

CURRICULUM VITAE

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ACADEMIC QUALIFICATIONS

Qualification	Awarding Institution, Country	Year
BSc.(Hons.) Resource Biotechnology	Universiti Malaysia Sarawak (UNIMAS)	1997
PhD. (Molecular Taxonomy, Genomics)	Imperial College London, UK	2003

CURRENT PROFESSIONAL MEMBERSHIP

	Name of Professional Body	Post	Year Enrolled
1.	Genetics Society of Malaysia	Ordinary member	2005

CURRENT TEACHING AND ADMINISTRATIVE RESPONSIBILITIES

Name of Course(s) Taught	Administrative Responsibilities
BMS651 BIOINFORMATICS BMS665 BIODIVERSITY & CONSERVATION BMS 541 CELL & MOLECULAR BIOLOGY	COORDINATOR FOR NEW PROGRAM MSc. APPLIED MICROBIOLOGY 2012-present COORDINATOR FINAL YEAR PROJECT 2012-2016

PREVIOUS EMPLOYMENT

No.	Employer	Designation	Duration (Date)
1.	UNIVERSITI MALAYSIA SABAH (UMS)	TUTOR	1998-2003

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2.	UNIVERSITI MALAYSIA SABAH (UMS)	LECTURER	2003-2007
3.	UNIVERSITI MALAYSIA SABAH (UMS)	SENIOR LECTURER	2008
4.	UNIVERSITI MALAYSIA PAHANG (UMP)	SENIOR LECTURER	2008-2010
5.	UNIVERSITI TEKNOLOGI MARA SHAH ALAM	SENIOR LECTURER	2011-PRESENT

RESEARCH AND PUBLICATIONS

No.	Title of Research Project	Source	Begin Year	End Year
1.	Cloning and Sequencing of Some Putative Endogenous Retrovirus from Marine Fish of Sabah, Malaysia	UMS Fundamental Grant RM20,000	2004	2005
2.	Development of Diagnostic Kit for the Detection of Nodavirus in Cultured Stock of Marine Fish	MOSTI BIOTEK RESEARCH GRANT RM590,000	2007	2010
3.	Screening of Local Strains of <i>Aspergillus</i> and <i>Penicillium</i> Genera as an Active Producers of Cholesterol Lowering Agents	UMP Fundamental Grant RM40,000	2009	2010
4.	Biotechnological Productions of Statins by Filamentous Fungi	UMP PRGS Grant RM16,500	2009	2010
5.	Computer Screening of Endogenous Retrovirus from Selected Vertebrate Genome Project Database	UiTM Research Initiative Funding RM32,000	2012	2014
6.	A novel approach of classification of wild banana (musaceae) in Malaysia using DNA barcoding (members)	FRGS RM100,700	2017	2020
7.	Phage-based biocontrol of the phytopathogen <i>dickeya dadanti</i> for an environmentally sustainable pineapple farming	BESTARI RM32,000	2018	2019

No.	Title of Publication	Publisher	Year
1.	Omang, S.A.K., Moh, P.Y., Haji, M., Kambol, R. , Sulaiman, J. 2008. Panduan Keselamatan Makmal. Sekolah Sains dan	UMS Press	2008

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	Teknologi, Universiti Malaysia Sabah..ISBN 983264395-3.		
2.	Kambol, R and Abtholudin, M.F. 2008. Genome Structure and Characterisation of an Endogenous Retrovirus from the Zebrafish Genome Project Database In Elloumi et al., (Eds.) BIRD 2008. CCIS 13. Pp. 392-403. Springer Verlag Berlin Heidelberg. ISBN 9783540 705987.	Springer Verlag, Berlin, Germany	2008

No.	Title of Publication	Journal	Year
1.	Complete Nucleotide Sequence of an Endogenous Retrovirus from the Amphibian, <i>Xenopus leavis</i>	Virology	2003
2.	Endogenous Retrovirus Possesses a Relatively Complex Retrovirus Genome	Borneo Science	2005
3.	Genome Structure and Characterisation of an Endogenous Retrovirus from the Zebrafish Genome Project Database	Comm. In Computer and Information Science	2008
4.	Natural Statins Production by Filamentous Fungi of the Genus <i>Penicillium</i> Isolated from Local Soil Samples	Malay J Pharma Sci,	2010
5.	<i>In Silico</i> Analysis of Essential Tricarboxylic Acid Cycle Enzymes from Biofilm-forming Bacteria.	Trends in Bioinformatics. 7 (1): 19-26.	2014
6	Chromosome Karyotype Analysis of Cultivate Somatic Cells of Ganjia Sheep.	Science Letters,	2017
7	In Silico characterization of Type B Endogenous retrovirus from Malayan Fruit bats, <i>Pteropus Vampyrus</i>	Submitted for publication	2018

No.	Title of Publication	Conferences Proceeding	Year
1.	The Diversity and Distribution of Piscine Endogenous Retroviruses in Piscine Hosts	Proc. Of the Genomes to Systems Conference. Manchester, United Kingdom	2006
2.	Cytogenetic and Molecular Approaches of Detecting Fragile-X Syndrome.	Proc. Of 6 th . Annual Seminar of Science and Technology, Tawau, Sabah	2007
3.	Purification of Novel Enzymes fom Newly Isolated	Nat. Conferences on	2009

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	Indigenous Soil Bacterial	Postgraduate Research 2009, UMP, Pahang	
4.	Screening of Statins Production by <i>Penicillium</i> species isolated from Uzbek Soils.	Proc. Of the Int. Conf. New Life Sciences: Future Prospects.Biovision Alexandria, Egypt.	2010
5.	Morphological Characterisation of <i>Penicillium</i> Isolates from Soils of Pahang State	UMS Biotechnology Symposium IV. Harnessing Biological Resources through Biotechnology. Sabah	2010
6.	Estimation of Natural Statins Production by Filamentous Fungi of <i>Penicillium</i> genus.	Proc. Of Int. Conf. on Natural Products. From Nature to Medicine through Sustainable Education, R&D and Practice. USM, Penang	2010
7.	Computer Based Characterisation of <i>Pteropus vampyrus</i> Endogenous Betaretrovirus from Bat Genome Project Database.	Poster Presentation at 20 th Scientific Meeting, Malaysian Society for Molecular Biology and Biotechnology. University Of Malaya, Kuala Lumpur. 26 th - 27 th June 2013	2013
8	Full-Length Sequence Characterisation of <i>Pteropus vampyrus</i> Endogenous Betaretrovirus using Bioinformatics Tools.	Proc. Of IEEE Symposium Computer Application and Industrial Electronics (ISCAIE). Penang, 7 th - 8 th April 2014.	2014

No.	Digital Data	Year
1.	Tristem, M and Kambol, R. 2003. Complete nucleotide sequence of an endogenous retrovirus from anuran, <i>Xenopus laevis</i>, Xen1 . Direct Submission. Database: RefSeq Entry: NC_010955 LinkDB: NC_010955 Original site: NC_010955. Size: 10.3 Kb.	2003
2.	Kambol, R and Razlan N.F.A. 2015. Cavia porcellus endogenous virus CpEB1409 protease and reverse transcriptase genes ,	2015

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	partial cds . Direct Submission. Accession No: KP203851. Genbank: KP: KP203851.1. Size. 954bp.	
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UNDERGRADUATE SUPERVISION

No.	Students Name	Status (Completed/On-going)	Year
1.	32 final year project student in Bioinformatics of endogenous retrovirus (UMS)	Completed	2004-2008
2.	16 final year project students in molecular biology of endogenous retrovirus (UMS)	Completed	2003-2008
3.	8 final year project students in Karyotyping study of bulls and fish (UMS)	Completed	2003-2008
4.	4 final year project student in Karyotyping study of some genetic disease in human (UMS)	Completed	2006-2007
5.	2 final year project student in histopathological and morphological studies of Nodavirus in Fish (UMS)	Completed	2006-2007
6.	6 final year project student in bioinformatics of endogenous retrovirus (UiTM)	Completed	2011-2015
7.	9 final year project students in molecular biology of endogenous retrovirus (UiTM)	Completed	2012-2016
8.	12 final year project students in molecular biology of endogenous retrovirus (UiTM)	Completed	2015-2018
9.	10 final year project student in molecular biology of Dengue virus type I-IV (Flavivirus)	Completed	2016-2018
10	1 final year project student in molecular biology and bacterial disease of redclaw crayfish (freshwater lobster) in Malaysia	Ongoing	2018

POST-GRADUATE SUPERVISION

No.	Students Name	MSc./PhD	Year Enrolled	Year End
1.	Mohd. Addin Aazif Mokhtar (Co-supervisor)	MSc (Biotechnology)	2007	2009
2.	Julian Rangsangan (Co-supervisor)	PhD (Biotechnology)	2007	2010
3.	Emine Seydametova (Co-Supervison)	PhD (Biotechnology)	2009	2012
4.	Liu Meng	MSc	2009	2011

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	(Main-supervisor)	(Biotechnology)		
5.	Nur Fatin Aman Razlan Mahandran (Main-supervisor)	MSc (Applied Biology)	2012	2017

OTHERS/ WORKSHOP

No.	Name of workshop	Year
1.	UK-Malaysia Aquaculture Workshop Initiative. Committee Member. Agrobiotechnology Institute, Serdang, Malaysia. 24 – 25 Mac, 2014.	2014
2.	Trans-Eurasia Information Network Generation Four (TEIN4) Workshop. Participant. PERDANA University, Serdang, Malaysia. 2 – 4 Dec, 2014	2014
3.	Reviewer bagi Track Biologi untuk International Conference on Applied Sciences & Industrial Technology 2015 - Biology & Life Sciences Symposium, Faculty of Applied Sciences, UiTM Shah Alam.	2014
4.	Members of Inisiatif Penyelidikan (RIG) Entiti Kecemerlangan TIER 5 UiTM- Microbial Resources and Sustainable Development	2014-present
5	Felo Penyelidik di Institut Farmakogenomiks Integratif UiTM Puncak Alam, Selangor	2016-2018

OTHERS

Other Relevant Information	<p>Served as a readers for the below jurnal</p> <ul style="list-style-type: none"> • Borneo Science (UMS) • Science Letters (UiTM) • Jurnal of Bioscience (USM) • Malaysian Applied Biology <p>1. Served as an internal examiner for several M.Sc. (15) and Ph.D. theses (2) at UMS, UMP and UiTM</p> <p>2. Served as panel examiner during MSc. And Phd. Viva voce session (7)</p>
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	3. Served as an examiner of Final year research projects, Faculty of Applied Science, UiTM, 2012- to present.
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