Latifah Saiful Yazan, Razana Mohd Ali, Zalinah Ahmad. 2016. Chemopreventive Effects of germinated Rough Rice Crude Extract in Inhibiting Azoxymethane-Induced Aberrant Crypt Foci Formation in Sprague-Dawley Rats. *Biomed Research International* (2017) Article ID 9517287, <https://doi.org/10.1155/2017/9517287>.

<i>Books/Monographs</i>	
<i>Chapter in book (pending publication)</i>	<p>Problem Based Learning Facilitator Guidebook on ‘A pale and irritable neonate’ for MD Programme Year 1 (UPM)</p> <p>Problem Based Learning Facilitator Guidebook on ‘Abdominal colic post meal’ for MD Programme Year 1 (UPM)</p>
<i>Proceedings</i>	<ol style="list-style-type: none"> 1. Suzana Makpol, <u>Zalinah Ahmad</u>, Harun Ahmad, Ismail Merican, Wan Zurinah Wan Ngah. 2000. Penentuan Polimorfisme Genotip Enzim Detoksifikasi Sebagai Petunjuk Terhadap Risiko Kanser Hepar. Proseeding Seminar IRPA-UKM RMK7-UKM 3: 168-171. 2. <u>Zalinah Ahmad</u>, Suzana Makpol, Wan Zurinah Wan Ngah. 2000. Genetic Polymorphism of N- Acetyltransferase (NAT2) in Malaysian Population. Proceeding Malaysian Science and Technology Congress 2: 326-332. 3. Suzana Makpol, <u>Zalinah Ahmad</u>, Wan Zurinah Wan Ngah. 2000. Genotyping of the Cytochrome P450 (CYP2E1 and CYP2D6) Genes in Malaysian Population. Proceeding Malaysian Science and Technology Congress 2: 318-325. 4. Suhana Mamat, Suzana Makpol, <u>Zalinah Ahmad</u>, Gapor Md. Top, Wan Zurinah Wan Ngah. 2004. Effects of Palm Oil Vitamin E on Lipid Peroxidation Status in Hep G2 Cell Line Expresses Cytochrome P450 2E1 Enzyme. Proceedings Malaysian Science and Technology Congress: 623-628.
<i>Other publications</i>	<p>Patents:</p> <ol style="list-style-type: none"> 1. Title of Invention : GLP-1 Promoter mediated insulin expression for the treatment of diabetes. Patent Application No : PI 2010700074 Date of filing at the Intellectual Property Corporation of Malaysia : 08/10/10 PCT Application No : PCT/MY2011/000215 Date of filing at the International Patent Cooperation Treaty : 05/10/11 2. Title of Invention: A method for extracting protein from pectin rich plant material. Patent Application No: PI 2011700031. Date of Filing at the Intellectual Property Corporation of Malaysia : 30/03/11 PCT Application No : PCT/MY2012/000044 Date of filing at the International

Scientific papers - abstracts:

1. Zalinah A., Suzana M., Wan Ngah W.Z. 1999. Polymorphisms in the Glutathione S-transferase Class Mu (GSTM1) and Theta (GSTT1) in the Malaysian Population. *Malaysian Journal of Biochemistry and Molecular Biology* 4:45. (Abstract)
2. Zalinah Ahmad, Suzana Makpol, Harun Ahmad, Aminuddin Ahmad, Ismail Merican, Wan Zurinah Wan Ngah. 2000. Genetic Polymorphism of N-Acetyltransferase (NAT2) and Susceptibility to Hepatocellular Carcinoma in Malaysian Population. *Malaysian Journal of Biochemistry and Molecular Biology* 5: 85. (Abstract)
3. Suzana Makpol, Zalinah Ahmad, Harun Ahmad, Aminuddin Ahmad, Ismail Merican, Wan Zurinah Wan Ngah. 2000. The Human CYP2E1 Gene and Hepatocellular Carcinoma: *DraI* and *RsaI* Restriction Fragment Length Polymorphisms in Malaysian Study Population. *Malaysian Journal of Biochemistry and Molecular Biology* 2000(5): 78. (Abstract)
4. Suzana Makpol, Suhana Mamat, Zalinah Ahmad, Ismail Merican, Wan Zurinah Wan Ngah. 2001. Genetic Polymorphism of the CYP Genes and Hepatocellular Carcinoma Risk. *Malaysian Journal of Biochemistry and Molecular Biology* 2001 (6): 59. (Abstract)
5. Zalinah Ahamad, Suzana Makpol, Aminuddin Ahmad, Ismail Merican, Wan Zurinah Wan Ngah. 2001. Oxidative damage to DNA in Hepatocellular Carcinoma as Measured by 8-Hydroxydeoxyguanosine Formation. *Malaysian Journal of Biochemistry and Molecular Biology* 2001(6): 94. (Abstract)
6. O Zulhabri, A Zalinah, Z Mazlam, A Aminuddin, A Harun, S Harjit, M Suzana, W Z Wan Ngah. 2002. Aflatoxin B1-Albumin Adducts Levels in Hepatocellular Carcinoma Patients in Malaysia. *Medical Journal of Malaysia* Vol. 57 Suppl.A June: 78. (Abstract)
7. Suzana Makpol, Suhana Mamat, Zalinah Ahmad and Wan Zurinah Wan Ngah. 2003. CYP2E1, CYP1A1 (m1), (m2), (m4) and CYP2A6 Genetic Polymorphisms and Susceptibility to Hepatocellular Carcinoma. *Malaysian Journal of Biochemistry and Molecular Biology* 8: 82 (Abstract)
8. Suhana Mamat, Suzana Makpol, Zalinah Ahmad, Gapor Md. Top, Wan Zurinah Wan Ngah. 2005. Palm Oil Vitamin E Protects Against Lipid Peroxidation in Hep G2 Cell Line Expressing Cytochrome P4502E1 Enzyme. *Malaysian Journal of Biochemistry and Molecular Biology* 11: 72. (Abstract)
9. Fakurazi S, Abu Bakar AH, Aimi SP, Dahiru S, Zalinah A, Faridah A. 2012. Bioactive Fractions Isolated from a Plant to Improve Wound Healing in a Hyperglycemic Animal Model. 4th

Malaysian Tissue Engineering and Regenerative Medicine (MTERMS) Scientific Meeting. (Abstract)

Scientific Presentation (Poster/ Oral):

1. Zalinah A., Suzana M., Wan Ngah W.Z. 1999. Polymorphisms in the Glutathione S-transferase Class Mu (GSTM1) and Theta (GSTT1) in the Malaysian Population. 23 rd Annual Conference of The Malaysian Society for Biochemistry and Molecular Biology. (Poster)
2. Zalinah Ahmad, Suzana Makpol, Harun Ahmad, Aminuddin Ahmad, Ismail Merican, Wan Zurinah Wan Ngah. 2000. Genetic Polymorphism of N-Acetyltransferase (NAT2) and Susceptibility to Hepatocellular Carcinoma in Malaysian Population. 24th Annual Conference of The Malaysian Society for Biochemistry and Molecular Biology. (Poster)
3. Zalinah Ahmad, Suzana Makpol, Wan Zurinah Wan Ngah. 2000. Genetic Polymorphism of N- Acetyltransferase (NAT2) in Malaysian Population. Malaysian Science and Technology Congress. (Oral)
4. Suzana Makpol, Zalinah Ahmad, Wan Zurinah Wan Ngah. 2000. Genotyping of the Cytochrome P450 (CYP2E1 and CYP2D6) Genes in Malaysian Population. Malaysian Science and Technology Congress. (Oral)
5. Suzana Makpol, Zalinah Ahmad, Harun Ahmad, Aminuddin Ahmad, Ismail Merican, Wan Zurinah Wan Ngah. 2000. The Human CYP2E1 Gene and Hepatocellular Carcinoma: *DraI* and *RsaI* Restriction Fragment Length Polymorphisms in Malaysian Study Population. 24th Annual Conference of The Malaysian Society for Biochemistry and Molecular Biology. (Poster)
6. Suzana Makpol, Suhana Mamat, Zalinah Ahmad, Ismail Merican, Wan Zurinah Wan Ngah. 2001. Genetic Polymorphism of the CYP Genes and Hepatocellular Carcinoma Risk. 25th Annual Conference of The Malaysian Society for Biochemistry and Molecular Biology. (Poster)
7. Zalinah Ahamad, Suzana Makpol, Aminuddin Ahmad, Ismail Merican, Wan Zurinah Wan Ngah. 2001. Oxidative damage to DNA in Hepatocellular Carcinoma as Measured by 8-Hydroxydeoxyguanosine Formation. 24th Annual Conference of The Malaysian Society for Biochemistry and Molecular Biology. (Poster)
8. Zulhabri, A Zalinah, Z Mazlam, A Aminuddin, A Harun, S Harjit, M Suzana, W Z Wan Ngah. 2002. Aflatoxin B1-Albumin Adducts Levels in Hepatocellular Carcinoma Patients in Malaysia. GUT Annual Scientific Meeting. (Oral)
9. Suzana Makpol, Suhana Mamat, Zalinah Ahmad and Wan Zurinah Wan Ngah. 2003. (Abstract). CYP2E1, CYP1A1 (m1), (m2), (m4) and CYP2A6 Genetic Polymorphisms and Susceptibility to Hepatocellular Carcinoma. 26th Annual

- Conference of The Malaysian Society for Biochemistry and Molecular Biology. (Poster)
10. Suhana Mamat, Suzana Makpol, Zalinah Ahmad, Gapor Md. Top, Wan Zurinah Wan Ngah. 2004. Effects of Palm Oil Vitamin E on Lipid Peroxidation Status in Hep G2 Cell Line Expresses Cytochrome P450 2E1 Enzyme. Malaysian Science and Technology Congress. (Oral)
 11. Suhana Mamat, Suzana Makpol, Zalinah Ahmad, Gapor Md. Top, Wan Zurinah Wan Ngah. 2005. Palm Oil Vitamin E Protects Against Lipid Peroxidation in Hep G2 Cell Line Expressing Cytochrome P4502E1 Enzyme. 28th Annual Conference of The Malaysian Society for Biochemistry and Molecular Biology. (Poster)
 12. Maznah Ismail, Wan Abd Aziz, Zalinah Ahmad. 2010. Gamma-oryzanol rich fraction regulates the expression of antioxidant and oxidative stress related genes in strenuous excersized rats. Pameran Reka Cipta, Penyelidikan dan Inovasi (PRPI) UPM 2010. (Poster: **Gold Medal Award**)
 13. Zalinah Ahmad, Abdul Karim Haji Tajuddin, Norhafizah Mohtarruddin Joan Blin . 2010. Cardiac Related Mortality Trends in Serdang Hospital, Selangor, Malaysia. International Symposium of Health Sciences (i-SIHAT). Kuala Lumpur. 2010 (Poster)
 14. Mina Rasouli, Zalinah Ahmad, Abdul Rahman Omar, Zeenathul Nazariah Allauddin, Maznah Ismail. 2011. Purification of Glucagon like peptide-1 Expressing cells from Heterogeneous Population of Enteroendocrine Cell-lin. International Conference on BioInformatics and Computational Biology (BICB 2011). Singapore. (Poster: **Best Poster Award**)
 15. Elham Rastegari, Zalinah Ahmad, David F. Spencer, Maznah Ismail. 2011. 2.DE protein profiling of Curculigo Latifolia fruit, root and leaf. International Symposium and Workshop on Functional Genomics and Structural Biology. Kula Lumpur. (Poster)
 16. Fatin Izyan Ismil, Zalinah Ahmad, Malina Osman. 2011. Prevalence of cSHMT and MTHFR Genes Polymorphism in Healthy Malaysian Population. International Symposium and Workshop on Functional Genomics and Structural Biology. Kula Lumpur. (Poster)
 17. Surani Sukor, Norhashekin Abu Hassan and Zalinah Ahmad. 2011. Biochemical markers analyses in type 2 diabetes patients on metformin monotherapy. 36th Annual Conference of the Malaysian Society of Biochemistry and Molecular Biology. (Poster)
 18. Mina Rasouli, Zalinah Ahmad, Abdul Rahman Omar, Zeenathul Nazariah Allauddin. 2011. Diabetes Gene Therapy Using Nutrients Regulated Promoter. Pameran Reka Cipta, Penyelidikan dan Inovasi (PRPI) UPM 2011. (Poster: **Bronze Medal Award**)
 19. Elham Rastegari, Zalinah Ahmad, David F. Spencer, Maznah

	<p>Ismail. 2011. Identification of abundantly expressed proteins from <i>Curculigo latifolia</i> fruit through 7 different protocols. Pameran Reka Cipta, Penyelidikan dan Inovasi (PRPI) UPM 2011. (Poster)</p> <p>20. <u>Zalinah Ahmad</u>, Mina Rasouli, Abdul Rahman Omar, Zeenathul Nazariah Allaudin. Diabetes Gene Therapy Using Nutrients Regulated Promoter. 5th International Conference on Advance Technology and Treatment for Diabetes (ATTD). Barcelona, Spain 2-5 February 2012. (Poster)</p> <p>21. Fakurazi S, Abu Bakar AH, Aimi SP, Dahiru S, <u>Zalinah A</u>, Faridah A. 2012. Bioactive Fractions Isolated from a Plant to Improve Wound Healing in a Hyperglycemic Animal Model. 4th Malaysian Tissue Engineering and Regenerative Medicine (MTERMS) Scientific Meeting. 3-4 June 2012. (Poster)</p> <p>22. Ms. Nur Hilda Hanina, Intan Nureslyna Samsudin, <u>Zalinah Ahmad</u>, Syafinaz Amin Nordin, Sharida Fakurazi, Anand Sobhraj Devnani. Microorganisms isolated from diabetic foot ulcer in hospital serdang, malaysia: a pilot study. Faculty of Medicine and Health Sciences Research Week. 30-31 May 2012. (Poster)</p> <p>23. Iqmal Asyraf, Joan Blin, Rohayu S. Adnan, Lekhraj Rampal, <u>Zalinah Ahmad</u>: Regulation of Atherosclerosis-Related Genes in Healthy and Diseased Coronary Artery Tissues. International Conference on Antioxidants & Degenerative Diseases. 18-19 July 2018. (Poster: Best Poster Award)</p>
Computer software	

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>
91438	The relation of MTHFR and cSHMT genes with the risk of developing CVD	Principal Researcher	2008-2010	RUGS (RM30,000)	Completed
106/5523705	Gene therapy for Diabetic Rats by Insulin Gene Expression in the Intestinal L cells	Principal Researcher	2009-2011	FRGS (RM50,000)	Completed
5450538	Identifying biochemicals and genetic markers associated with metformin with responses in Malaysian diabetic patients, a step towards personalized medicine	Principal Researcher	May 2010-2012	E-Science (RM142,000)	Completed

5450540	Transformation of insulin gene in The gut L cells for potential gene therapy in Diabetes	Principal Researcher	May 2010-2012	E-Science (RM172,000)	Completed
6353600-14001	Development of skin care product from GBR	Principal Researcher	Sept 2010 -Aug 2012	BERNAS (RM483,000)	Completed
5223922	Protein Profiling of diabetic patients with different responses towards first line oral anti-diabetic metformin drug	Collaborator	June 2010-2012	FRGS (RM50,000)	Completed
9199100	Biochemical and genetic study of Congenital Adrenal Hyperplasia in Malaysian study population	Senior Lecturer of Research Mentor/ Collaborator	2010-2012	RUGs Initiative 4 (RM30,000)	Completed
05-01-11-1220RU	Clinical utility of copeptin in acute myocardial infarction	Senior Lecturer of Research Mentor/ Collaborator	15 Apr 2011-15 Apr 2013	RUGs Initiative 4 (RM30,000)	Completed
IRPA 06-02-04-0428	Association of Candidate Gene Expression and Polymorphism with Development of Atherosclerosis	Collaborator	Oct 2008-2012	IRPA (RM120,000)	Completed
-	Extraction, purification and identification of Lemba protein	Principal Investigator	Jan 2008-Dec 2011	-	Completed
PRGS Fasa 1/2013	Therapeutic Plasmid Nanoparticles for insulin Therapy	Principal Investigator	2012-2014	PRGS (RM110,000)	Freezed
VOT RU 9001110	GLP-1 Promoter Mediated Insulin Expression for Treatment of Diabetes	Principal Investigator	April-Sept 2017	Dana Promosi (RM 50,000)	Completed

9623400	Determination of Optimum Response Dose of Insulin Gene Constructs on Gut K and L-Cells and Insulin Secretion Pattern of the K and L-Cells In Response to Multiple Inductions of Nutrients	Principal Investigator	Feb 2018-Aug 2019	Putra Grant-IPS (RM25,000)	On-going
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