

# CURRICULUM VITAE



## A. PERSONAL DETAILS

<b>Full Name</b>	<b>ALIAH ZANNIERAH BINTI MOHSIN</b>
<b>Nationality</b>	Malaysian
<b>Address</b>	2-4-9, Blok Anggerik, Taman Desaminium Flora, 43300 Seri Kembangan, Selangor, Malaysia
<b>Email</b>	aliah_mohsin@upm.edu.my

## B. ACADEMIC QUALIFICATION

<b>Qualification</b>	<b>Institution</b>	<b>Year</b>	<b>Achievement</b>
Doctoral of Philosophy (Food Safety)	Universiti Putra Malaysia (UPM)	2021	Pass with Minor Correction
Master of Science (Food Biotechnology)	University of Leeds, UK	2014	Pass with Distinction
Bachelor of Science (Biotechnology)	International Islamic University Malaysia (IIUM)	2013	CGPA 3.62
Sijil Pelajaran Malaysia	MRSM Batu Pahat	2005	6A 4B

## C. HONOURS AND AWARDS

<b>Types of Awards</b>	<b>Awarded Bodies</b>	<b>Year</b>
Best Poster Presenter	4 <sup>th</sup> Asian-Australian Dairy Goat Conference, Vietnam	2018
Distinction Award	University of Leeds	2013
Rector List Award	International Islamic University Malaysia	2012

## D. LANGUAGE PROFICIENCY

<b>Language</b>	<b>Poor (1)</b>	<b>Moderate (2)</b>	<b>Good (3)</b>	<b>Very good (4)</b>	<b>Excellent (5)</b>
English			/		
Malay					/

***International English Language Testing System (IELTS), British Council***

<b>Year</b>	<b>Score</b>
2014	Band 6.5

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**E. SCIENTIFIC AFFILIATION**

Organization	Position	Start date	End Date	Membership Number
Nutrition Society of Malaysia	Ordinary Member	2021	2022	O2701
Malaysian Institute of Food Technology (MIFT)	Graduate Member	2021	2022	G 01492
Food Safety Research Centre, UPM	Graduate Member	2021	-	-
Leeds University Alumni	Graduate Member	2014	-	-

**F. EMPLOYMENT**

Employer	Designation	Start Date	End Date
Universiti Putra Malaysia	Lecturer	2022	Current
Proofreaders United	Proofreader/ Editor/ Reference Checker	2015	2021
Federal Flour Mill Pulau Indah Sdn. Bhd.	Food Technologist	Jan 2013	Aug 2013
Malaysian Cocoa Board	Undergraduate Student Placement	March 2011	June 2011
Student Smart Learning and Research Training Unit, IIUM	Biochemistry tutor	2010	2011

**G. PUBLISHING ID**

Database	ID	No. of Citation	h-index
Scopus	Mohsin, A.Z.	10	1
ResearchGate	<a href="https://www.researchgate.net/profile/Aliah_Mohsin2">https://www.researchgate.net/profile/Aliah_Mohsin2</a>	10	1
Google Scholar	Aliah Mohsin	10	1
ORCID	<a href="https://orcid.org/0000-0002-6719-1441">https://orcid.org/0000-0002-6719-1441</a>	-	-

## H. RESEARCH PUBLICATIONS

No.	Journal Article	JCR/Scopus
1.	Shonnia S., <b>Mohsin, A.Z.</b> , Sukor, R., Selamat, J. (2021) Quantitative determination of $\alpha$ 1-casein in goat's milk using reversed-phase high performance liquid chromatography (RP-HPLC). <i>Accepted for publication</i> .	SCOPUS
2.	Mustafa, R. R., Sukor, R., Mohd-Nor, S. M., Saari, N., Mustaffa-Kamal, F., <b>Mohsin, A. Z.</b> (2021) Enhancement of binding affinity of anti- hapten polyclonal IgG recognizing mitragynine using affinity purification. <i>Pertanika Journal of Science &amp; Technology</i>	SCOPUS
3.	<b>Mohsin, A. Z.</b> , Sukor, R., Mustapha-Kamil, Y., Shatar, L., Selamat, J., Hussin, A. S. M., Ismail, I. H., Jambari, M. A. Mahdi. (2020). Sensitive detection of goat $\alpha$ S1-casein using tapered optical fiber sensor. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> . 10.1109/JSTQE.2020.3045131.	Q1
4.	<b>Mohsin, A. Z.</b> , Sukor, R., Selamat, J., Hussin, A. S. M., Ismail, I. H., Jambari, N. N., & Jonet, A. (2020). A highly selective two-way purification method using liquid chromatography for isolating $\alpha$ S2-casein from goat milk of five different breeds. <i>Journal of Chromatography B</i> , 122380. 10.1016/j.jchromb.2020.122380	Q2
5.	<b>Mohsin, A. Z.</b> , Sukor, R., Selamat, J., Meor Hussin, A. S., Ismail, I. H., Jambari, N. N., & Mustaffa-Kamal, F. (2020). Generation of High Affinity Anti-Peptide Polyclonal Antibodies Recognizing Goat $\alpha$ 1-casein. <i>Molecules</i> , 25(11), 2622. 10.3390/molecules25112622	Q2
6.	<b>Mohsin, A. Z.</b> , Sukor, R., Selamat, J., Hussin, A. S. M., & Ismail, I. H. (2019). Chemical and mineral composition of raw goat milk as affected by breed varieties available in Malaysia. <i>International Journal of Food Properties</i> , 22(1), 815-824. 10.1080/10942912.2019.1610431	Q2
7.	<b>Mohsin, A. Z.</b> , Sukor, R., Selamat, J., Meor Hussin, A. S., Ismail, I. H., Jambari, N. N., & Mustaffa-Kamal, F. (2018). Purification of anti-peptide rabbit polyclonal antibody raised against $\alpha$ 1-casein from goat's milk. Proceedings of the 4th Asian-Australian Dairy Goat Conference, Ho Chi Minh. ISBN: 978-604-60-5807-9	-
9.	<b>Mohsin, A.Z.</b> , Sukor, R. Alergi Makanan boleh Mengundang Maut - Dewan Masyarakat (November 2016)	-
No.	Oral Presentation	Year
1.	<b>Mohsin, A. Z.</b> , Sukor, R., Mustapha-Kamil, Y., Shatar, L., Selamat, J., Hussin, A. S. M., Ismail, I. H., Jambari, M. A. Mahdi. Application of anti-peptide antibodies on tapered optical fiber sensor. 4 <sup>th</sup> International Conference on Molecular Diagnostics & Biomarker Discovery Antibody Technology, Bayan Lepas, Penang	25-26 September 2019
2.	<b>Mohsin, A. Z.</b> , Sukor, R., Selamat, J., Hussin, A. S. M., Ismail, I. H., Jambari, N. N., & Jonet, A. Identification of $\alpha$ 1-casein in goat's milk from five different breeds using LCMS/MS. 2 <sup>nd</sup> International Food Research Conference, The Everly, Putrajaya	27-29 August, 2019

3. **Mohsin, A. Z.**, Sukor, R., Selamat, J., Hussin, A. S. M., Ismail, I. H., Jambari, N. N., & Jonet, A. Identification of  $\alpha_1$ -casein in goat's milk from five different breeds using LCMS/MS. Malaysia Research University Network-Kasetsart University Post Graduate Colloquium and Research Forum 2019, Serdang, Malaysia 13 August 2019
4. **Mohsin, A. Z.**, Sukor, R., Selamat, J., Hussin, A. S. M., & Ismail, I. H. Comparative evaluation of allergic sensitization to goat milk protein hydrolysate produced by the Anglo Nubian and Saanen breeds in mice model. Postgraduate Seminar, Serdang, Malaysia 24 May 2016

No.	Poster Presentation	Year
1.	<b>Mohsin, A. Z.</b> , Sukor, R., Selamat, J., Meor Hussin, A. S., Ismail, I. H., Jambari, N. N., & Mustaffa-Kamal, F. Purification of anti-peptide rabbit polyclonal antibody raised against $\alpha_{s1}$ -casein from goat's milk. 4 <sup>th</sup> Asian-Australian Dairy Goat Conference, Ho Chi Minh, Vietnam	17-19 October 2018
2.	<b>Mohsin, A. Z.</b> , Sukor, R., Selamat, J., Hussin, A. S. M., & Ismail, I. H. Protein content and amino acid composition of goat's milk from six different breeds. International Food Research Conference, Serdang, Malaysia.	25-27 July 2017

#### I. PAST RESEARCH PROJECTS

Project	Project Title	Role	Year	Status
Ph.D. dissertation	Development of ELISA for quantification of $\alpha_1$ -casein in goat milk and its application on tapered optical fiber biosensor			Completed
M.Sc. dissertation	The Labelled Affective Magnitude (LAM) Scale: A Rasch analysis of the number and position of scale categories			Completed
B.Sc. dissertation	Antiarthritic effect of oil extract from Malaysian <i>Pangasius sutchi</i> catfish on adjuvant-induced arthritis in rats.			Completed
Geran Putra (Universiti Putra Malaysia)	Exploring potential of hypoallergenic peptides of goat's milk-derived $\alpha_1$ -casein for reduction of allergen-specific serum binding	Enumerator	Dec 2020- Nov 2022	Ongoing
TRGS (Ministry of Education Malaysia)	Safety evaluation and quality assurance of goat's milk from different feeding strategies	Special Graduate Research Assistant	Dec 2016- Nov 2019	Completed
Geran Putra (Universiti Putra Malaysia)	Production of polyclonal antibodies for the sensitive and selective detection of $\alpha_{s1}$ -casein in goat milk	Special Graduate Research Assistant	Dec 2016- Nov 2018	Completed

J. TEACHING EXPERIENCE			
	Project Title	Number of students	Institution
Undergraduate	Introduction to Food Chemistry	46	UPM

K. TRAINING EXPERIENCE		
Title	Organizer	Year
Gas Chromatography in Food Analysis	Agilent Technologies Malaysia	2019
Journal Writing Workshop	Universiti Putra Malaysia	2018
2D High-Throughput Immunoblotting Workshop	Agro-Biotechnology Institute Malaysia	2018
ELISA Hands-On Workshop	Universiti Malaya	2017
Responsible Care and Use of Laboratory Animal Course (RCULAC)	Universiti Malaya	2016
Bengkel Sehari Penulisan Pantas dan Pengurusan Artikel Mendeley	MPWS Rich Resources	2015

L. REFEREES		
No.	Name / Role	Contact
1.	Dr.Rashidah Sukor/ Head of Department/ Main Ph.D. supervisor	Department of Food Science, Faculty of Food Science and Technology, Universiti Putra Malaysia. Email: <a href="mailto:rashidah@upm.edu.my">rashidah@upm.edu.my</a>
2.	Assoc. Prof. Dr. Anis Shobirin Meor Hussin Dean of Faculty of Food Science and Technology, UPM / Co-supervisor for Ph.D.	Department of Food Technology, Faculty of Food Science and Technology, Universiti Putra Malaysia Email: <a href="mailto:shobirin@upm.edu.my">shobirin@upm.edu.my</a>
3.	Dr. Anuar Jonet Scientist/ Collaborator for Ph.D. project	Structural and Applied Genomics Centre, Malaysian Genome Institute National Institute Biotechnology Malaysia. Email: <a href="mailto:anuarjonet@nibm.my">anuarjonet@nibm.my</a>