

PROFILE		
1	NAME	ZOLKAPLI ESHAK
2	ACADEMIC POSITION	SENIOR LECTURER
3	STATUS OF APPOINTMENT	PERMANENT
4	CITIZENSHIP	MALAYSIAN
5	EDUCATION	PhD (Molecular Medicine), UPM – 2011; Master of Science (Microscopy and Microanalysis), UPM – 2006; Bachelor of Science (Hons) (Biomedical Sciences), UPM – 2001.
6	WORKING EXPERIENCE	<ul style="list-style-type: none"> • Research Officer (Q41), Pusat Penyelidikan Teknologi Makanan, Mardi, Serdang. 2008-2009 • Research Officer (Q41), Institute Pharmaceutical Malaysia, MOSTI, Pulau Pinang. Jan 2010-May 2010 • Senior Lecturer (DM52) Faculty of Pharmacy, Universiti Teknologi MARA, Puncak Alam, June 2010 – present
7	CURRENT ACADEMIC RESPONSIBILITIES	<ul style="list-style-type: none"> • PHC527: Toxicology (Tutorial) • PHC427: Research 1 (Lecture) • Coordinator for PHC473 (Tutorial)
8	RESEARCH INTERESTS/ PROJECTS	<ul style="list-style-type: none"> • Honey and other natural products • Cell signalling
9	PUBLICATIONS	<p>Journal article</p> <ol style="list-style-type: none"> 1. Mimi Sophia Binti Sarbandi, Zolkapli Bin Eshak, Nor Shahida Binti Abdul Rahman, Abu Thalhah Bin Haji Abdul Aziz, Mohd Hamim Rajikin, Nooraain Bt Hashim, Zatul Akmar Binti Ahmad, Nor Ashikin Bt Mohamed Noor Khan. Palm Tocotrienol-Rich-Fraction Yields Higher Numbers of Normal Embryos Whereas Alpha-Tocopherol Produces Higher Preimplantation Survival in Murine Embryos. Malaysian Journal of Fundamental and Applied Sciences (MJFAS). 2018; 14(3):407-410 DOI: https://doi.org/10.11113/mjfas.v14n3.1129 2. Hamizah Shamsudeen, Tan Huey Ling, Zolkapli Bin Eshak. Effects of Amino Acid Sequence and Anions on Nanofiber Formation of beta-Sheet Propensity Amphiphile Peptide. IOP Conf. Ser.:

Mater. Sci. Eng. 2018. 358; pp1-5. DOI: 10.1088/1757-899X/358/1/012061

3. Yakop F, Abd Ghafar Sa, Yong Yk, Saiful Yazan L, Mohamad Hanafiah R, Lim V, Zolkapli Bin Eshak. Silver nanoparticles *Clinacanthus Nutans* leaves extract induced apoptosis towards oral squamous cell carcinoma cell lines. *Artificial Cells, Nanomedicine, and Biotechnology*, 2018. Taylor and Francis, VOL. 46, NO. S2, S131–S139. DOI: 10.1080/21691401.2018.1452750

Conference paper

Published paper:

1. Mimi Sophia Binti Sarbandi, Zolkapli Bin Eshak, Nor Shahida Binti Abdul Rahman, Abu Thalhan Bin Haji Abdul Aziz, Mohd Hamim Bin Rajikin, Nooraain Bt Hashim, Razif Bin Dasiman, Nor Ashikin Bt Mohamed Noor Khan. Vitrification Of Murine Embryos From Females Supplemented With Palm Tocotrienol-Rich-Fraction. *International Conference of Molecular Medicine in Nutrition, Health and Disease*, 2018. Concorde Hotel, Shah Alam. S12.
2. Suhana Samat, Francis Kanyan Enchang, Zolkapli Eshak, Wan Iryani Wan Ismail. Honey Supplementation Ameliorates Adipocytokines And Hepatotoxicity Induced By High Fat Diet On Male Rats. *The International Digestive Disease Forum (IDDF) 2018*. 8-9 June 2018, Hong Kong. BMJ 297-298.
3. Nor Ashikin Bt Mohamed Noor Khan, Mimi Sophia Binti Sarbandi, Nor Shahida Binti Abdul Rahman, Zolkapli Bin Eshak, Mohd Hamim Bin Rajikin, Nooraain Bt Hashim. Alpha Tocopherol Improves Mitochondrial Ultrastructure And Preimplantation Development Of Murine Embryos. *International Conference Of Molecular Medicine In Nutrition, Health And Disease*, 2018. Concorde Hotel, Shah Alam.

Dissertation and master thesis

1. Qamarul Hafiz Zainol Abidin. Anti Stress-Depression effects Of Acacia Honey On Chronic Unpredictable Mild Stress Rats. 2017, UiTM.
2. Nur Amirah Mohd Nor. In-Vitro Toxicity Evaluation Of Bismuth (III) Oxide Particles Synthesized Using Different Reaction Temperatures As Promising Radiographic Contrast Media. 2019, UiTM.

10	RESEARCH GRANTS	<ol style="list-style-type: none"> 1. Antioxidant And Physicochemical Properties Of Malaysian Propolis: Heterotrigonaitama And Geniotrigonathoracica. GIP. 01 April 2019 -31 Mac 2020. Rm 25,000.00. Principal Investigator. 2. Quantitative Invivo And Invitro Immunohistochemical Study Of Neural Cell Signalling. Bestari. 01 Jan 2018 – 31 Jan 2019. RM 226,000.00. Principal Investigator. 3. Mechanism Of Neurotransmitter Peptide Signalling Of Acacia Honey In Ameliorating Stress Disorder Through Gut-Brain Axis. 18 August 2019 – 14 August 2020. RM 117,872.00. Principal Investigator. 4. Penyelidikan Produk Nilai Ditambah Tinggi Daripada Sumber Rumpai Laut Tempatan, Akuakultur Dan Pertanian Mardi. 01 April 2016 – 31 Disember 2019. RM 108,780.13. Principal Investigator.
11	AWARDS	<ol style="list-style-type: none"> 1. Bronze, I-Green Jelly, IIDEX UiTM. 2018 . 2. Bronze, e-Image, Pharm IDEX, UiTM, 2017. 3. Gold, PEOC-Multichannel Fluorescence Staining: A novel method to study organelles and cytoskeleton of preimplantation embryos in assisted reproductive technology (ART), International Conference on Clinical and Health Sciences, 2017.
12	INVOLVEMENT IN PROFESSIONAL ORGANISATIONS	<ul style="list-style-type: none"> • Committee Member, Microscopy Society of Malaysia (MSM) (2002-present)
13	PARTICIPATION IN CONTINUING EDUCATION	<p><u>Conferences:</u></p> <ol style="list-style-type: none"> 1. Presenter, International Conference On Personalized Medicine, The Chinese University Of Hong Kong, 2009, Kelantan, Malaysia <p><u>Courses:</u></p> <ol style="list-style-type: none"> 1. Stable Micro Systems Texture Analyser Advance Seminar, 2019, Makmal Nutraceutical & Cosmeceutical Research, Faculty Of Pharmacy, Uitm Puncak Alam. 2. Demonstrasi Inverted Microscope Jenama Nikon Oleh Microlambda Sdn Bhd, Tissue Culture Lab, Faculty Of Pharmacy, UiTM Puncak Alam 2019 3. Demonstrasi Inverted Microscope Jenama Olympus Oleh Matric Optics, Tissue Culture Lab, Faculty Of Pharmacy, UiTM Puncak Alam 2019

		<p>4. Demonstrasi Inverted Microscope Jenama Leica Oleh HistoCenter, Tissue Culture Lab, Faculty Of Pharmacy,UiTM Puncak Alam 2019</p> <p>5. Cryostat Training, Imaging Center, Faculty Of Pharmacy,UiTM Puncak Alam 2019</p>
14	COMMUNITY SERVICES	<ul style="list-style-type: none"> • Program AKRAB, UiTM Puncak Alam, 2017-present, UiTM