

CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI <i>(Personal Details)</i>			
Nama Penuh <i>(Full Name)</i>	Rozaini binti Abdullah		Gelaran <i>(Title)</i> : Dr.
No. MyKad / No. Pasport <i>(Mykad No. / Passport No.)</i>	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>	

Alamat Semasa <i>(Current Address)</i>	Jabatan/Fakulti <i>(Department/Faculty)</i>	E-mel dan URL <i>(E-mail Address and URL)</i>
Environmental & Occupational Health Department, Faculty of Medicine & Health Sciences, Universiti Putra Malaysia	Environmental & Occupational Health Department, Faculty of Medicine & Health Sciences, Universiti Putra Malaysia & Natural Medicines and Products Research Laboratory, Institute of Bioscience, Universiti Putra Malaysia Tel: 03-8609 2975	E-mail: rozainiabdullah@upm.edu.my URL:

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>
PhD	Wageningen University	2017	Toxicology
Master	Universiti Kebangsaan Malaysia	2012	Health Sciences (Biomedical Science)
Bachelor Degree	Universiti Kebangsaan Malaysia	2009	Environmental Health

C. KEMAHIRAN BAHASA <i>(Language Proficiency)</i>					
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				√	√
Chinese					
Lain-lain <i>(other)</i> :					

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN (<i>Scientific experience and Specialisation</i>)				
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
Asian Society of Toxicology	President	2023	2026	Toxicology
Malaysian Society of Toxicology	President	2021	2025	Toxicology
Dutch Society of Toxicology	Member	2015	present	Toxicology
Chartered Institute of Environmental Health	Voting member	2010	present	Environmental Health
Putra Toastmasters International Club	Vice President of Membership	2018	2019	Public Speaking

E. PEKERJAAN (<i>Employment</i>)				
<i>Majikan / Employer</i>	<i>Jawatan / Designation</i>	<i>Jabatan / Department</i>	<i>Tarikh lantikan / Start Date</i>	<i>Tarikh tamat / Date Ended</i>
Universiti Putra Malaysia	Senior Lecturer	Environmental & Occupational Health Department	31 March 2017	Until now
Universiti Putra Malaysia	Tutor	Environmental & Occupational Health Department	1 February 2010	30 March 2017

F. ANUGERAH DAN HADIAH (<i>Honours and Awards</i>)				
<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
<i>Academic Awards</i>	Fellowship to attend the International Training Course on Fundamentals of Risk Assessment & Application of Risk Assessment Paradigm for Solving Real World Problems	Chulabhorn Research Institute, Thailand	International	2022
<i>Academic Awards</i>	IUTOX Travel Award to attend the 2020 Society of Toxicology Annual Meeting, March 27–31, 2022 in San Diego, California.	International Union of Toxicology	International	2022
<i>Academic Awards</i>	IUTOX Travel Award to attend the 2020 Society of Toxicology Annual Meeting, March 15–19, 2020 in Anaheim, California.	International Union of Toxicology	International	2020
<i>Academic Awards</i>	Invited as a representative for Malaysia in the Asia-Pacific Regional Meeting	Chulabhorn Research Institute, Thailand & World Health	International	2019

	on Children's Environmental Health organized by Chulabhorn Research Institute and US National Institute of Environmental Health Sciences in collaboration with World Health Organization, South-East Asia Regional Office (WHO SEARO) and UNICEF East Asia and Pacific Regional Office (EAPRO).	Organization		
<i>Academic Awards</i>	Fellowship to attend the International Training Course on Occupational and Environmental Health	Chulabhorn Research Institute, Thailand	International	2019
<i>Academic Awards</i>	Fellowship to attend the International Training Course on Environmental Toxicology	Chulabhorn Research Institute, Thailand	International	2019
<i>Academic Awards</i>	SLAI scholarship award to further doctoral study	Ministry of Higher Education of Malaysia	National	2013-2017
<i>Academic Awards</i>	Travel bursaries award to attend the 51 st Congress of the European Societies of Toxicology in Porto, Portugal	European Societies of Toxicology	International	2015
<i>Academic Awards</i>	Young Scientist Award for participated in the workshop and training on Global Environmental and Human Health: Extreme Events and Urbanization in the APN Region	United Nations University-International Institute for Global Health	International	2013
<i>Academic Awards</i>	Second Place of Student/Junior Scientist Award in Sixth International Conference of Environmental Mutagen in Human Populations, Qatar	Qatar Foundation	International	2012
<i>Academic Awards</i>	SLAB scholarship award to further master study	Ministry of Higher Education of Malaysia	National	2009-2012
<i>Academic Awards</i>	JPA scholarship award to further bachelor study	Public Service Department	National	2005-2009
<i>Non-Academic Awards</i>	Best Assignment Speaker in Putra Toastmasters	Putra Toastmasters International Club	International	2011

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>Siti Soleha Ab Dullah, Mohd Redzwan Sabran, Hasiah Ab Hamid, and Rozaini Abdullah. (2023). Risk Assessment of Aflatoxin B1 in Herbal Medicines and Plant Food Supplements Marketed in Malaysia using Margin of Exposure and RISK21 Approaches. <i>Genes and Environment</i> 45(31):1-11.</p> <p>Nurul Farahana Kamaludina, Firdaus Kamarulzaman, Rozaini Abdullah, Kok Meng Chan, Salmaan Hussain Inayat-Hussain (2023). The Malaysian Society of Toxicology: From Establishment to Evolution, A Promising Future! <i>Genes and Environment</i> 45(34):1-8.</p> <p>Nurul Nabilah Sahanudin and Rozaini Abdullah. (2023). Awareness on Traditional and Complementary Medicine among Undergraduate Students in Universiti Putra Malaysia. <i>Mal J Med Health Sci</i> 19(SUPP14): 80-90.</p> <p>Nur Azra. M. Pauzi, Akmal Arif, Razali Mirad, Mohd Yusmaidie Aziz, Rozaini Abdullah. (2023). Assessing the Risk of Estragole Consumption From Natural Products in the Malaysian Market by Using the Margin of Exposure Approach. <i>Mal J Med Health Sci</i> 19(SUPP11): 26-35.</p> <p>Siti Soleha Ab Dullah, Aida Nurul Ain Ahmad Sabri, Nur Azra Mohd Pauzi, Hasiah Ab Hamid, Mohd Redzwan Sabran, Rozaini Abdullah. (2022). Aflatoxin B1 Reported in Herbal and Traditional Medicine and Its Risk Assessment. <i>Mal J Med Health Sci</i> 18(SUPP5): 30-37.</p> <p>Alia Azwa Abd Rahman, Yu Bin Ho, NorShariza Nordin, Eugenie Sin Sing Tan, Rozaini Abdullah. (2022). Minimally Invasive Sampling Sources for Quality and Quantity of DNA for Telomere Length Measurement: A Review. <i>Mal J Med Health Sci</i> 18(SUPP5): 120-125.</p> <p>Nur Azra. M. Pauzi, Manraj S Cheema, Amin Ismail, Ahmad Rohi Ghazali, Rozaini Abdullah. (2021). Are Genotoxic and Carcinogenic Compounds Present in Malaysian Traditional Medicines and Herbal Supplements? A Review Based on the Malaysian Herbal Monograph. <i>Mal J Med Health Sci</i> 17(SUPP8): 207-222.</p> <p>Pauzi, NAM., Cheema, MS., Ismail, A., Ghazali, AR., and Abdullah, R. (2021). Safety assessment of natural products in Malaysia: current practices, challenges, and new strategies. <i>Reviews on Environmental Health</i>. https://doi.org/10.1515/reveh-2021-0072</p> <p>Abdullah, R. (2020). Malaysia: country report on children's environmental health. <i>Reviews on Environmental Health</i> 35(1):49-52.</p> <p>Abdullah, R., Wesseling, S., Spenkelink, B., Lousse, J., Punt, A., and Rietjens, I.M.C.M. (2020). Defining in vivo dose-response curves for kidney DNA adduct formation of aristolochic acid I in rat, mouse, and human by an in vitro and physiologically based kinetic modeling approach. <i>Journal of Applied Toxicology</i> 40(12): 1647-1660.</p> <p>Nurul Hafizan Azahar, Siti Soleha Ab dullah, Rozaini Abdullah, Norizan Ahmat, Abdah Md Akim, and Hasiah Ab Hamid. (2019). Mutagenic Study of Benzimidazole Analogues with (+S9) and without (-S9) Metabolic Activation. <i>International Journal of</i></p>
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	<p>Molecular Sciences 20(18): 4324.</p> <p>Sarva Mangala Praveena, Seoh Wei Teh, Ranjith Kumar Rajendran, Narayanan Kannan, Chu-Ching Lin, Rozaini Abdullah, and S. Suresh Kumar. (2018) Recent Updates on Phthalate Exposure and Human Health: A Special Focus on Liver Toxicity and Stem Cell Regeneration. Environmental Science and Pollution Research: 1-10.</p> <p>Rozaini Abdullah, Leolean Nyle Diaz, Sebastiaan Wesseling and Ivonne M.C.M. Rietjens. (2017) Risk assessment of plant food supplements and other herbal products containing aristolochic acids using margin of exposure (MOE) approach. Food Additives & Contaminants: Part A 34(2): 135-144.</p> <p>Abdullah, R., Alhusainy, W., Woutersen, J., Rietjens, I.M.C.M., and Punt, A. (2016) Predicting points of departure for risk assessment based on in vitro cytotoxicity data and physiologically based kinetic (PBK) modeling: the case of kidney toxicity induced by aristolochic acid I. Food Chemical and Toxicology 92: 104-116.</p> <p>Abdullah, R., Alhusainy, W., Rietjens, I., and Punt, A. (2015) Prediction of in vivo nephrotoxicity using an in vitro-in silico approach: The case of aristolochic acid I. Toxicology Letters, 238, S94.</p> <p>Ahmad Rohi Ghazali, Rasyidah Mohamad Halim, Nor Fadilah Rajab, Noorain Ramli, Rozaini Abdullah, Firdaus Kamarulzaman & Zaliha Harun. (2013) Gene Mutation Effect of Aqueous and Methanol Extracts of Salted Fish from Pulau Pinang, Malaysia towards V79 Lung Fibroblast Cells. Sains Malaysiana 42 (11):1588-1603.</p> <p>A.R. Ghazali, Y. Sipain, N.F. Rajab, E.L Siew, N. Ramli, R. Abdullah, Z. Harun & F. Kamarulzaman. (2012) Genotoxic Potential of Shrimp Pastes (Belacan) Extracts using umu Test. Journal of Food and Nutrition Science 3: 522-525.</p> <p>Ahmad Rohi Ghazali, Nur Ezzazulianie Abdul Razak, Mohd Sham Othman, Hidayatulfathi Othman, Ismarulyusda Ishak, Syarif Husin Lubis, Nihayah Mohammad, Zariyantey Ab. Hamid, Zaliha Harun, Firdaus Kamarulzaman and Rozaini Abdullah. (2012) Study of Heavy Metal Levels Among Farmers of Muda Agricultural Development Authority (MADA), Malaysia. Journal of Environmental and Public Health 2012.</p> <p>Ghazali, A., Rajab, N., Wen, L., Rahmani, A., Abdullah, R., Ramli, N., Kamarulzaman, F., Harun, Z. & Hasiah, A. (2011) Evaluation of the Biochemical Profile and Biological Activity of Budu (A Local Fermented Fish Product) Extracts on HepG2 Hepatoblastoma Cells. Australian Journal of Basic and Applied Sciences 5(12): 2606-2612.</p> <p>Ghazali, A., Abdullah, R., Ramli, N., Rajab, N., Ahmad-Kamal, M. & Yahya, N. (2011) Mutagenic and antimutagenic activities of Mitragyna speciosa Korth extract using Ames test. Journal of Medicinal Plants Research 5(8): 1345-1348.</p>
<i>Books/Monographs</i>	<p>Integrated strategy for the assessment of kidney toxicity: the case of aristolochic acids (2017) Rozaini Abdullah. DOI: 10.18174/403924. ISBN 9789463430807</p>
<i>Chapter in book</i>	
<i>Proceedings</i>	<p>Rozaini Abdullah. (2023). Risk Assessment of Natural Genotoxic and Carcinogenic Chemicals from Herbal Products and Plant Food Supplements at the 10th International</p>

Congress of Asian Society of Toxicology (ASIATOX-X) in Taiwan from 17-20 July 2023.

Rozaini Abdullah, Nurul Huda Mohd Nor, and Siti Raihanah Shafie (2022). HEART-WORK in Toxicology at the International Putra Innocreative Carnival in Teaching and Learning in Serdang, Selangor from 25-28 October 2022.

Mohamad Pauzi NA and **Abdullah R.** (2022). Presence of Pyrrolizidine Alkaloids in Registered Natural Products in Malaysia at the 4th Malaysian Congress of Toxicology in Pahang, Malaysia from 16-17 November 2022.

Rozaini Abdullah. (2021). Exploring in silico toxicology from a Malaysian's perspective: The journey from Europe to back home at the 11th Cogress of Toxicology in Developing Countries in Kuala Lumpur, Malaysia from 13-16 June 2021.

Ab dullah SS, Sabran MR, Hasiah AH, and **Abdullah R.** (2021). Risk Assessment of Aflatoxin in Herbal Medicines and Plant Food Supplements Marketed in Malaysia at he 11th Cogress of Toxicology in Developing Countries in Kuala Lumpur, Malaysia from 13-16 June 2021.

Mohamad Pauzi NA, **Abdullah R.**, Cheema,MS., Ismail, A., and Ghazali, AR. (2021). The Presence of Genotoxic and Carcinogenic Phytochemicals in Medicinal Plants Based on the Malaysian Herbal Monograph at the 11th Cogress of Toxicology in Developing Countries in Kuala Lumpur, Malaysia from 13-16 June 2021.

Abdullah. R., and Mohd Isa, N.S. 2020. 'Risk Assessment of Estragole in Plant-Based Food Supplements from Malaysia using Margin of Exposure Approach' The Toxicologist: Late-Breaking Supplement, Supplement to Toxicological Sciences, 168 (1), Abstract #3381. In: The Society of Toxicology 59th Annual Meeting, California, the USA.

R. Abdullah., 2019. 'Use of In Vitro and Physiologically Based Kinetic (PBK) Models to Support Human Risk Assessment' at the IUTOX 15th International Congress of Toxicology 2019.

Ab dullah SS, Sabran MR, Hasiah AH, and **Abdullah R.**, 2019. Risk Assessment of Aflatoxin in Plant Food Supplements and Herbal Medicine Products Marketed in Malaysia at Asean Emerging Researchers Conference at Sunway University from 9-10 Dec 2019.

Mohamad Pauzi NA and **Abdullah R.** Naturally Occurring Genotoxic and Carcinogenic Phytochemicals in Herbal Products: A Review on Malaysian Medicinal Plants at Asean Emerging Researchers Conference at Sunway University from 9-10 Dec 2019.

N. H, Azahar, H. Ab Hamid, and **R. Abdullah.**, 2018. The Mutagenic Study of Benzimidazole Analogues: Structure-Activity Relationship (SAR)" at the International Conference on Drug Discovery and Translational Medicine 2018.

R. Abdullah., 2018. 'Use of Physiologically Based Kinetic (PBK) Models to Support Human Risk Assessment' at the ASEAN Emerging Researchers Conference 2018.

Abdullah, R., Wesseling, S., Spengelink, B., Louisse, J. Rietjens, I.M.C.M., 2017. Combining in vitro data and physiologically based kinetic (PBK) modelling to obtain insights in the discrepancy between the relative levels of in vitro and in vivo kidney

	<p>DNA adduct formation by aristolochic acid I and II. In: The Society of Toxicology 56th Annual Meeting.</p> <p>Abdullah, R., Wesseling, S., Spenklink, B., Louisse, J., Punt, A., Rietjens, I.M.C.M., 2016. Prediction of kidney DNA binding using an in vitro-in silico approach: the case of aristolochic acid I. In: Annual meeting of the Dutch Society of Toxicology (NVT).</p> <p>Rozaini Abdullah, Ahmad Rohi Ghazali, Nor Fadilah Rajab & Suzana Shahr. 2012. Risk Assessment of Local Belacan (Shrimp Paste) Intake. QScience Proceeding: Vol 2012 (3). Environmental Mutagen In Human Populations, 69. DOI: 10.5339/qproc.2012.mutagens.3.69. Published online: 21 May 2012.</p> <p>Ahmad Rohi Ghazali, Haslinda Hassan, Nor Fadilah Rajab, Noorain Ramli & Rozaini Abdullah. (2010) Mutagenicity Evaluation of Shrimp Paste Extracts from Melaka using Ames Test. Proceeding of the International Symposium of Health Sciences, Kuala Lumpur.</p>
Other publications	
Computer software	

H. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project)					
Project No.	Project Title	Role	Year	Source of fund	Status
5540103	Development of an Integrated Strategy Using In Vitro-In Silico Methods For Risk Assessment of Natural Food-Borne Genotoxic And Carcinogen	Principal Investigator	2019-2022	Ministry of Higher Education Malaysia	Completed
GP-IPM/2021/9705700	Risk Assessment of Pyrrolizidine Alkaloids from Malaysian Traditional Medicines and Herbal Supplements	Principal Investigator	2021-2023	Universiti Putra Malaysia	On-going
6300351	Pesticide Health Risk Assessment Study Among Agricultural Farmers, and Communities in Malaysia	Co-Investigator	2022-2023	Private	On-going
GP-IPS/2021/9702100	Telomere Measurement and Serum Concentrations of Pesticides among Paddy Farmers and Their Comparative Group (Office workers) in Tanjung Karang, Selangor	Co-Investigator	2021-2024	Universiti Putra Malaysia	On-going