

CURRICULUM VITAE



No.	Information
1.	Name: DR. SYALIZA BINTI OMAR
	E-mail: syalizaomar@unisza.edu.my
2.	Academic Qualifications:
	A. Qualifications (Name of Awarding Institution and Country, year of award):
	<ul style="list-style-type: none">i. PhD in Pharmaceutical Analysis (University of Waikato, New Zealand, 2013)ii. MSc in Analytical Chemistry & Instrumentations (University of Malaya, 2005)iii. B.Pharm (Hons) (University of Science Malaysia, 1999)
	B. Field(s) of Specialization:
	<ul style="list-style-type: none">i. Phytochemicals & Pharmacognosy (Natural Product Chemistry, Medicinal Herbs)ii. Bioactivity-guided Isolationiii. Pharmaceutical analysisiv. Veterinary pharmacy

3.	Current Professional Membership:
4.	<p>Previous Teaching and Tutoring experience:</p> <p>Teaching experience:</p> <ul style="list-style-type: none"> i) Pharmacy practice related papers {i.e. Pharmacy practice II, III, IV (year 3 & 4), Pharmacy Community, Pharmacoinformatic} – (year 2006-2008) ii) Clinical pharmacy {i.e. Clinical Pharmacy and Concept, Clinical Pharmacokinetic} - (year 2006-2008) iii) Veterinary Pharmacology and Toxicology (Year 2014 –2019) iv) Ethics, Jurisprudence and Animal Welfare (Year 2014 – 2019) v) Anesthesiology and Intensive Care (Year 2015) <p>Tutoring experience:</p> <ul style="list-style-type: none"> i) Clinical pharmacy/Clinical clerkship {assisted final year Pharmacy students did clerkship/ward round in Klang Hospital} - (year 2006-2008). ii) Clinical pharmacy for Diploma pharmacy students (year 2005-2006) iii) Organic Chemistry for Pharmacy - (year 2013) <p>Pharmacognosy {Medicinal Chemistry} - (year 2013)</p>

5.	Current Teaching And Administrative Responsibilities:
	A. Current Teaching:
	<ul style="list-style-type: none"> i. PHM 10103 (Organic & Inorganic Chemistry) ii. PHM 10202 (Biochemistry) iii. PHM 10703 (Medicinal Chemistry) iv. PHM 20302 (Phytochemistry) v. PHM 20703 (Pharmaceutical Analysis) vi. PHM 20803 (Pharmacognosy) vii. PHM 20602 (Veterinary Pharmacy) viii. PHM 10402 (Human Anatomy & Physiology I)
	B. Administrative Responsibilities:
	<ul style="list-style-type: none"> i. Deputy Dean (Students and Alumni affairs), Faculty of Pharmacy ii. Committee member of Postgraduate Studies, Faculty of Pharmacy iii. Committee member of Research, Faculty of Pharmacy iv. Committee member of Student Affairs, Besut Campus v. Committee member of Community Service, Faculty of Pharmacy vi. Committee member of the Medical Equipment Specification UniSZA Instructors Hospital vii. Chairperson Jawatankuasa Sebutharga UniSZA

6.	Previous Employment: (Position held/ employer/year of service (start – end))
	<ul style="list-style-type: none"> <li data-bbox="285 264 1437 352">i. Pharmacy Lecturer (DUF 53) / Faculty of Pharmacy, UniSZA (March 2019 till present) <li data-bbox="285 373 1437 462">ii. Senior Lecturer (DS51) / Faculty of Veterinary Medicine, Universiti Malaysia Kelantan / March 2014- March 2019 <li data-bbox="285 483 1437 571">iii. Pharmacy Lecturer (DM45) / Faculty of Pharmacy, University Technology MARA, Shah Alam / Oct 2006-March 2014 <li data-bbox="285 592 1437 680">iv. Pharmacist (DU41) / Faculty of Pharmacy, University Technology MARA, Shah Alam / July 2005-Oct 2006 <li data-bbox="285 701 1437 737">v. Retail Pharmacist / Guardian Pharmacy, Ampang / June 2005 – July 2005 <li data-bbox="285 758 1437 846">vi. Retail Pharmacist / Georgetown Chemist, Petaling Jaya / March 2004-May 2005 <li data-bbox="285 867 1437 903">vii. Clinical Pharmacist / Assunta Hospital / 2002-2004 <li data-bbox="285 924 1437 1012">viii. Regulatory Pharmacist / National Pharmaceutical Control Bureau / Sep 2000-2002 <li data-bbox="285 1033 1437 1068">ix. Houseman Pharmacist / Hospital Alor Setar, Kedah / May 1999-Apr 2000

7.	Research and Publications:
	A. Research:
	<ul style="list-style-type: none"> i. Isolation and characterization of honey antioxidant compounds using modern chromatography and spectroscopy techniques. ii. Antibacterial study of stingless bee honeys in combating pathogens causing wound. iii. Antioxidants (i.e., radical scavenging and iron-chelating compounds) from natural products/plants and antioxidant assays iv. Antimicrobials (i.e., antibacterial, anthelminths and antifungal properties of plants) v. Secondary metabolites as therapeutic agents vi. Identification of iron-chelating compounds in honey and natural products.
	B. Publications:
	<p><i>Journals (SCOPUS)</i></p> <ul style="list-style-type: none"> i. S. Omar*, Mat-Kamir, N.F. & Sanny, M. (2019). Antibacterial activity of Malaysian stingless bee honeys against wound pathogens, <i>Journal of Sustainability Science and Management</i>, Vol. 14, No. 3. ii. S. Omar* & Mat-Kamir, N.F (2018). Isolation and identification of common bacteria causing SCM in dairy goats, <i>International Food Research Journal</i>, Vol. 25 No. 4: 1668-1674

- iii. N. Abdul Hamid, **S. Omar** & M. Sanny (2018). Effect of thawing conditions and corresponding temperature profiles on the formation of acrylamide in French fries, *Journal of Saudi Society of Agriculture Sciences*

Journals (Submitted / In-pipeline) – Year 2020

- i. Abdul-Rashid, S., Abidin, U. F., Abdul-Mutalib, N. A., **Omar, S.**, Jinap, S., Sanny, M. (submitted to Malaysian Journal of Medical Sciences). Influence of food handler's knowledge, attitude, and self-reported practices in term of food safety and hygiene on the performance of food safety management system: A comparative study in hospital's kitchen.
- ii. Abdul-Rashid, S., Abidin, U. F., Abdul-Mutalib, N. A., **Omar, S.**, Jinap, S., Sanny, M. (submitted to Malaysian Journal of Medical Sciences). Effect of contact time on the level of phthalates in PET-bottled water from the point of sale
- iii. Razali, NAS, Ungku Fatimah, UZA, Nur Hanani, ZA., **Omar, S.** & Sanny, M. (submitted to Malaysian Journal of Medical Sciences). Effects of storage temperature and time on the levels of phthalates in commercial PET-bottled water
- iv. **Omar, S***, Sahri, N.M., Abd. Aziz, H. & Sanny, M. (submitted to Journal of Tropical Resources and Sustainable Science). Impact of temperature on total phenolic contents and antioxidant activity of Tualang and Kelulut honeys
- v. **Omar, S*** & Mat-Kamir, N.F., (In-pipeline) In Vitro Antibacterial and Time-Kill Evaluation of Malaysian stingless bee honeys against *Streptococcus agalactiae*.

*First author or corresponding author

Thesis/Report thesis

- i. **Omar, S.** (2013). Identifying iron-binding antioxidants in New Zealand honeydew honey, PhD thesis.
- i. **S Omar**, M Abdul Hamid, M Yaacob, N Hayati (2009). Determination of total phenolic contents and antioxidant capacity in Malaysian unifloral honeys, Institute of Research, Development and Commercialization, Universiti Teknologi MARA
- ii. **Omar, S.** (2005). Optimization of nitric acid in acid digestion for determination of lead and zinc in fish tissue by ICP-MS, Universiti of Malaya