CURRICULUM VITAE

A. BUTIR-BUTIR PERIBADI ***(Personal Details)***			
Nama Penuh *(Full Name)*	NUZUL NOORAHYA BINTI JAMBARI		Gelaran *(Title): DR.*
No. MyKad / No. Pasport *(Mykad No. / Passport No.)* 860526-43-****	Warganegara *(Citizenship)* *MALAYSIA*	Bangsa *(Race)* *MALAY*	Jantina *(Gender)* *FEMALE*
Jawatan *(Designation)*	SENIOR LECTURER	Tarikh Lahir *(Date of Birth)*	26 MAY 1986

Alamat Semasa *(Current Address)*	Jabatan/Fakulti *(Department/Faculty)*	E-mel dan URL *(E-mail Address and URL)*
Bandar Baru Bangi, Selangor Tel: -	Department of Food Science, Faculty of Food Science and Technology, Universiti Putra Malaysia, 43000 UPM Serdang, Selangor Tel: +603 – 8946 8256 Fax: +603 – 8942 3552	E-mail: noorahya@upm.edu.my URL: - H/P: -

B. KELAYAKAN AKADEMIK ***(Academic Qualification)***			
Nama Sijil / Kelayakan *(Certificate / Qualification obtained)*	Nama Sekolah Institusi *(Name of School / Institution)*	Tahun *(Year obtained)*	Bidang pengkhususan *(Area of Specialization)*
Doctor of Philosophy	University of Nottingham	2015	Food Allergy and Immunology
Bachelor of Applied Science (Hons)	University of Otago	2008	Molecular Biotechnology

C. KEMAHIRAN BAHASA *(Language Proficiency)*					
Bahasa / *Language*	Lemah *Poor (1)*	Sederhana *Moderate (2)*	Baik *Good (3)*	Amat Baik *Very good (4)*	Cemerlang *Excellent (5)*
English					*X*
Bahasa Melayu					X
Chinese					
Lain-lain *(other):*					

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN
(Scientific experience and Specialisation)

Organization	*Position*	*Start Date*	*End Date*	*Expertise*
Institute of Tropical Agriculture and Food Security (ITAFOS), UPM	Research Associate	Jan, 2017	Now	Food Safety (Food Allergy)
European Academy of Allergy and Clinical Immunology (EAACI)	Junior Member	Jan, 2019	Now	Food Allergy
Malaysian Society of Allergy and Immunology (MSAI)	Ordinary Member	Jan, 2017	Now	Food Allergy
Food Safety Research Centre (FOSREC), FSTM, UPM	Researcher	Dec, 2015	Dec, 2016	Food Safety (Food Allergy)

E. PEKERJAAN *(Employment)*

Majikan / *Employer*	Jawatan / *Designation*	Jabatan / *Department*	Tarikh lantikan / *Start Date*	Tarikh tamat / *Date Ended*
UPM	Senior Lecturer (DS51)	Department of Food Science, Faculty of Food Science and Technology	Oct, 2015	Now
UPM	Tutor (DA41)	Department of Food Science, Faculty of Food Science and Technology	Jul, 2010	Oct, 2015
UPM	Research Assistant	Laboratory of Cell Biology, Department of Biomedical Sciences, Faculty of Medicine and Health Sciences (Supervisor:	Aug, 2009	Jul, 2010
University of Otago	Summer Research Intern	Ronson Lab, Department of Microbiology and Immunology (Supervisor: Prof. Dr. Clive W. Ronson, Dr. John T. Sullivan)	Nov, 2008	Mar, 2009

F. ANUGERAH DAN HADIAH *(Honours and Awards)*

Name of awards	*Title*	*Award Authority*	*Award Type*	*Year*
Academic Awards	Otago School of Medical Sciences Summer Research Scholarship	University of Otago	International	2008-2009
Non-Academic Awards				
Awards of Merit				

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	Tan, C.K., Selamat, J., **Jambari, N.N.**, Sukor, R., Murugesu, S., Khatib, A (2021). Muscle and serum metabolomics for different chicken breeds under commercial conditions by GC–MS. Foods. 10(9), 2174 **Jambari, N.N.**, Liddell, S., Martinez-Pomares, L., Alcocer, M.J.C. (2021). Effect of O-linked glycosylation on the antigenicity, cellular uptake and trafficking in dendritic cells of recombinant Ber e 1. *Plos One.* 16 (4), e0249876 Al-Obaidi, J. R., **Jambari, N.N.,** Ahmad-Kamil, E.I. (2021). Mycopharmaceutical and neutraceuticals: Promising Agents to improve human well-being and life quality. *Journal of Fungi*, 7(7), 503. Al-Obaidi, J.R., Alobaidi, K.H., Al-Taie, B.S., Wee, D.H.S, Hussain, H., **Jambari, N.N.** et al., (2021). Uncovering Prospective Role and Applications of Existing and New Nutraceuticals from Bacterial, Fungal, Algal and Cyanobacterial, and Plant Sources, Sustainability, 13 (7), 3671. Mohsin A.Z., Sukor R., Selamat J., Meor Hussin A.S., Ismail I.H., **Jambari N.N.**, Jonet A. (2020). A highly selective two-way purification method using liquid chromatography for isolating αS2-casein from goat milk of five different breeds. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*. 1160. Doi:10.1016/j.jchromb.2020.122380 Shamsudin S., Selamat J., Sanny M., **Jambari N.N.**, Sukor R., Praveena S.M., Khatib A. (2020) The inhibitory effects of heterotrigona itama honey marinades on the formation of carcinogenic heterocyclic amines in Grilled beef satay. *Molecule*s. **25** (17). 25173874. Doi: 10.3390/molecules25173874 Mohsin A.Z., 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 αs1- Casein. *Molecules*. **25** (11). Doi: 10.3390/molecules25112622 Mansor M., Al-Obaidi J.R., Jaafar N.N., Ismail I.H., Zakaria A.F., Abidin M.A.Z., Selamat J., Selamat J., Radu S., **Jambari N.N.**, (2020). Optimization of protein extraction method for 2DE proteomics of goat's milk. *Molecules*. **25** (11). 2625. Doi: 10.3390/molecules25112625 Nor Hasyimah A.K., Jinap S., Sanny M., Ainaatul A.I., Sukor R., **Jambari N.N.**, Nordin N., Jahurul M.H.A. (2020). Effects of Honey-Spices Marination on Polycyclic Aromatic Hydrocarbons and Heterocyclic Amines Formation in Gas-Grilled Beef Satay. *Polycyclic Aromatic Compounds*. Doi:10.1080/10406638.2020.1802302 Ruby G.E., Ungku Zainal Abidin U.F., Lihan S., **Jambari N.N.**, Radu S. (2019). Predicting intention on safe food handling among adult consumers: A cross sectional study in Sibu district, Malaysia. *Food Control*. **106**. 106696. Doi: 10.1016/j.foodcont.2019.06.022 Ishak A.A., Selamat J., Sulaiman R., Sukor R., Abdulmalek E., **Jambari N.N.** (20219). Effect of different amino acids and heating conditions on the formation of 2-Amino-1-methyl-6- phenylimidazo[4,5-b]pyridine (PhIP) and its kinetics formation using chemical model system. *Molecules.* **24**(21). 3828. Doi: 10.3390/molecules24213828 Azri F.A., Selamat J., Sukor R., Yusof N.A., Raston N.H.A., Nordin N., **Jambari N.N.** (2019) *Etlingera elatior*-mediated synthesis of gold nanoparticles and their application as electrochemical current enhancer. *Molecules*. 24(17). 3141. Doi: 10.3390/molecules24173141 Ruby G.E., Ungku Zainal Abidin U.F., Lihan S., **Jambari N.N.**, Radu S. (2019). A cross

	sectional study on food safety knowledge among adult consumers. *Food Control*. **99**:98-105. Doi: 10.1016/j.foodcont.2018.12.045 Shamsudin S., Selamat J., Sanny M., Shamsul Bahari A.R., **Jambari N.N.**, Khatib A. A. (2019). Comparative characterization of physicochemical and antioxidants properties of processed *Heterotrigona itama* honey from different origins and classification by chemometrics analysis. *Molecules*. 24(21). 3898. Doi: 10.3390/molecules24213898 Salleh N.A., Selamat J., Meng G.Y., Abas F., **Jambari N.N.**, Khatib A. (2019). Fourier transform infrared spectroscopy and multivariate analysis of milk from different goat breeds. *International Journal of Food Properties*. **22**(1): 1673-1683. Doi: 10.1080/10942912.2019.1668803 Ismail N., **Jambari N.N.**, Tham C.L., Harith H.H., Shaari K., Israf D.A. (2019). 2,4,6,-trihydroxy-3- geranylacetophenone (tHGA) Suppresses Chronic Allergic Airway Inflammation in Ovalbumin- Sensitized Mice via Intraperitoneal Route. *Malaysian Journal of Medicine and Health Sciences*. **15**: 2-9 Shamsudin S., Selamat J., Sanny M., Abd. Razak S.-B., **Jambari N.N.**, Mian Z., Khatib A. (2019). Influence of origins and bee species on physicochemical, antioxidant properties and botanical discrimination of stingless bee honey. *International Journal of Food Properties*. **22** (1): 238-263 Ling S., Noramirah R., Abidatul A.A., Nurfarhanah N.M.J., Noor-Azira A.M., **Jambari N.N.**, Ungku Fatimah U.Z.A., New C.Y., Son R. (2018). Simultaneous multiplex polymerase chain reaction detection of *Salmonella* spp., *Escherichia coli* O157, *Vibrio parahaemolyticus, Vibrio cholerae, Listeria monocytogenes* and *Campylobacter* spp. *Food Research*. **2** (3): 240-246. Doi:10.26656/fr.2017.2(3).002 Premarathne J.M.K.J.K., Anuar A.S., Thung T.Y., Satharasinghe D.A., **Jambari N.N.**, Abdul- Mutalib N.-A., Yew Huat J.T., Basri D.F., Rukayadi Y., Nakaguchi Y., Nishibuchi M., Radu S. (2017). Prevalence and Antibiotic Resistance against Tetracycline in *Campylobacter jejuni* and *C. coli* in Cattle and Beef Meat from Selangor, Malaysia. *Frontiers in Microbiology*. **8.** Doi: 10.3389/fmicb.2017.02254 Marti E., Wang X., **Jambari N.N.**, Rhyner C., Olzhausen J., Pérez-Barea J.J., Figueredo G.P., Alcocer M.J.C. (2015). Novel *in vitro* diagnosis of equine allergies using a protein array and mathematical modelling approach: A proof of concept using insect bite hypersensitivity. *Veterinary Immunology and Immunopathology*. 167: 171-177. Doi: 10.1016/j.vetimm.2015.06.013
Books/Monographs	-
Chapter in book	**Jambari N.N.,** Wang X.W., Alcocer M. (2017). Protein microarray-based IgE immunoassay for allergy diagnosis. *Methods in Molecular Biology*. **1592**: 129-137. Doi: 10.1007/978-1-4939-6925- 8_10
Proceedings	-
Other publications	**Jambari N.** and Alcocer M. The allergenicity of nut proteins, Ber e 1, as a case study. World Allergy and Asthma Congress 2013, *European Academy of Allergy and Clinical Immunology & World Allergy Organisation (EAACI-WAO). Milan, **ITALY**. 2013* **Jambari, N.** and Alcocer, M. Effect of fungal glycosylation of recombinant Ber e 1 on immunogenicity of the allergen. *Immunology Showcase 2013, Queen Medical Centre, University of Nottingham, **UK**. 2013.* **Jambari, N.**, Martinez-Pomares, L., Liddell, S., Wheldon, L., May, S., Castallenos, M., Giles, T., Emes, R., and Alcocer, M. Allergenicity of 2S albumin proteins: In vitro studies on the uptake and molecular mechanisms of bmDCs upon stimulation with Ber e 1 and SFA8. *EAACI Congress 2014. European Academy of Allergy and Clinical Immunology.*

	*Copenhagen, **DENMARK.** 2014* **Jambari N.** and Alcocer M. Allergenicity of a 2S albumin protein, Ber e 1: *in vitro* studies. *Science@Malaysia Conference 2014, November 2014. Examination Schools, Oxford, **UK.** 2014.* **Jambari N.,** and Alcocer M. Understanding the molecular mechanisms involved in bmDCs upon stimulation with 2S albumin proteins, Ber e 1 and SFA8. *Immunology Showcase 2015, Queen Medical Centre, University of Nottingham, Nottingham, **UK**. 2015.* **Jambari N.**, and Alcocer M. Effect of glycosylation on the antigenicity and immunogenicity of Ber e 1, a major allergen from Brazil nut (*Bertholletia excelsa*) using commercial Proimmune REVEAL Immunogenicity System DC-T cell Assay. *4th Asia-Pacific International Food Safety Conference & 7th Asian Conference on Food and Nutrition Safety, October 11-13, 2016, Penang, **MALAYSIA,** 2016.* **Jambari N.**, and Alcocer M. Comparison of different murine antigen presenting cell (APC) model capability in producing Th1-polarising cytokines, IL-12, upon stimulation with 2S albumin model proteins. *Joint Congress of Asia Pacific Association of Allergy, Asthma, and Clinical Immunology (APAAACI) and Asia Pacific Association of Pediatric Allergy, Respirology, and Immunology (APAPARI). Pctober 11-14, 2018, Bangkok, **THAILAND,** 2018*
Computer software	

H. PROJEK PENYELIDIKAN TERDAHULU *(Past Research Project)*

Project No.	*Project Title*	*Role*	*Year*	*Source of fund*	*Status*
CWGS – 5489504	The verification of norms suitability for food handlers and kitchen infrastructures at boarding schools to avoid food poisoning	Co- researcher	2016	Malaysia Ministry of Higher Education (MoHE)	Completed
UPM/700-1/1/TRGS/5535704	Characterisation of goat's milk allergens that cross-react with cow's milk allergens	Principal investigator	2017-2019	Malaysia Ministry of Higher Education (MoHE)	Completed
HICoE–ITAFOS/2017/FS4/6369103	Comprehensive analysis of allergens found in different rice varieties in Malaysia using allergenomic approach	Principal investigator		Malaysia Ministry of Higher Education (MoHE)	
UPM/700-1/3/Geran Putra	Structural integrity and conformational changes of parvalbumin from Indian mackerel	Principal investigator	2017-2019	Universiti Putra Malaysia	ongoing

	(Rastrellinger kanagurta) and its allergenicity upon treatment with high hydrostatic pressure (HHP) processing technology.				
UPM/700-1/1/FRGS/5540299	Exploratory studies on the prevalence of rice allergen sensitisation among atopic patients in Selangor	Principal investigator	2019-2022	Malaysia Ministry of Higher Education (MoHE)	Ongoing
MRUN	Unravelling food authentication biomarkers in village fowl and broiler chicken	Co-researcher	2019-2022	Malaysia Ministry of Higher Education (MoHE)	Ongoing
TRGS	Elucidation of factors and mechanism affecting the safety and quality of buffalo milk and milk products	Co-researcher	2020-2023	Malaysia Ministry of Higher Education (MoHE)	Ongoing

I. PUBLISHING ID	
DATABASE	**ID**
Scopus	35098869400; Jambari, Nuzul N.
ResearchGate	https://www.researchgate.net/profile/Nuuzul_Jambari2
Google Scholar	Nuzul Jambari
ORCID	orcid.org/ 0000-0002-9494-7291