

CURRICULUM VITAE



A. PERSONAL DETAILS	
Full name:	NORLIA BINTI MAHROR
Date of Birth:	28 February 1986
Nationality:	Malaysian
Race:	Malay
Gender:	Female
Current Address:	A-15-4 Casa Anggun Lebuh Pantai Jerjak 1, Sungai Nibong 11900 Bayan Lepas, Pulau Pinang
Department:	Food Technology Division School of Industrial Technology Universiti Sains Malaysia, 11800, Minden, Pulau Pinang.
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B. ACADEMIC QUALIFICATION				
Qualification	Institution	Year	CGPA/Gred	Specialization
PhD	Universiti Putra Malaysia	2014 – 2019	-	Food Safety
MSc	Universiti Kebangsaan Malaysia	2011 – 2013	3.80	Food Science
BSc (Hons)	Universiti Sains Malaysia	2005 – 2008	3.41	Microbiology
Matriculation	Kolej Matrikulasi Perak	2004 – 2005	3.66	Biology
SPM	SMK Raja Permaisuri Bainun	1999 – 2003	9A	-

C. TEACHING (UNDERGRADUATE COURSES)	
Courses	Role
IMG 111 Food Microbiology 1	Lecturer
IMG 222 Food Microbiology 2	Lecturer & Course coordinator
IMK 407 Food Safety	Lecturer
IMK 410 Foodborne Pathogens	Lecturer & Course coordinator

D. ADMINISTRATIVE RESPONSIBILITIES	
<i>Jawatankuasa Keselamatan dan Kesihatan Pekerjaan Peringkat PTJ</i>	Committee member
<i>Jawatankuasa Kelestarian Peringkat PTJ</i>	Committee member

E. EMPLOYMENT			
Employer	Designation	Department	Date
Universiti Sains Malaysia	Senior Lecturer	Food Technology Division, School of Industrial Technology, USM	21 Oct. 2019 – Present
Universiti Sains Malaysia	Research Assistant	Plant Pathology Department, School of Biological Sciences, USM	Jan 2009 – Dec 2010
KedahBioResources Corporation Sdn. Bhd.	Industrial trainee	Microbiology Laboratory, KBioCorp. Sdn. Bhd.	April – July 20017

F. AWARDS / RECOGNITION			
Title	Award Authority	Award type	Year
<i>Anugerah Sanggar Sanjung 2019 – Kategori Penerbitan Jurnal (Hadiah Sanjungan)</i>	Universiti Sains Malaysia	Universiti	2021
First Prize Poster Presentation at the 2 nd International Food Research Conference 2009, Putrajaya.	Universiti Putra Malaysia	International	2019
Third Prize Poster Presentation at the 2 nd International Food Research Conference 2009, Putrajaya.	Universiti Putra Malaysia	International	2019
First Prize for Poster Presentation at the International Congress of	Malaysian Society for Microbiology	International	2017

the Malaysian Society for Microbiology (ICMSM), Putrajaya.			
Young Researcher Award for the Excellent Oral Presentation at the International Symposium of Mycotoxicology, Japan.	Japanese Society of Mycotoxicology	International	2016
Financial assistance to attend the International Symposium of Mycotoxicology 2016, Tokyo, Japan.	Universiti Putra Malaysia	University	2016
Skim Latihan Akademik IPTA (SLAB) to do PhD at Universiti Putra Malaysia	Malaysian Ministry of Education	National	2014 – 2019
Skim Latihan Akademik IPTA (SLAB) to do MSc at Universiti Kebangsaan Malaysia	Malaysian Ministry of Education	National	2011 – 2013
Dean List	School of Biological Sciences, USM	University	2006
Best student for SPM (Physics, Chemistry)	SMK Raja Permaisuri Bainun, Ipoh	School	2003

G. MEMBERSHIP

International Society of Mycotoxicology (ISM)

Microbiology Society

H. GRANTS

Title	Name of Grant	Role	Year
Evaluation of the mycological quality of spices in reducing the risk of mycotoxin contamination	Short Term Grant, Universiti Sains Malaysia	Main researcher	2021 – 2023
Development of antimicrobial shell coating for pasteurized eggs	Contract research (Safe Food Corporation (M) Sdn. Bhd.)	Co-researcher	2021 - 2022
Inhibitory evaluation of atoxigenic <i>Aspergillus</i> cultures isolated from peanuts and their characterized metabolites on growth and aflatoxin production by toxigenic <i>Aspergillus</i> spp.	Geran Putra Berimpak (GPB), Universiti Putra Malaysia	Co-researcher	2018 – 2020

I. RESEARCH EXPERIENCE	
PhD Evaluation, characterisation and modelling of <i>Aspergillus flavus</i> in aflatoxin production in peanuts along the supply chain.	2014 – 2019
MSc Detection of <i>afIR</i> and <i>omt-1</i> genes and aflatoxin profile of <i>Aspergillus</i> spp. isolated from peanuts.	2011 – 2013
BSc Production of reducing sugar from sugarcane bagasse via solid-state fermentation	2007 – 2008

J. LIST OF PUBLICATIONS

Journals

1. Syamilah, N., Nurul-Afifah, S., Effarizah, M. E., Latiffah, Z., Jinap, S., **Norlia, M.** (2021). Prevalence of mycotoxigenic fungi in spices. *International Journal of Food Microbiology* (Under review).
2. Peter, M. L., Jinap, S., Samsudin, N. I. P., Rafii, M. Y., Berthiller, F., **Norlia, M.** (2021). Identification and mycotoxigenic potentials of *Fusarium* spp. isolated from maize and soil. *Agriculture* (Under review).
3. Rahman, M.A.H., Selamat, J., Samsudin, N.I.P., Shaari, K., **Norlia, M.** & John, J.M. (2021). Antagonism of non-aflatoxigenic *Aspergillus flavus* isolated from peanuts against aflatoxigenic *A. flavus* growth and aflatoxin B₁ production *in vitro*. *Food Science & Nutrition* (Under review).
4. **Norlia, M.**, Jinap, S., Nor-Khaizura, M.A.R., Radu, S., John, J.M., Rahman, M.A.H., Peter, M.L., Sharif, Z. (2020). Modelling the effect of temperature and water activity on the growth rate of *Aspergillus flavus* and aflatoxin production in peanut meal extract agar. *International Journal of Food Microbiology*, 335, 108836
5. Ahmad Zaidi, A.I., Ghazali, M.A.A., Nik Muhammad, N.A., Sazali, N.S., **Norlia, M.**, Yazid, S.N.E., Jinap, S. & Samsudin, N.I.P. (2020). Does manufacturer's size affect the prevalence of mycobiota and occurrence of mycotoxins in spices and spice-based products? *World Mycotoxin Journal*, 13, 83–95.
6. Farawahida, A.H., Jinap, S., Nor-Khaizura, M.A.R., Samsudin, N.I.P. Chin, C.K. & **Norlia, M.** (2020). Prevalence of *Aspergillus* spp. and occurrence of aflatoxins in peanut sauce processing by peanut sauce manufacturers. *International Food Research Journal*, 27, 120–129.
7. **Norlia, M.**, Jinap, S., Nor-Khaizura, M. A. R., Radu, S., Chin, C. K., Samsudin, N. I. P., & Farawahida, A. H. (2019). Molecular characterisation of aflatoxigenic and non-aflatoxigenic strains of *Aspergillus* section *Flavi* isolated from imported peanuts along the supply chain in Malaysia. *Toxins*, 11, 1–20.
8. **Norlia, M.**, Jinap, S., Nor-khaizura, M. A. R., Radu, S., Samsudin, N. I. P., & Azri, F. A. (2019). *Aspergillus* section *Flavi* and aflatoxins: Occurrence, detection, and identification in raw peanuts and peanut-based products along the supply chain. *Frontiers in Microbiology*, 10, 1–17.
9. **Norlia, M.**, Jinap, S., Nor-Khaizura, M. A. R., Son, R., Chin, C. K., & Sardjono. (2018). Polyphasic approach to the identification and characterization of aflatoxigenic strains of *Aspergillus* section *Flavi* isolated from peanuts and peanut-based products marketed in Malaysia. *International Journal of Food Microbiology*, 282, 9–15.

10. **Norlia, M.**, Nor-Khaizura, M. A. R., Jinap, S., Fatimah, A. B., Radu, S., & Chin, C. K. (2018). Evaluation of aflatoxins and *Aspergillus* sp. contamination in raw peanuts and peanut-based products along the supply chain in Malaysia. *Food Additives & Contaminants: Part A*, 23, 1–16.
11. Yazid, S. N. E., Thanggavelu, H., **Norlia, M.**, Selamat, J., & Samsudin, N. I. P. (2018). Formulation of maize- and peanut-based semi-synthetic growth media for the ecophysiological studies of aflatoxigenic *Aspergillus flavus* in maize and peanut agro-ecosystems. *International Journal of Food Microbiology*, 282, 57–65.

Conference / Seminar

1. **Norlia, M.**, Jinap, S., Nor-Khaizura, M.A.R., Radu, S., Chin, C.K., Samsudin, N.I.P. & Farawahida, A.H. (2019, August). *Molecular Characterisation of Aflatoxigenic and non-Aflatoxigenic Strains of Aspergillus section Flavi Isolated from Imported Peanuts along the Supply Chain in Malaysia*. Poster session presented at the 2nd International Food Research Conference, Putrajaya, 27 – 29 August 2019.
2. Mustafa, R.R., Sukor, R., Wan Azman, W.N. & **Norlia, M.** (2019, August). *Prevalence of Toxigenic Aspergillus flavus and A. parasiticus in Rice Bran*. Poster session presented at the 2nd International Food Research Conference, Putrajaya, 27 – 29 August 2019.
3. **Norlia, M.**, Jinap, S., Nor-Khaizura, M.A.R, Fatimah, A.B., Chin, C.K. & Radu, S. (2017, July). *Polyphasic Approach to the Identification of Aflatoxigenic and non-Aflatoxigenic Species of Aspergillus section Flavi Isolated from Peanuts and Peanut-based Products*. Paper presented at the International Food Research Conference, Universiti Putra Malaysia, Serdang, Selangor, 25 – 27 July 2017.
4. Yazid, S.N.E., **Norlia, M.**, Jinap S. & Samsudin, N.I.P. (2017). *Formulation of Maize-based Semi-Synthetic Growth Medium for the Ecophysiological Studies of Aflatoxigenic Aspergillus flavus in Maize Agro-Ecosystem*. Poster session presented at the International Congress of the Malaysian Society for Microbiology, Bangi, Selangor.
5. **Norlia, M.**, Jinap, S., Nor-Khaizura, M.A.R, Radu, S. & Chin, C.K. (2016, November). *Critical points of Aflatoxin Contamination in Peanuts along the Supply Chain*. Paper presented at the International Symposium of Mycotoxicology, The University of Tokyo, Japan, 30 Nov – 2 Dec 2016.
6. **Norlia, M.**, Jinap, S., Nor-Khaizura, M.A.R, Radu, S. & Chin, C.K. (2016, October). *Critical Points of Aflatoxin Contamination in Peanuts along the Supply Chain in Malaysia*. Poster session presented at the 4th Asia-Pacific International Food Safety Conference & 7th Asian Conference on Food and Nutrition Safety, Penang, 11 – 13 October 2016.
7. **Norlia, M.**, Jinap, S., Nor-Khaizura, M.A.R, Chin, C.K. & Radu, S. (2016, July). *Critical point of Aflatoxin Contamination in Peanuts along the Supply Chain*. Paper presented at the International Postgraduate Seminar, 2nd Postgraduate Mobility Program (FOSMOB 2016), Kasertsart University, Bangkok, Thailand, 25 – 31 July 2016.
8. **Norlia, M.**, Jinap, S., Nor-Khaizura, M.A.R, Chin, C.K. & Radu, S. (2015, June). *Identification and Characterization of Critical Points along the Peanut Supply chain*. Paper presented at the International Postgraduate Seminar, Postgraduate Mobility Program (FOSMOB 2015), Universitas Gadjah Mada, Yogyakarta, Indonesia, 11 – 22 June 2015.

K. PUBLIC SERVICE, LEADERSHIP & PROFESSIONAL ACTIVITIES

1. Committee member, 3-Minute PhD Thesis competition 2021 at school level (28 Sept. 2021).
2. Coordinator for USM team (Undergraduate Food Bowl Quiz) in the Malaysian Institute of Food Technologists (MIFT) 12th National Food Science and Technology Competition 2021 (4 – 5 August 2021).
3. Coordinator for USM team (Postgraduate Research – Oral & Poster) in the Malaysian Institute of Food Technologists (MIFT) 12th National Food Science and Technology Competition 2021 (4 – 5 August 2021).
4. Participant, HACCP Verification and Internal Audit Workshop, 11-12 August 2021.
5. Committee member, Webinar on Halal Food Industry: Certification, Implementation, and Regulations in Malaysia and Indonesia. 24 April 2021.
6. Participant, HACCP Internal Audit Course, 13-14 Dec 2019.
7. Facilitator, Workshop on Analysis of Mycotoxins using HPLC, organised by the Laboratory Food Safety and Food Integrity, Institute of Tropical Agriculture and Food Security, UPM (21 – 23 August 2017).
8. Logistic committee, Post-Graduate Mobility Program (2nd FOSMOB) at Kasertsart University, Bangkok, Thailand (25 – 29 July 2016).
9. Logistic committee, Post-Graduate Mobility Program (1st FOSMOB) at Universitas Gadjah Mada, Yogyakarta, Indonesia (8 – 11 June 2015).
10. Student volunteers, International Mycotoxin Conference 2010, organized by MycoRed and International Society for Mycotoxicology (ISM) at Park Royal Hotel, Penang (1 – 4 Dec 2010).
11. Participant, USM-MycoRed-MoniQA joint Training Course on “Capacity Building in Mycotoxin-Safe Food Trade”, USM, Penang (Dec 2010).
12. Reserve Officer Training Unit of Royal Malaysian Navy (PALAPES LAUT, USM) (2005 – 2008). Sub Lieutenant Rank.
13. Committee members, Kelab Rekreasi Palapes Laut USM (2005 – 2008).
14. Exco, Restu Residential College Student Council, USM (2006).
15. Assistant Exco, Persatuan Sains Kajihayat USM sesi 2005/2006.

L. REFEREE

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