

CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI (Personal Details)			
Nama Penuh (Full Name)	NOOR AZIRA ABDUL MUTALIB		Gelaran (Title): PROF MADYA DR
No. MyKad / No. Pasport (Mykad No. / Passport No.)	Warganegara (Citizenship)	Bangsa (Race)	Jantina (Gender)
850901-05-5270	MALAYSIA	MALAY	FEMALE
Jawatan (Designation)	SENIOR LECTURER	Tarikh Lahir (Date of Birth)	1 SEPTEMBER 1985

Alamat Semasa (Current Address)	Jabatan/Fakulti (Department/Faculty)	E-mel dan URL (E-mail Address and URL)
No. 3384 Jalan 18/61 Taman Sri Serdang Seri Kembangan 43300 Selangor	Department of Foodservice and Management, Faculty of Food Science and Technology, UPM Laboratory of Food Safety and Food Integrity, Institute of Tropical Agriculture and Food Security, UPM Tel: 03-97698353	E-mail: n_azira@upm.edu.my ORC ID: 0000-0003-0816-7086 H/P: 019-2585520

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 (PhD)	Kyushu Institute of Technology/Universiti Putra Malaysia	2016	Food Microbiology/ Medical Microbiology
Master of Science (MS)	Universiti Putra Malaysia	2012	Community Health
Bachelor of Science (Hons)	Universiti Putra Malaysia	2007	Microbiology

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				√	
Bahasa Melayu					√

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN <i>(Scientific experience and Specialisation)</i>				
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
Jawatankuasa Kerja Pakar Mikrobiologi, Jawatankuasa Penasihat Perundangan Makanan	Ahli gantian	November 2023		Food Microbiology
University Ethics Committee for Research Involving Human Subject (JKEUPM)	Reviewer	February 2023	February 2025	Food safety
IGI International (M) Sdn Bhd	Consultant	November 2022	-	Microbiological Food Safety
Jawatankuasa Induk Keselamatan Makanan, BKKM, KKM	Ahli gantian	October 2022	-	Food safety
Faculty of Food Science and Technology	Head of Food pathogen Research Laboratory	August 2020	-	Microbiological Food Safety
El-Fresco Marketing Sdn Bhd	Consultant	February 2019	July 2019	Microbiological Food safety
Institute of Tropical Agriculture and Food Security, UPM	Research associate	February 2022	Present	Microbiological Food safety
Universiti Putra Malaysia	Research assistant	August 2007	November 2007	Microbiology
Hospital Tuanku Ampuan Najihah, Negeri Sembilan	Laboratory technician	May 2006	June 2006	Microbiology

E. PEKERJAAN (Employment)				
<i>Majikan / Employer</i>	<i>Jawatan / Designation</i>	<i>Jabatan / Department</i>	<i>Tarikh lantikan / Start Date</i>	<i>Tarikh tamat / Date Ended</i>
Universiti Putra Malaysia	Senior lecturer	Foodservice and Management	1 April 2016	-
Universiti Putra Malaysia	Program Coordinator for Master by Coursework (Master of Food Safety and Quality Assurance)	School of Graduate Studies	1 September 2022	-
Universiti Putra Malaysia	Tutor	Foodservice and Management	3 Disember 2007	31 March 2016

F. ANUGERAH DAN HADIAH (Honours and Awards)				
<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
Academic Awards	First Class	UPM	University	2007
	Dean's List 1 st Semester 3 rd Semester 4 th Semester 5 th Semester 6 th Semester	UPM / Faculty of Biotechnology and Biomolecular Sciences, UPM	University	2004 - 2007
	Top 3 H-Index & Citations (Senior Lecturer) Majlis Apresiasi Penyelidikan	UPM	University	2017

	ITAFoS			
	The Most Commercial Project Award	International STEM Olympiad (ISTEMO)	International	2018
	Best Presenter Award (Gold) PltCH, Penang	UiTM	International Conference	2023
<i>Non-Academic Awards</i>	Anugerah Lang Setia	2 nd College UPM	College	2007
	Anugerah Perkhidmatan Cemerlang	UPM	Services	2018
	Sijil Perkhidmatan Cemerlang	UPM	Services	2020
	Anugerah Perkhidmatan Cemerlang	UPM	Services	2021
	Sijil Perkhidmatan Cemerlang	UPM	Services	2023
<i>Awards of Merit</i>				

G. SENARAI PENERBITAN (Nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan)

(List of publications – author (s), title, journal, volume, page and year published)

<i>Journal</i>	<ol style="list-style-type: none"> 1. Esther Renjitham Cristhappa, Lee Epeng and Noor Azira Abdul-Mutalib. 2025. Prevalence and antibiogram profile of <i>Listeria monocytogenes</i> in ready-to-eat food sold at night markets in Klang Valley, Malaysia. <i>Malaysian Journal of Microbiology</i>, 21 (6). 2. Goh, S.G., Radu, S., Haryani, Y., 1Nor-Khaizura, M.A.R, Abdul-Mutalib, N.A, New, C.Y. and Hasan, H. 2025. Improving the efficiency of a pre-treatment method for sulfonamide detection in raw chicken meat by HPLC-MS/MS. <i>Food Research</i> 3. LX Lee, HA Haslan, PQ Tan, NFE Mohamed Fauzi, AM Roslan, H Ariffin, MZ Mohd Yusoff, N Ramli, N-A Abdul-Mutalib. 2025. Physicochemical changes and emissions impact during co-composting of grease trap solid waste and rice husk. <i>International Journal of Environmental Science and Technology</i>, 22 (15), 15309-15326. 4. Goh SG, Radu S, Haryani Y, Epeng L, Nor-Khaizura MAR, Abdul-Mutalib NA, Hasan H. High prevalence of antibiotic-resistant <i>Escherichia coli</i> harbouring extended-spectrum beta-lactamase (ESBL) in raw chicken meat sold at retail in Klang Valley, Malaysia. <i>FEMS Microbiology Letters</i>. 2025 Jan 10;372:fnaf039. doi: 10.1093/femsle/fnaf039. PMID: 40199743. 5. Khairul Naim Md Padzil, Yaya Rukayadi, Faridah Abas, Maimunah Sanny, Noor Azira Abdul Mutalib. 2025. Effect of different pHs and temperatures on stability and mode of action of ethanolic kayu manis hutan (<i>Cinnamomum iners</i>) extract against foodborne pathogens. <i>Malaysian Journal of Fundamental and Applied Sciences</i>, 21, 1775-1783. 6. Padzil, K.N.M., Rinai, K.R., Rukayadi, Y., Abas, F., Sanny, M. and Abdul-Mutalib, N.A. 2025. Antifungal activity and phytochemical profile of kayu manis hutan (<i>Cinnamomum iners</i> Reinw. Ex Blume Laureceae) leaf extract against spoilage microorganisms. <i>Food Research</i> 9 (2) : 306 – 315. 7. Subashini Pallianysamy, Noor Azira Abdul-Mutalib, Ungku Fatimah Ungku Zainal Abidin, , Nor Khaizura Mahmud @ Ab Rashid, Nurul Hawa Ahmad. 2025. Home-based Foods in Malaysia: A Food Safety Perspective. <i>Pertanika Journal of Tropical Agricultural Sciences</i> 48, 8 (3): 667 - 683 8. Wong J.X.; Rukayadi Y.; Zainal Abedin N.H.; Abdul Mutalib N.A.; Ramli S.; Kuan C.H. 2025. Preliminary characterization in antimicrobial stability, phytochemical and toxicity profiling of <i>Sauropus androgynus</i> L. (sweet leaf vegetable) extract: Evaluate the potential of new antimicrobial agent. <i>Food Bioscience</i> 63 (105639) 9. Li Xin Lee, Nur Fatihah Eliya Mohamed Fauzi, Ahmad Muhaimin Roslan, Hidayah Ariffin, Mohd Zulkhairi Mohd Yusoff, Norhayati Ramli, Noor-Azira Abdul-Mutalib. 2025. Evaluating grease trap management practices: A case study from Seri Kembangan, Malaysia. <i>Journal of Environmental Management</i> 373(123935). 10. Jun Xian Wong, Yaya Rukayadi, Nur Hanani Zainal Abedin, Noor Azira Abdul Mutalib, Suzita Ramli, Chee Hao Kuan. 2025. Physicochemical characterization, antioxidant and antimicrobial activities of
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chitosan film containing *Sauropus androgynus* extract prepared by solution casting and supercritical impregnation, Food Hydrocolloids, <https://doi.org/10.1016/j.foodhyd.2024.110669>.

11. Padzil, K.N.M., Rukayadi, Y., Abas, F., Sanny, M. and **Abdul-Mutalib, N.A.** 2024. Antioxidant and toxicity activities of kayu manis hutan (*Cinnamomum iners* Reinw. Ex Blume Laureceae) leaf extracts. Food Research 8(3): 62-72.
12. Abdul Rahim, N.A., Ungku Zainal Abidin, U.F., Son, R., Selamat, J. **Abdul Mutalib, N.A.** 2024. Prevalence of *Bacillus cereus* in food and hand swabs of night market food vendors and its relationship with their food safety knowledge, attitude, and practices. Food Research 8 (1) : 9 – 17.
13. Norfaziey Aini Sukarno, Arthika Kalaichelvan, Pichamon Limcharoenchat, **Noor Azira Abdul Mutalib**, Nurul Hawa Ahmad. 2023. Thermal and Nonthermal Inactivation of Foodborne Pathogens on Low-Moisture Foods: A Systematic Review. J. Raw Mater. Process. Foods. 4(1), 47-67.
14. Xue Wei Tee and **Noor Azira Abdul-Mutalib**. 2023. *Salmonella* Biofilm on Food Contact Surfaces and the Efficacy of Chemical Disinfectants: A Systematic Review. Pertanika Journal of Science and Technology. 31 (5): 2187 - 2201.
15. Lee, E., New, C.Y., Thung, T.Y., Tan, C.W., Wendy, R.D., Nuzul, N.J., Son, R. and **Abdul-Mutalib, N.A.** 2023. Detection and antibiotic resistance profile of extended-spectrum beta-lactamase producing *Escherichia coli* in raw vegetables. Food Research 7(4) : 45 - 54.
16. Kierrthanah Madhavan, Yaya Rukayadi, **Noor Azira Abdul-Mutalib**. 2023. Controlling Vegetative Cells and Spores Growth of Bacillus spp. using Ethanolic Ketapang (*Terminalia catappa* L.) Leaf Extract. HELIYON. doi: <https://doi.org/10.1016/j.heliyon.2023.e18749>.
17. Mohsen Emamjomeh, Amalia Mohd Hashim, **Noor Azira Abdul-Mutalib**, Nur Fadhilah Khairil Mokhtar, Nurul Asyifah Mustapha, Toshinari Maeda, Syafinaz Amin-Nordin. 2023. Profiling bacterial communities and foodborne pathogens on food-associated surface following contact with raw beef, chicken and pork using 16S amplicon metagenomics. Food Control, 149, 109698, <https://doi.org/10.1016/j.foodcont.2023.109698>.
18. Nurazira Anuar, Naji Arafat Mahat, Ida Idayu Muhamad, Aemi Syazwani Abdul Keyon, Mohamad Afiq Mohamed Huri, Nor Alafiza Yunus, Dayang Norulfairuz Abang Zaidel, **Noor Azira Abdul-Mutalib**, Son Radu, Aida Rasyidah Azman. 2023. Metal contaminants and chloramphenicol in *Litopenaeus vannamei* and *Penaeus silasi* at various supply chain stages in Johor Bahru, Malaysia and their health risk assessment. Journal of King Saud University-Science, 35 (1). 102401, <https://doi.org/10.1016/j.jksus.2022.102401>.
19. Ramu, P., Osman, M., **Abdul Mutalib, N.A.**, Aljaberi, M.A., Lee, K.-H., Lin, C.-Y., Hamat, R.A. 2023. Validity and Reliability of a Questionnaire on the Knowledge, Attitudes, Perceptions and Practices toward Food Poisoning among Malaysian Secondary School Students: A Pilot Study. Healthcare, 11, 853. <https://doi.org/10.3390/healthcare11060853>
20. Suhaila Abdul-Rashid, Ungku Zainal Abidin Ungku Fatimah, **Noor Azira Abdul-Mutalib**, Syaliza Omar, Selamat Jinap and Maimunah Sanny. 2022. Relating food handlers' knowledge, attitude, and self-reported practices on food safety and hygiene to the performance of food safety assurance system: A multiple case study in government hospital kitchens. Pertanika Journal of Tropical Agriculture and Sciences. 45 (3), <https://doi.org/10.47836/pjtas.45.3.12>.
21. Norfadzilah Azmee, **Noor Azira Abdul-Mutalib**. (2022). Assessment of Coliform, *Escherichia coli*, and Enterococci in Raw and Treated Water in Negeri Sembilan, and Factors Associated with the Decontamination Procedure. Malaysian Journal of Fundamental and Applied Sciences, 18. 714-725
22. Abidin U. F. U. Z., Roslan A., Mustafar S. S., **Abdul-Mutalib N. A.**, Ishak F. A. C., Sanny M., & Karim M. S. A. (2022). Food safety culture and risk factors: A case study in Melaka tourist spots. Journal of Tourism, Hospitality & Culinary Arts. 14(1), 474-491.
23. Mohamad Fauzi, F.J., **Abdul-Mutalib, N.A.** 2021. Knowledge, and Practice of Home-Based Food Handlers in Hulu Selangor, Malaysia Regarding Food Safety. Biology & Life Sciences Forum 2021, 6, 12. <https://doi.org/10.3390/Foods2021-10930>
24. N. Aziman, M. Jawaid, **N. A. Abdul Mutalib**, N. L. Yusof, A. H. Nadrah, U. K. Nazatul, V. V. Tverezovskiy, O. A. Tverezovskaya, H. Fouad, R. M. Braganca, P. W. Baker, S. Selbie and A. Ali. 2021. Antimicrobial potential of plastic films incorporated with sage extract on chicken meat. Foods, 10, 2812. <https://doi.org/10.3390/foods10112812>
25. Noor L. Yusof, **Noor-Azira Abdul Mutalib**, U. K. Nazatul, A. H. Nadrah, Nurain Aziman, Hassan Fouad, Mohammad Jawaid, Asgar Ali , Lau Kia Kian and Mohini Sain. 2021. Efficacy of biopolymer/starch

based antimicrobial packaging for chicken breast fillets. *Foods*, 10, 2379. <https://doi.org/10.3390/foods10102379>

26. Naziruddin, M. A., Jawaid, M., Yusof, N. L., **Abdul-Mutalib, N. A.**, Ahmad, M. F., Sanny, M., Alzahari, A. 2021. Assessment and detection of the potential contaminants from oil palm empty fruit bunch fiber-based biodegradable tray. *Food Packaging and Shelf Life*, 29, 100685. <https://doi.org/10.1016/j.foodcont.2021.100685>
27. Fathurrahman, R. N., Rukayadi, Y., Ungku Fatimah, U. Z. A., Jinap, S., **Abdul-Mutalib, N. A.**, Sanny, M. 2021. The performance of food safety management system in relation to the microbiological safety of salmon nigiri sushi: A multiple case study in a Japanese chain restaurant. *Food Control*, 127, 108111. <https://doi.org/10.1016/j.foodcont.2021.108111>
28. Chia Wanq Tan, Yaya Rukayadi, Hanan Hasan, **Noor-Azira Abdul-Mutalib**, Nuzul Noorahya Jambari, Hirofumi Hara, Tze Young Thung, Epeng Lee, Son Radu. 2021. Isolation and characterization of six *Vibrio parahaemolyticus* lytic bacteriophages from seafood samples. *Frontiers in Microbiology*. 12:616548. doi: 10.3389/fmicb.2021.616548
29. Ummu Afiqah Abdul-Rahiman, Noordiana Nordin, **Noor Azira Abdul-Mutalib** and Maimunah Sanny. 2021. Holistic approaches to reducing *Salmonella* contamination in poultry industry. *Pertanika Journal Tropical Agricultural Sciences*. 44(1): 1-23
30. Wen-Li Seow, Nor Ainy Mahyudin, Syafinaz Amin-Nordin, Son Radu, **Noor Azira Abdul-Mutalib**. 2021. Antimicrobial resistance of *Staphylococcus aureus* among cooked food and food handlers associated with their occupational information in Klang Valley, Malaysia. *Food Control*, 124, 107872. <https://doi.org/10.1016/j.foodcont.2021.107872>.
31. Ladi Peter Mshelia, Jinap Selamat, Nik Iskandar Putra Samsudin, Mohd Y. Rafii, **Noor-Azira Abdul Mutalib**, Noordiana Nordin and Franz Berthiller. 2020. Effect of temperature, water activity and carbon dioxide on fungal growth and mycotoxin production of acclimatised isolates of *Fusarium verticillioides* and *F. graminearum*. *Toxins* 12, 478; doi:10.3390/toxins12080478
32. Suzita Ramli, Wong Jun Xian & **Noor Azira Abd Mutalib**. 2020. A Review: Antibacterial activities, antioxidant properties and toxicity profile of centella asiatica. *EDUCATUM JSMT*, 7(1): 39-47.
33. Ainatul Nadia Rusnan, Noordiana Nordin, Son Radu, **Noor Azira Abdul-Mutalib**. 2020. Pathogenic *Bacillus cereus*, an overlooked food contaminants in Southeast Asia. *Pertanika Journal Tropical Agricultural Sciences*, 43 (1): 1 – 17.
34. Suhaila, A.R., Ariffin, H. F., Sanny, M., Ungku Fatimah U.Z.A, **Noor-Azira A. M.**, M.I. Hasni F. 2020. Knowledge, attitude, and practice on food safety culture among kitchen employees of Malaysian government hospitals. *ESTEEM Journal of Social Sciences and Humanities*. 4, 180-195
35. **Abdul-Mutalib, N.A.**, Osman, M., Amin Nordin, S., Ishida, N., Tashiro, K., Sakai, K., Tashiro, Y., Maeda, T., Shirai, Y. 2019. Prevalence of spoilage microorganism, *Pseudomonas* spp. on restaurants cutting boards collected in Seri Kembangan, Malaysia. *Journal of Food Science and Nutrition*, 2(2): 7-12.
36. Tan, C.W., Noor Hazirah, M.Z., Shu'aibu, I., New, C.Y., Malcolm, T.T.H., Thung, T.Y., Lee, E., Wendy, R.D., Nuzul, N.J., **Noor Azira, A.M.**, Ungku Fatimah, U.Z.A., Rukayadi, Y., Rinai, R. and Son, R. 2019. Occurrence and antibiotic resistance of *Salmonella* spp. in raw beef from wet market and hypermarket in Malaysia. *Food Research* 3 (1) : 21 – 27.
37. TY Thung, E Lee, JMKJK Premarathne, M Nurzafirah, CH Kuan, N Elexson, CW Tan, TTH Malcolm, CY New, OSB Ramzi, NJ Nuzul, **AM Noor Azira**, UZA Ungku Fatimah, R Son. 2018. Bacteriophages and their applications. *Food Research*, 2 (5), 404-414
38. Jayasekara Mudiyanseleage Krishanthi Jayarukshi Kumari Premarathne, Aimi S Anuar, Tez Young Thung, Dilan Amila Satharasinghe, Nuzul Noorahya Jambari, **Noor-Azira Abdul-Mutalib**, John T.Y. Huat, Dayang F. Basri, Yaya Rukayadi, Yoshitsugu Nakaguchi, Mitsuaki Nishibuchi, Son Radu. 2017. Prevalence and Antibiotic Resistance against Tetracycline in *Campylobacter jejuni* and *C. coli* in Cattle and Beef Meat from Selangor, Malaysia, *Frontiers in Microbiology*, DOI: 10.3389/fmicb.2017.02254
39. **Noor-Azira Abdul-Mutalib**, Syafinaz Amin Nordin, Malina Osman, Ahmad Muhaimin Roslan, Natsumi Ishida, Kenji Sakai, Yukihiko Tashiro, Kosuke Tashiro, Toshinari Maeda and Yoshihito Shirai, 2016. The prevalence of foodborne pathogenic bacteria on cutting boards and their ecological correlation with background biota. *AIMS Microbiology*, 2(2): 138-151. DOI: 10.3934/microbiol.2016.2.138
40. **Noor-Azira Abdul-Mutalib**, Syafinaz Amin Nordin, Kenji Sakai and Yoshihito Shirai, 2015. An overview of foodborne illness and food safety in Malaysia. *International Food Research Journal* 22 (3): 896-901.

	<p>41. Noor-Azira Abdul-Mutalib, Syafinaz Amin Nordin, Malina Osman, Natsumi Ishida, Kosuke Tashiro, Kenji Sakai, Yukihiko Tashiro, Toshinari Maeda, Yoshihito Shirai. 2015. Pyrosequencing analysis of microbial community and foodborne bacteria on restaurant cutting boards collected in Seri Kembangan, Malaysia and their correlation with grades of food premises. <i>International Journal of Food Microbiology</i> 200, 57-65 (IF: 3.155).</p> <p>42. Noor-Azira A. M., Mohammad-Faid A. R., Shuhaimi M., Hamat R. A., Syafinaz A. N. and Malina O. 2012. Knowledge, attitude and practices regarding food hygiene and sanitation of food handlers in Kuala Pilah, Malaysia. <i>Food Control</i> 27: 289-293.</p> <p>43. Noor-Azira A. M., Mohammad-Faid A. R., Shuhaimi M., Hamat R. A., Syafinaz A. N. and Malina O. 2012. <i>Staphylococcus aureus</i> in food and nares of food handlers in Kuala Pilah, Malaysia. <i>Pertanika Journal of Tropical Agricultural Science</i>. 35 (4): 853 – 862.</p>
Books/ Monographs	<p>1. Siti Nurhayati Khairatun, Ainul Zakiah Abu Bakar, Noor Azira Abdul Mutalib and Ungku Fatimah Ungku Zainal Abidin. 2022. <i>Food Safety Practices in the Restaurant Industry</i>. IGI Global.</p> <p>2. Noor Azira Abdul Mutalib, Malina Osman, & Syafinaz Amin Nordin. (2013). <i>Staphylococcus aureus</i> nasal carriers and food contamination. Lambert Academic Publishing.</p>
Chapter in book	<p>3. Noor Aniza Abdul Rahim, Noor Azira Abdul Mutalib, Ungku Fatimah Ungku Zainal Abidin. 2022. Prevalence of <i>Bacillus cereus</i> in Ready-to-Eat Foods in Northern Perak, Malaysia In Siti Mohd Sharif S.N. et. al. (Ed). <i>Food Safety Practices in the Restaurant Industry</i>. IGI Global.</p> <p>4. Noor Azira Abdul Mutalib, Malina Osman & Syafinaz Amin Nordin. 2012. Staphylococcal food poisoning from food handlers. In Zamberi Sekawi (Ed) <i>Updates in Medical Microbiology</i> (pp 1-9). Serdang, Selangor: Universiti Putra Malaysia Press.</p>
Proceedings	<p>1. Siti Nurnajwa Miradin, Lee Epeng, and Noor Azira Abdul-Mutalib. Evaluation of Microbial Contamination and <i>Listeria monocytogenes</i> in Cooked Foods Purchased Around Seri Kembangan Restaurants. 13th International Symposium on Applied Engineering and Sciences (SAES 2025). 10-11th November 2025, Universiti Putra Malaysia</p> <p>2. Norfaziey Aini Sukarno, Nurul Hawa Ahmad, Noordiana Nordin, Noor Azira Abdul-Mutalib. <i>Salmonella</i> and <i>E. coli</i> population during storage in edible bird nest (EBN) (140 days, RT and 4°C). 13th International Symposium on Applied Engineering and Sciences (SAES 2025). 10-11th November 2025, Universiti Putra Malaysia</p> <p>3. Wen-Li Seow, Ungku Fatimah Ungku Zainal Abidin, Nor-Khaizura Mahmud @ Ab Rashid, Nor Ainy Mahyudin, Rukman Awang hamat, Noor Azira Abdul-Mutalib. Prevalence and correlation of <i>Salmonella</i> spp. in raw and cooked chicken prepared by home-based food operators in Klang Valley, Malaysia. 13th International Symposium on Applied Engineering and Sciences (SAES 2025). 10-11th November 2025, Universiti Putra Malaysia.</p> <p>4. Lee Epeng, Abdul Mutalib Noor Azira, Son Radu, Mahmud Ab Rashid Nor Khaizura, Nordin Noordiana, New Chia Yeung. Prevalence and Antibiotic Resistance of <i>Vibrio</i> spp. in Shrimps from Different Retail Markets. 3rd International Food Research Conference. August 6-8 2024. Palm Garden Hotel, Putrajaya.</p> <p>5. Epeng Lee, Noor Azira Abdul-Mutalib, Son Radu, Nor-Khaizura Mahmud Ab Rashid, Noordiana Nordin, Chia Yeung New. Molecular Detection of <i>Salmonella</i> spp. and Pathogenic <i>Vibrio parahaemolyticus</i> in Shrimps from Retail Markets. 5th International Food Safety Colloquium. May 6th 2024. Nong Lam University, Vietnam.</p> <p>6. Wen-Li Seow, Ungku Fatimah Ungku Zainal Abidin, Nor Khaizura Mahmud @ AbRashid, Nor Ainy Mahyudin, Rukman Awang Hamat and Noor Azira Abdul Mutalib. Antimicrobial Resistant <i>S. Enteritidis</i> and <i>S. Typhimurium</i> found in meat products in Malaysia. 5th International Food Safety Colloquium. May 6th 2024. Nong Lam University, Vietnam.</p> <p>7. Norfaziey Aini Sukarno, Nurul Hawa Ahmad, Nor-Khaizura Mahmud Ab Rashid and Noor Azira Abdul Mutalib. Advancements in Thermal Treatment Techniques for Improving Food Safety in Low-Moisture Foods (LMFs). 5th International Food Safety Colloquium. May 6th 2024. Nong Lam University, Vietnam.</p> <p>8. Esther Renjitham Crithappa, Noor Azira Abdul-Mutalib. Prevalence and Antibiogram of <i>Listeria monocytogenes</i> in Ready-to-Eat Food Sold at Night Markets in Klang Valley, Malaysia. 3rd Penang International Conference on Hospitality. September 13-14 2023. UNIVERSITI TEKNOLOGI MARA.</p> <p>9. Lee Epeng and Noor Azira Abdul-Mutalib. Prevalence of <i>Vibrio</i> spp. and <i>Salmonella</i> spp. in Shrimps from Different Retail Market. The 3rd International Joint Symposium on Agriculture and Food Security. Virtual Conference / September 9th 2023. MAE FAH LUANG UNIVERSITY, THAILAND.</p>

10. Lee Epeng, Nuzul Norahya Jambari, Son Radu, and **Noor Azira Abdul-Mutalib**. Molecular and Phylogenetic Characterization of Multidrug Resistant Extended-Spectrum Beta-Lactamase producing *Escherichia coli* Isolated from Lettuce and Bean Sprouts. 10th International Symposium on Applied Engineering and Sciences (SAES 2022). Virtual Conference / 12th-14th December 2022.
11. Tee Xue Wei, **Noor Azira Abdul Mutalib**. A systematic review: *Salmonella* biofilm on food contact surfaces and the efficacy of chemical disinfectants. 8th International Symposium on Applied Engineering and Sciences (SAES 2020). Virtual Conference / 5th-8th December 2021

Farah Jasmina Mohamad Fauzi, **Noor Azira Abdul-Mutalib**. Knowledge, and Practice of Home-Based Food Handlers in Hulu Selangor, Malaysia Regarding Food Safety. The 2nd International Electronic Conference on Foods -Future Foods and Food Technologies for a Sustainable World. Online Conference / 15th-30th October 2021.
12. Tiew Kah Yuet, Seow Wen Li, Son Radu, Ainul Zakiah Abu Bakar and **Noor Azira Abdul-Mutalib**. Methicillin resistant *Staphylococcus aureus* in cooked food and hands of food handlers in Klang Valley, Malaysia. 8th International Symposium on Applied Engineering and Sciences (SAES 2020). Virtual Conference / 12th-19th December 2020.
13. Wen-Li Seow, Nor Ainy Mahyudin, Syafinaz Amin-Nordin, Son Radu, **Noor Azira Abdul-Mutalib**. Molecular detection of methicillin-resistant *Staphylococcus aureus* among food handlers' hands and cooked food. 8th International Symposium on Applied Engineering and Sciences (SAES 2020). Virtual Conference / 12th-19th December 2020.
14. Nurul Wahida Zainal Abidin, Ainatul Nadia Rusnan, Son Radu, **Noor Azira Abdul Mutalib**. Detection of emetic toxin producing *Bacillus cereus* in raw brown rice and raw glutinous rice. The 7th Symposium on Applied Engineering and Sciences 2019 (SAES 2019). 11 -12 November 2019, UPM, SELANGOR, MALAYSIA.
15. **Noor Azira Abdul Mutalib**, Risa Yunisari Iskandar, Son Radu. Microbiological safety of kitchen sponges and its correlation with hygiene level of food establishments. The 6th Symposium on Applied Engineering and Sciences 2018 (SAES 2018). December 15 - 16, 2018. KYUSHU, JAPAN.
16. Rusnan, A.N., **Abdul-Mutalib, N. A.**, and Nordin, N. Prevalence, emetic toxin gene profile and antibiotics resistance of *Bacillus cereus* strains isolated from rice. Food Safety Postgraduate Mobility Program. October 30th 2018. BOGOR AGRICULTURAL UNIVERSITY, INDONESIA.
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Other publications	<ol style="list-style-type: none"> 1. Noor Azira Abdul Mutalib, Keselamatan Makanan ketika Ramadan Tanggungjawab Semua. 2022. Berita Harian 2. Farah Adibah Che Ishak, Noor Azira Abdul Mutalib, Nurul Hanisah Juhari, Ainul Zakiah Abu Bakar, 2018. Please Have a Seat. Nature's Yield And Wonders of Art (NYAWA) 18 : Earth to Sky, Galeri Serdang, Universiti Putra Malaysia, National, MALAYSIA, 2018 3. Farah Adibah Che Ishak, Noor Azira Abdul Mutalib, Ainul Zakiah Abu Bakar, Nor Afizah, Nurul Hanisah Juhari. 2019. - Sensational Hydrocolloids. Nature's Yield and Wonders of Art (NYAWA '19) : FOOD, Galeri Serdang, Universiti Putra Malaysia, National, MALAYSIA, 2019
Copyright	<ol style="list-style-type: none"> 1. Noor Azira Abdul Mutalib. 2024. Modul kursus Micro-Credential (MC) Keselamatan Makanan bagi Pengendali Makanan Sediaan di Rumah. LY2024W08576 2. Ahmad Muhaimin Roslan, Noor Azira Abdul Mutalib. 2024. A Survey to Understand Grease Trap and its Waste Management by Food Premises. LY2024W01787. 3. Sarina Abdul Halim Lim, Noor Azira Abdul Mutalib, Ungku Fatimah Ungku Zainal Abidin. 2025. Questionnaire Form To Assess The Influence Of Job Crafting And Burnout Towards Food Safety Practice Among Food Handlers In Private Hospital Kitchen. LY2025W12594. 4. Noor Azira Abdul Mutalib, Ahmad Muhaimin Roslan. 2025. Manual For Knowledge Transfer Program (Microorganisms In Food). LY2025W12515.

Project Title	Role	Year	Source of fund	Status
1. Makanan Selamat, Masa Depan Lestari: Memperkasa Murid SK Sri Serdang melalui Keselamatan Makanan, Pemakanan dan Pengurusan Sisa Makanan	Leader	2025	KTGS@ITAFoS	On-going
2. Assessing the Food Safety and Quality of Black Soldier Fly Larvae (BSFL) at Production Level and BSFL-based diet as Alternative Animal Feed	Member	2023	HICOE	On-going
3. Survival Kinetics of <i>Salmonella</i> and <i>E. coli</i> in Edible Bird Nest (EBN) during Storage and Subsequent Thermal Inactivation.	Principal investigator	2023	IPS	On-going
4. Microbial Risk Assessment of <i>Salmonella</i> in Chicken-Based Food and Factors Affecting Hygiene Conformance of Home-Based Food Handlers	Principal investigator	2023	FRGS	On-going
5. Determining the diversity of antimicrobial resistance bacteria and their resistance genes via One Health approach in manure, soil, vegetables, irrigation water and farm workers in selected organic farms via molecular method: a microbial risk assessment towards improving Malaysian good agriculture practice (MyGAP).	Member	2020	FRGS	On-going
6. Traceability of food safety hazards and critical point along the supply chain of seafood industry in Malaysia	Member	2019	MRUN	On-going
7. Effect of antimicrobial packaging on shelf-life of food	Member	2019	Newton-Ungku Omar Fund	Completed
8. Development of high yielding drought and high temperature tolerance rice varieties and mitigating drought effects on rice cultivation	Member	2019	TRGS	On-going
9. Strategic integrated measure on advocating ideas2: A comprehensive fundamental, technical and public health approaches	Member	2019	MRUN	On-going
10. Prevalence of <i>Bacillus cereus</i> in selected foods served at government schools in Taiping, Perak and its correlation	Principal investigator	2018	-	Completed

	with knowledge, attitude and practice of the food handlers.				
11.	Prevalence of <i>Staphylococcus aureus</i> in cooked food and food handlers collected from various food premises in different local councils in Malaysia (MOFS)	Principal investigator	2018	IPM, UPM	Completed
12.	Evaluation of food safety culture in food service: towards improvement of food safety practices in Malaysia	Member	2018	FRGS	On-going
13.	Food waste management of different culture restaurants in Klang Valley, Malaysia	Member	2018		Completed
14.	Prevalence and Characterization of Extended Spectrum Beta-Lactamase (ESBL) production Escherichia coli in raw vegetables	Principal investigator	2018	IPS, UPM	Completed
15.	Factors associated with consumer food handling and food safety behaviors in Malaysia	Member	2018		Completed
16.	Emetic toxin producing <i>B. cereus</i> isolated from rice: prevalence, toxin gene profiles and its correlation with rice varieties and storage condition.	Principal investigator	2017	HICOE, MOE	Completed
17.	Molecular epidemiology of <i>Staphylococcus aureus</i> among food handlers and food in Klang Valley, Malaysia.	Principal investigator	2017	IPM, UPM	Completed
18.	A preliminary study on cytotoxicity assessment and microbial enumeration in natural and synthetic food flavourings (MOFS)	Principal investigator	2017	IPM, UPM	Completed
19.	Assessment of food safety culture in government hospital's kitchen using questionnaires on knowledge, attitude, practice and microbial assessment scheme.	Member	2017	-	Completed
20.	Self-Inspection (KENDIRI) Program in Boarding Schools Dining Hall: Effectiveness towards Prevention of Food Poisoning Incidences in Peninsular, Malaysia	Member	2017	MOH	Completed