

True education means giving and delivering knowledge and continuous learning throughout lifetime. There is no failure in educating mankind.

RASHIDAH SUKOR



Senior Lecturer
Faculty of Food Science & Technology
Universiti Putra Malaysia

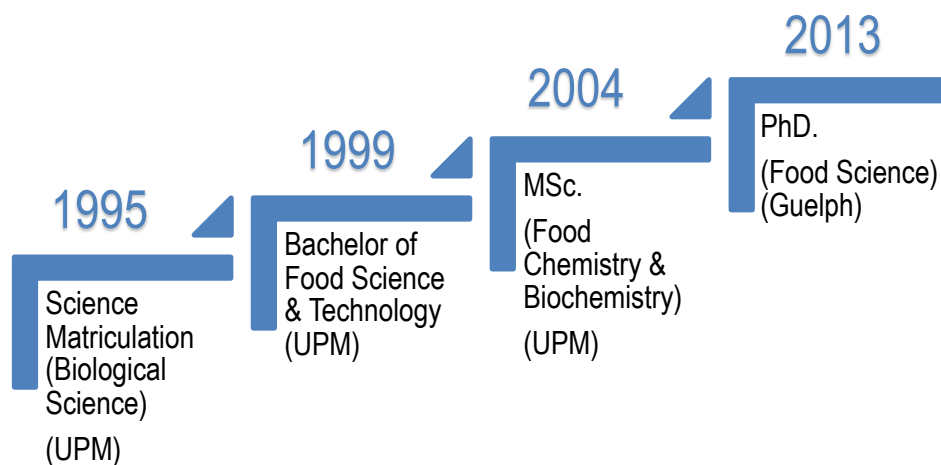
FACTS & FIGURES

Skills & specialization	Food Science	Food Safety	Food Chemistry	Protein
	Diagnostics	Immunoassay	Analytical Chemistry	Antibodies
H-index	8 (Scopus); 11 (Google Scholar)			
Citation	192 (Scopus); 280 (Google Scholar)			
Researcher ID	Scopus: 57189367171 ORCID: 0000-0001-6988-8624 Google Scholar/ Research Gate/ LinkedIn: Rashidah Sukor			
Supervision	<i>Graduated:</i> 2 PhD 1 MSc by research 8 Master by coursework 17 undergraduate		<i>On-going:</i> 2 MSc by research 2 Master by coursework 3 undergraduate	
Main advisor				
Co-advisor	3 PhD 1 MSc by research		3 PhD 2 MSc by research	
Publication	<i>Senior author</i> Q1/Q2: 7 Q3/Q4: 2 Scopus/ERA: 6 Book chapter: 1 Proceedings: 22		<i>Co-author</i> Q1/Q2: 13 Q3/Q4: 6 Scopus/ERA: 8 Book chapter: 2 Proceedings: 8	
Research Grants	<i>Main researcher</i> MYR 453,000		<i>Co-researcher</i> MYR 1,500,000	
Thesis Examiner	2			
Industry & Community Networking	15			

PERSONAL DETAILS

Designation	Senior Lecturer (DS51)
Date of appointment	19 th October 2013
Work address	Department of Food Science Faculty of Food Science and Technology Universiti Putra Malaysia 43400 Serdang, Selangor MALAYSIA
Email	rashidah@upm.edu.my
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ACADEMIC QUALIFICATIONS



SCIENTIFIC EXPERIENCE



Jan – Dec 2003	Research Assistant Fisheries Research Institute, Department of Fisheries, Batu Maung, Penang <i>Specialization: Food Analysis, Food Safety</i>
Jan 2004 – Apr 2006	Science Officer Doping Control Centre, Universiti Sains Malaysia, Penang <i>Specialization: Food Analysis, Food Safety, Drugs of Abuse</i>
May 2006 – Apr 2007	Tutor Department of Food Science Faculty of Food Science & Technology, UPM
May 2007 – 2012	PhD Candidate Department of Food Science, University of Guelph, Canada <i>Specialization: Food Science</i>
Oct 2013 – present	Senior Lecturer Department of Food Science Faculty of Food Science & Technology, UPM <i>Specialization: Food Science, Food Safety, Diagnostics</i>

AFFILIATION

Year	Role	
2013-2017	Professional member	Institute of Food Technologist, USA
2007-2013	Graduate member	Canadian Institute of Food Technologist
2016-present	Professional member	Malaysian Institute of Food Technologist
2019-present	Professional member	Malaysian Nutrition Society
2017-present	Research Associate	Institute of Tropical Agriculture & Food Security, UPM
2013-2017	Research Associate	Food Safety Research Centre, Faculty of Food Science & Technology, UPM
2013-present	Ordinary member	University of Guelph Alumni Association
2013-present	Ordinary member	Alumni Association of UPM
2013-present	Ordinary member	Women Association of UPM (PERMATA)
2021	Ordinary member	National Kidney Foundation

ACCOLADES

	Title	Conferring Body	Year
Academic Awards	Bronze Medal: Education Innovation Challenge	International Islamic University Malaysia (IIUM)	2020
	Gold Medal: Putra Innovative Carnival in Teaching and Learning)	Centre for Academic Development (CADe), UPM	2019
	2 nd runner-up Poster Competition	International Food Research Conference 2019	2019
	Best Research paper (Poster competition)	Asian Australasian Dairy Goat Council	2018
	Best Research Paper (Food Safety)	Malaysian Institute of Food Technologist (MIFT)	2017
	1 st runner-up Poster Competition	Universiti Sains Malaysia	2017
	International Bursary	University of Guelph	2013
	International Travel Award	Ontario Agricultural College, University of Guelph	2009
	Best Final Year Project	Dewina Food Industries Sdn. Bhd.	1999
	Motohiro Award for Best student in academic enrolled in Food Science programme	Motohiro Foundation (Japan)	1995
	Best Overall Student in Academic	Centre of Matriculation Studies, UPM	1995
Non-Academic Awards	Excellent Service Certificate	Universiti Putra Malaysia	2020
	Excellent Service Certificate	Universiti Putra Malaysia	2019
	Excellent Service Certificate	Universiti Putra Malaysia	2018
	Excellent Service Certificate	Universiti Putra Malaysia	2017
	Excellent Service Award	Universiti Putra Malaysia	2016

TEACHING EXPERIENCE

Semester/Year	List of Courses taught
Post-graduate	FST5106: Techniques in Food Analysis FST5603: Food Diagnostics FST5604: Food Safety Toxicology
Under-graduate	FSM3207: Chemistry and Functionality of Food Components FST4610: Food Quality Management FST4608: Food Safety FST3201: Basic Food Microbiology FST3107: Introduction to Food Chemistry FST3003: Introduction to Food Science FSM4901: Industrial Training FST4606: Rapid Methods in Food Analysis FST4602: Chemical Food Safety FCE3204: Thinking Skill (Faculty of Educational Studies)

PUBLICATIONS

No.	Journal article	ISI/Scopus
2021		
1.	Mustafa, R. R., *Sukor, R. , Saari, N., & Mohd Nor, S. M. (2021). Enhancement of binding affinity of anti-hapten polyclonal IgG recognizing mitragynine using affinity purification. <i>Pertanika Journal of Science and Technology</i> , 29(4), 2451-2464. https://doi.org/10.47836/pjst.29.4.11	Scopus-cited; 47 th percentile, IF 1.1
2.	Pirouz, A.A., Jinap, S., Sukor, R. , Jambari, N.N. (2021) Effective detoxification of aflatoxin B1 and ochratoxin A using magnetic graphene oxide nanocomposite: Isotherm and kinetic study, <i>Coatings</i> , 11(11), 1346; https://doi.org/10.3390/coatings11111346	JCR Q2; IF 2.881
3.	Fakhlaei, R., Jinap, S., Abdull Razis, A.F., Sukor, R. , Ahmad, S., Babadi, A.A., Khatib, A. (2021) <i>In vivo</i> toxicity evaluation of sugar adulterated <i>Heterotrigona itama</i> honey using zebrafish model. <i>Molecules</i> , 26(20), 6222; https://doi.org/10.3390/molecules26206222	JCR Q2; IF 4.411
4.	Tan, C., 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. <i>Foods</i> , 10(9), 2174. https://doi.org/10.3390/foods10092174	JCR Q2 IF 4.35
5.	Akhmet Z., Zhaxylykova G., *Sukor R. , Serikbayeva A., Myrzabek K. (2021) Incidence of hormonal growth stimulant and antibiotics residues in chicken meat, <i>Potravinarstvo Slovak Journal of Food Sciences</i> , 15, 608-615. https://doi.org/10.5219/1663	Scopus-cited; 38 th percentile, IF 1.6
6.	Shamsudin, S., Selamat, J., Sanny, M., Jambari, N. N., & Sukor, R. (2021). Kesan madu kelulut ke atas pembentukan amina heterosiklik toksigenik dalam sate daging lembu. <i>Buletin Teknologi MARDI</i> , 23, 109-119.	Non-Scopus cited
7.	Mustafa, R. R., *Sukor, R. , Eissa, S., Shahrom, A. N., Saari, N., & Nor, S. M. M. (2021). Sensitive detection of mitragynine from <i>Mitragyna speciosa</i> Korth using an electrochemical immunosensor based on multiwalled carbon nanotubes/chitosan-modified carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 345, 130356. https://doi.org/10.1016/j.snb.2021.130356	JCR Q1; IF 7.1
8.	Azri, F.A., Jinap, S., Sukor, R. , Eissa, S., Zourob, M., Chinnappa, R., Yusof, N.A., Raston, N.H.A. (2021) Determination of minimal sequence for zearalenone aptamer by computational docking and application on an indirect competitive electrochemical aptasensor. <i>Analytical and Bioanalytical Chemistry</i> , 1-12. doi: 10.1007/s00216-021-03336-1	JCR Q1; IF 3.637
9.	Salim, S.A., *Sukor, R. , Ismail, M.N., Jinap, S. (2021) Dispersive Liquid-Liquid Microextraction (DLLME) and LC-MS/MS Analysis for Multi-Mycotoxin in Rice Bran: Method Development, Optimization and Validation. <i>Toxins</i> , 13(4), 280; https://doi.org/10.3390/toxins13040280	JCR Q1; IF 3.531
10.	Mohsin, A.Z., *Sukor, R. , Mustapha-Kamil, Y., Shatar, L., Selamat, J., Meor-Hussin, A.S., Ismail, I.H., Mahdi, M.A. (2021) Sensitive detection of goat α s1-casein using tapered optical fiber sensor. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 27(4), 5600507. doi: 10.1109/JSTQE.2020.3045131	JCR Q1; IF 4.917
2020		
11.	Esua, J.O., Chin, N.L., Yusof, Y.A., Sukor, R. (2020) A review on individual and combination technologies of UV-C radiation and ultrasound in postharvest handling of fruits and vegetables, <i>Processes</i> , 8 (11), 1433. https://doi.org/10.3390/pr8111433	JCR Q2; IF 2.753
12.	Fakhlaei, R., Selamat, J., Khatib, A., Razis, A.F.A., Sukor, R. , Ahmad, S., Babadi, A.A. (2020) The toxic impact of honey adulteration: A Review. <i>Foods</i> , 9(11), 1538. https://doi.org/10.3390/foods9111538	JCR Q1; IF 4.092
13.	Mohsin, A.Z., *Sukor, R. , Selamat, J., Meor Hussin, A.S., Ismail, I.H., (2020) A highly selective two-way purification method using liquid chromatography for isolating α s2-casein from goat milk of five	JCR Q2; IF 3.004

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different breeds. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, 1160, 122380. <https://doi.org/10.1016/j.jchromb.2020.122380>

14. Nor Hasyimah, A.K., Jinap, S., Sanny, M., Ainaatul, A.I., **Sukor, R.**, Jambari, N.N., Nordin, N., Jahurul, H.A. (2020) Effect of honey-spices marination on polycyclic aromatic hydrocarbons and heterocyclic amines formation in gas-grilled beef satay, *Polycyclic Aromatic Compounds*, 1-29. doi: 10.1080/10406638.2020.1802302 **JCR Q3; IF 1.894**
15. Shamsudin, S.; Selamat, J.; Sanny, M.; Jambari, N.N.; **Sukor, R.**; Praveena, S.M.; Khatib, A. (2020) The inhibitory effects of *Heterotrigna itama* honey marinades on the formation of carcinogenic heterocyclic amines in grilled beef satay. *Molecules*, 25(17), 3874. doi:10.3390/molecules25173874 **JCR Q2; IF 3.267**
16. Iqbal, S.Z., Rehman, B., Selamat, J. Akram, N., Ahmad, M.M., Sanny, M., **Sukor, R.**, Samsudin, N.I. (2020) Assessment of Fumonisin B1 Concentrations in Wheat and Barley Products in the Punjab Region of Pakistan. *Journal of Food Protection*, 83 (8), 1284-1288. doi: 10.4315/0362-028X.JFP-19-361 **JCR Q4; IF 1.581**
17. Mohsin, A.Z., ***Sukor, R.**, Selamat, J., Meor Hussin, A.S., Ismail, I.H., Noorahya, N.N., Mustaffa-Kamal, F. (2020) Generation of high affinity anti-peptide antibodies recognizing the native goat α_{s1} -casein. *Molecules*, 25 (11), 2622. <https://doi.org/10.3390/molecules25112622> **JCR Q2; IF 3.267**
18. Anzian, A., Nuhialdin, B.J., Mohammed, N.K., Kadum, H., Marzlan, A.A., **Sukor, R.**, Meor-Hussin, A.S. (2020) Antibacterial activity and metabolic profiling of torch ginger (*Etlingera elatior* Jack) flower oil extracted using sub-critical carbon dioxide (CO₂). *Evidence-based Complementary and Alternative Medicine*, 1-8. <https://doi.org/10.1155/2020/4373401> **JCR Q3; IF 1.813**
19. Hasbullah, H.B., A.Talib, R., **Sukor, R.**, Othman, S.H., Ariffin, H. (2020) Effect of synthesis temperature on the size of ZnO nanoparticles derived from pineapple peel extract and antibacterial activity of ZnO–starch nanocomposite films. *Nanomaterials*, 10, 1061. <https://doi.org/10.3390/nano10061061> **JCR Q2; IF 4.324**
20. Azri, F.A., Eissa, S., Zourob, M., Chinnappa, R., **Sukor, R.**, Yusof, N.A., Raston, N.H.A., Alhosnani, A., Jinap, S. (2020) Electrochemical determination of zearalenone using a label-free competitive aptasensor. *Micro Chimica Acta*, 187, 266. doi: 10.1007/s00604-020-4218-7 **JCR Q1; IF 6.232**
21. Mohammed, N.K., Muhialdin, B.J., Masri, S., **Sukor, R.**, Meor-Hussin, A.S. (2020) Chemical compositions, antioxidant and antimicrobial activities of tubu (*Pycnarrhena Longifolia*) leaves used as ingredient in traditional functional foods. *Food Research*, 4(3), 823 – 830. doi: 10.26656/fr.2017.4(3).285 **Scopus-cited; IF 0.5**
22. Mustafa, R.R., ***Sukor, R.**, Mohd Nor, S.M., Nazamid, S., Azri, A.A. (2020) Enhancing extraction yield and purity of mitragynine from *Mitragyna speciosa* through sequential solvent extraction and characterisation using NMR technique. *International Journal of Scientific and Technology Research*, 9(3), 3846-3854 **Scopus-cited; IF 0.2**
23. Basha, R.K., Abuhan, N.F., Othman, S.H., Noor-Hasnan, N.Z., **Sukor, R.**, Azmi, N.S., Mohd-Amin, N.A., Mohd-Dom, Z. (2020) Mechanical properties and antioxidant activity of sweet potato starch film incorporated with lemongrass oil. *Advances in Agricultural & Food Research Journal*, 1(2). <https://doi.org/10.36877/aafjr.a0000137> **MyCite**

2019

24. Ishak, A.A., Jinap, S., Sulaiman, R., **Sukor, R.**, Abdulmalek, A., Jambari, N.N. (2019) 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 **JCR Q2; IF 3.267**
25. Azri, F.A., Selamat, J., **Sukor, R.**, Yusof, N.A., Nurul Hanun, A.R., 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 **JCR Q2; IF 3.267**

26. Esua, J.O., Chin, N.L., Yusof, Y.A., **Sukor, R.** (2019) Combination of ultrasound and ultraviolet-C irradiation on kinetics of colour, firmness, weight loss and total phenolic content changes in tomatoes during storage. *Journal of Food Processing and Preservation*, 43(10), e14161. doi: 10.1111/jfpp.14161 **JCR Q3; IF 1.405**
27. Esua, J.O., Chin, N.L., Yusof, Y.A., **Sukor, R.** (2019) Effects of simultaneous UV-C radiation and ultrasonic energy postharvest treatment on bioactive compounds and antioxidant activity of tomatoes during storage. *Food Chemistry*, 270, 113-122. doi: 10.1016/j.foodchem.2018.07.031 **JCR Q1; IF 6.306**
28. Mohsin, A.Z., ***Sukor, R.**, Jinap, S., Meor-Hussin, A.S., Hakimah, I. (2019) Chemical and mineral composition of raw goat milk as affected by breed varieties available in Malaysia. *International Journal of Food Properties*, 22(1), 815-824. doi: 10.1080/10942912.2019.1610431 **JCR Q2; IF 1.808**

2018

29. Muhiaddin, B.J., **Sukor, R.**, Ismail, N., Ahmad, S.W., Che Me, N., Meor-Hussin, A.S. (2018) The effects of fermentation and biological activity of spider flower (*Gynandropsis gynandra*). *Journal of Pure and Applied Microbiology*, 12(2), 497-504. doi: https://dx.doi.org/10.22207/JPAM.12.2.08 **JCR Q4; IF 0.073**
30. Azri, F.A., ***Sukor, R.**, Selamat, J., Bakar, F.A., Yusof, N.A., Hajian, R. (2018) Electrochemical immunosensor for the detection of aflatoxin B1 based on indirect competitive ELISA. *Toxins*, 10(5), 196 doi: 10.3390/toxins10050196 **JCR Q1; IF 3.531**
31. Zakuan, Z. Mustapa, S.S., **Sukor, R.**, Rukayadi, Y. (2018) Anti-fungal activity of *Boesenbergia rotunda* (temukunci) extract against filamentous spoilage fungi from vegetables. *International Food Research Journal*, 25(1), 433- 438 EID: 2-s2.0-85041305493 **JCR Q4; IF 0.610**
32. Kamarudin, S.A., Jinap, S., **Sukor, R.**, Foo, S.P., Sanny, M. (2018) Effect of fat-soluble anti-oxidants in vegetable oils on acrylamide concentrations during deep-fat frying of French fries. *Malaysian Journal of Medical Sciences*, 25(5):128–139. doi: 10.21315/mjms2018.25.5.12 **Scopus-cited; 68th Percentile, IF 1.4**

2017

33. Azri, F.A., Selamat, J., **Sukor, R.** (2017) Electrochemical immunosensor for the detection of aflatoxin B1 in palm kernel cake and feed samples. *Sensors*, 17, 2776. https://doi.org/10.3390/s17122776 **JCR Q1; IF 3.275**
34. Esua, J.O., Chin, N.L., Yusof, Y.A., **Sukor, R.** (2017) Antioxidant bioactive compounds and spoilage microorganisms of wax apple (*Syzygium samarangense*) during room temperature storage. *International Journal of Fruit Science*, 17 (2), 1-14. doi: 10.1080/15538362.2017.1285263 **Scopus; 56th Percentile, IF 1.6**
35. Johnson, O. Esua, Nyuk, L. Chin, Yus A. Yusof, **Sukor, R.** (2017) Postharvest deterioration of tomato (*Solanum lycopersicum*) and associated effects on antioxidant bioactive contents. *Acta Horticulturae*, 1152, 327-334. doi:10.17660/ActaHortic.2017.1152.44 **Scopus-cited; 11th Percentile, IF 0.4**
36. Azri, F.A., ***Sukor, R.**, Hajian, R., Yusof, N.A., Bakar, F.A., Jinap, S. (2017) Modification strategy of screen-printed carbon electrode with functionalized multi-walled carbon nanotube and chitosan matrix for biosensor development. *Asian Journal of Chemistry*, 29 (1), 31-36 **(Scopus; 18th Percentile, IF 0.6)**
37. Anzian, A., **Rashidah, S.**, Nazamid, S., Che, C.W.N.S., Meor Hussin, A.S. (2017) Chemical composition and antioxidant activity of torch ginger (*Etlingera elatior*) flower extract. *Food and Applied Bioscience Journal*, 5(1), 32-49. https://doi.org/10.14456/fabj.2017.4 **non-Scopus cited**
38. ***Sukor, R.**, Mohd Ayub, A.F., Norhasnida, Z., Nor-Khaizura, M.A.R. (2017) Influence of student's motivation in academic performance among non-food science students taking food science course. *International Journal of Academic Research in Progressive Education and Development*, 6(4), 104-112. http://dx.doi.org/10.6007/IJARPED/v6-i4/3528 **ERA-cited**

2016

39. Farah, A. A., ***Sukor, R.**, Fatimah, A.B., Jinap, S. (2016) Application of nanomaterials in the development of biosensors for food safety and quality control. *International Food Research Journal*, 23(5), 1849-1856. http://www.ifrj.upm.edu.my/23%20(05)%202016/(3).pdf **JCR Q4; IF 0.610**

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40. Sharmili, K., Jinap, S., **Sukor, R.** (2016) Development, optimization and validation of QuEChERS-based liquid chromatography tandem mass spectrometry method for determination of multi-mycotoxin in vegetable oil. *Food Control*, 70C, 152-160. doi: 10.1016/j.foodcont.2016.04.035 **(JCR Q1; IF 4.258)**
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- 2015**
41. Anis Shobirin, M.H., Che-Wan-Nur-Safraa, C.W.P., Fatimah, A.O., Rumaizah, M., **Sukor, R.** (2015) Effects of sugar sources and incubation time on the properties of tea fungus (Kombucha) beverage. *Journal of Probiotics and Health*, 3, 3. **Non-Scopus cited**
42. Arsad, P., **Sukor, R.**, Wan Ibadullah, W.Z., Mustapha, N.A., Meor-Hussin, A.S. (2015) Effects of enzymatic treatment on physicochemical properties of sugar palm fruit juice. *International Journal on Advanced Science, Engineering and Information Technology*, 5(5), 308-312. doi: 10.18517/ijaseit.5.5.577 **Scopus-cited; 67th Percentile, IF 2.0**
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No.	Chapter in Book	Publisher
1.	*R. Sukor, G, Balachandran, M.A.R. Nor-Khaizura and M. Nor-Ainy (2016) A case study on good hygiene practices in traditionally operating catering service: Warisan Baiduri Sdn. Bhd. In Jamal, S., Radzi, S.M., Sumarjan, N., Chik, C.T., Bakhtiar, M.F.S. (Eds.), <i>Innovation and Best Practices in Hospitality and Tourism Research</i> (pp. 289-293)	London: Taylor and Francis ISBN 978-1-138-02932-3
2.	M. Nor-Ainy, R.Nurul Ain, R. Sukor and M.A.R. Nor-Khaizura (2016) A qualitative study on hand hygiene knowledge and best practices among food handlers in selected kindergartens in Selangor In Jamal, S., Radzi, S.M., Sumarjan, N., Chik, C.T., Bakhtiar, M.F.S. (Eds.), <i>Innovation and Best Practices in Hospitality and Tourism Research</i> (pp. 279-283)	London: Taylor and Francis ISBN 978-1-138-02932-3
3.	M. Nor-Ainy, R.Nurul Ain, R. Sukor and M.A.R. Nor-Khaizura (2016) A case study on knowledge of hygiene among food handlers in Foodservice Complex, Universiti Putra Malaysia In Jamal, S., Radzi, S.M., Sumarjan, N., Chik, C.T., Bakhtiar, M.F.S. (Eds.), <i>Innovation and Best Practices in Hospitality and Tourism Research</i> (pp. 295-299)	London: Taylor and Francis ISBN 978-1-138-02932-3

No.	Proceedings	Level
1.	Chitrakhani, C., Songsermpong, S., Trevanicha, S., *Sukor, R. (2021) Effect of <i>Lactobacillus brevis</i> TISTR 860 and <i>Lactobacillus plantarum</i> TISTR 951 on gamma-aminobutyric acid content in fermented rice flour: feasibility study. 59 th Kasetsart University Annual Conference, 10-12 June, Bangkok, Thailand	International
2.	*Sukor, R. , Mohd Ayub, A.F., Nor Khaizura, M.A.R. (2020) Enhancement of Student Engagement in Food Science Course through XLearn Food Modules. Abstract presented in Malaysian International Convention on Education Research & Management 2020, 25-26 August, organized by IIUM Kulliyah of Education & WMIT Group Sdn. Bhd.	International
3.	*Sukor, R. , Mohd Ayub, A.F., Nor-Khaizura, M.A.R. (2019) XLearn Modules: Development and Enhancement of Student Engagement in Food Science Course, Abstract presented in Putra Innocreative in Teaching & Learning (PicTL), 16-17 October, Universiti Putra Malaysia, Serdang, Selangor	National
4.	Nur Hanis, S., *Sukor, R. , Meor Hussin, A.S., Rukayadi, Y. (2019) Isolation, identification and antibiotic susceptibility of bacteria from human breast milk, Abstract & Oral presentation in 7 th International Conference on Sustainable Agriculture, Food and Energy, 18-21 October, Phuket, Thailand	International
5.	Mohsin, A.Z., *Sukor, R. , Jinap, S., Meor-Hussin, A.S., Hakimah, I. (2019) Application of anti-peptide antibodies on tapered optical fiber sensor. Abstract & Oral presentation in 4 th International Conference on Molecular Diagnostics and Biomarker Discovery, 25-26 September, Bukit Jambul, Penang	International

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6. Mustafa, R.R., ***Sukor, R.**, Md.-Nor, S.M., Nazamid, S. (2019) Electrochemical Determination of Mitragynine using Carbon Electrode Modified with Multi-walled Carbon Nanotube and Chitosan, Abstract & Oral presented in 4th International Conference on Molecular Diagnostics and Biomarker Discovery, 25-26 September, Penang International
7. Asri, F.A., Jinap, S., **Sukor, R.**, Yusof, N.A., Nurul Hanun, A.R., Eissa, S., Zourob, M., Chinnappan, R. (2019) Development of Electrochemical Aptasensor for Rapid and Sensitive Detection of Zearalenone, Abstract & Oral presented in 4th International Conference on Molecular Diagnostics and Biomarker Discovery, 25-26 September, Bukit Jambul, Penang International
8. Mohsin, A.Z., ***Sukor, R.**, Jinap, S., Meor-Hussin, A.S., Hakimah, I. (2019) Identification of alpha-s1-casein in goat's milk from five different goat breeds using LC-MS/MS, Abstract & Oral presentation in 2nd International Food Research Conference, 27-29 August, Putrajaya International
9. Mustafa, R.R., ***Sukor, R.**, Wan Azman, W.M.S., Norlia, M. (2019) Prevalence of toxigenic *Aspergillus flavus* and *A. parasiticus* in rice bran, Abstract & Oral presentation in 2nd International Food Research Conference, 27-29 August, Putrajaya International
10. Ishak, A.A., Jinap, S., Sulaiman, R., **Sukor, R.**, Abdulmalek, A. (2019) Amino acids and sugar effects on the simultaneous formation of HCAs and PAHs using chemical model system, Abstract & Oral presentation in 2nd International Food Research Conference, 27-29 August, Putrajaya International
11. ***Sukor, R.**, Mohd Ayub, A.F., Nor-Khaizura, M.A.R. (2019) Relationship between Students' Engagement with Academic Performance among Non-Food Science Students Enrolled in Food Science Course, Full paper & oral presentation in 1st International Conference on STEM Education, 22-24 January, Universiti Sains Malaysia, Minden, Penang International
12. Mohsin, A.Z., ***Sukor, R.**, Jinap, S., Meor-Hussin, A.S., Hakimah, I. (2018) Purification of anti-peptide rabbit polyclonal antibody raised against α -s1-casein from goat's milk. Full paper presented at the 4th International Asian-Australasian Dairy Goat Conference, 17-19 October, Tra Vinh, Viet Nam. ISBN: 978-604-60-5807-9 International
13. ***Sukor, R.**, Subramaniam, T., Jinap, S., Sanny, M. Exposure assessment of Nursing Mothers to Aflatoxin M₁ through Dietary Intakes (2017) Poster presented in 1st APEC Mycotoxin Prevention in Food and Feed, 25-28 October, Beijing, China International
14. Sofiyatul, S., ***Sukor, S.**, Nazri, I., Jinap, S. (2017) Effect of temperature and mobile phase additives in multimycotoxin detection using liquid chromatography mass spectrometry (LC-MS/MS). Abstract & poster presented in 12th International Symposium in Science and Technology 2017, 14-16 August, Universiti Sains Malaysia, Minden, Penang International
15. Mohsin, A.Z., ***Sukor, R.**, Jinap, S., Meor Hussin, A.S., Hakimah, I. (2017) Amino acid and protein profiles of goat's milk from six different breed. Abstract & poster presented in International Food Research Conference, 25-27th July, Serdang, Selangor International
16. Ainatul, I., Jinap, S., **Sukor, R.**, Emilia, M. (2017) Effect of different amino acids conformation on the formation of carcinogenic heterocyclic amines (HCAs) Abstract presented in International Food Research Conference, 25-27th July, Serdang, Selangor International
17. ***Sukor, R.**, Baisuddin N. A., Nordin, N., Mohsin, A.Z., Roseliza, K.B. (2016) Antioxidant and antimicrobial properties of lemongrass oil and its application in cassava starch film. Abstract presented in International Conference on Sustainable Agriculture and Environment, 13-14th Dec, Ho Chi Minh City, Viet Nam International
18. ***Sukor, R.**, Thamilarasi, S., Jinap, S., Maimunah, S. (2016) Correlation between dietary intake of nursing mothers and aflatoxin M₁ in breast milk. Abstract presented in 4th Asia Pacific International Food Safety Conference & 7th Asian Conference on Food and Nutrition Safety- Advancing Food Safety in the ASEAN Community, 11-13th October, Georgetown, Penang International

19. Mustafa, R.R., ***Sukor, R.**, Md-Nor, S.M., Nazamid, S. (2016) Isolation and purification of mitragynine from *Mitragyna speciosa* leaves using conventional method. Abstract presented in Monash Science Symposium, 21-23 November, Subang Jaya, Selangor National
20. Izyani, A., ***Sukor, R.**, Roseliza, K.B., Meor-Hussin, A.S. (2016) Incorporation of Zinc Oxide as Antimicrobial Agent in Active Packaging. Abstract presented in International Conference-Sustainable Agriculture, Food and Energy, 20-22 October, Colombo, Sri Lanka International
21. Zakuan, Z., Rukayadi, Y. **Sukor, R.** (2016) Antifungal activity of *Piper cubeba* L. extract against fungal food spoilage isolated from different raw foods samples. Abstract presented in Research Symposium 2016 - Learn, Discover, Innovative, 12-13 April, Universiti Kebangsaan Malaysia, Bangi, Selangor National

No.	Other Publication
1.	*Sukor, R. , Mohsin, A.Z. (2016, November). Alergi makanan boleh mengundang maut. <i>Dewan Masyarakat</i> , 46-48 (Publisher: Dewan Bahasa & Pustaka)
2.	*Sukor, R. (2020) Expert panel technical report: Analysis of Immunoglobulin in milk powder formulation, Tunas Duta Cemerlang Sdn. Bhd. pp. 1-10
3.	Mahyudin, N.A., Sukor, R. (2015) Expert panel technical report: IFMP Partially Hydrolysed, Dutch Lady Milk Industries Bhd. pp.1-20

RESEARCH GRANTS

Project No.	Project Title	Role	Year	Source	Status
Geran Putra (GP/2020/9693800)	Exploring potential of hypoallergenic peptides of goat's milk-derived alpha-s1-casein for reduction of allergen-specific serum binding (MYR 50,000)	Leader	01 Dec 2020 –30 Nov 2022	Universiti Putra Malaysia	In progress
Transdisciplinary Research Grant Scheme (TRGS/1/2020/UPM)	Elucidation of factors and mechanisms affecting the safety and quality of buffalo milk and milk products	Member	01 Nov 2020 - 31 Oct 2023	Ministry of Higher Education	In progress
Fundamental Research Grant Scheme (FRGS/1/2020/STG04/ UPM/02/2)	Elucidating the protein-protein interactions of goat milk casein-whey mixtures as affected by processing factors	Member	01 Nov 2020 - 31 Oct 2023	Ministry of Higher Education	In progress
Malaysian Research University Network (UPM/800-4/11/MRUN /2019/5539130)	Unraveling food authentication biomarkers in village-fowl and broiler chickens	Member	01 Jan 2019 - 31 Dec 2021	Ministry of Higher Education	In progress
Geran Insentif Penyelidikan untuk Pengajaran dan Pebelajaran (GIPP)	Enhancement of student learning outcome through experiential learning activities in food science course (MYR 15,000)	Leader	15 Nov 2017- 14 Nov 2019	Centre for Academic Development (UPM)	Completed
Geran Putra Berimpak	Torch ginger (<i>Etlingera elatior</i>)	Member	01 Nov 2017- 30 Apr 2020	Universiti Putra Malaysia	Completed

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	essential oil as functional Ingredient in active packaging system for halal and toyibban food				
Geran Putra Berimpak	Properties evaluation on green-synthesised nano zinc oxide/ biopolymer composite films for food packaging and their antioxidant and antibacterial activities	Member	01 Dec 2017-31 May 2020	Universiti Putra Malaysia	Completed
Higher Institution Centre of Excellence (HICoE-ITAFoS/2017/FS4)	Safety and quality assessment of rice and rice by-products and impact on human health (MYR 180,000)	Leader	01 Jan 2017-31 Dis 2019	Ministry of Higher Education	Completed
Higher Institution Centre of Excellence	Prevalence of heavy metals and pesticide residues in paddy grain and their bioavailability	Member	01 Jan 2017-27 Dec 2019	Ministry of Higher Education	Completed
Higher Institution Centre of Excellence	Isolation and characterization of arsenic resistant bacteria from rice and its potential application as bioremediation agent	Member	01 Jan 2017-27 Dec 2019	Ministry of Higher Education	Completed
Transdisciplinary Research Grant Scheme (TRGS/1/2016/UPM/2/5/2)	Safety evaluation and quality assurance of goat's milk from different dairy goat-feeding strategies	Member	01 Dec 2016-30 Nov 2019	Ministry of Higher Education	Completed
Fundamental Research Grant Scheme (FRGS-MRSA/1/2016/STG01/UPM/01/1)	Identification of biomarkers for authenticity of honey through chemometrics and metabolomics approach	Member	01 June 2017-31 May 2019	Ministry of Higher Education	Completed
Geran Putra Siswazah (GP-IPS/2016/9507900)	Production of polyclonal antibodies for the sensitive and selective detection of alpha-s1 casein in goat's milk (MYR 20,000)	Leader	1 Dis 2016 – 1 Dis 2018	Universiti Putra Malaysia	Completed
Geran Putra Berimpak GP-IPB/2016/9483903	Investigation on recovery process of omega-3-fatty acids (FA) from microalgae (<i>nannochloropsis</i> sp.)	Member	01 Apr 2016 – 01 Apr 2018	Universiti Putra Malaysia	Completed
Fundamental Research Grant Scheme (FRGS/2/2014/SG01/UPM/02/4)	Conjugation strategies for drug-carrier protein attachment for the production of high affinity and specificity antibodies against mitragynine (MYR 118,000)	Leader	01 Dec 2014-30 Nov 2017	Ministry of Higher Education	Completed
Geran Putra Muda (GP-IPM/2014/9434800)	Assessing the toxicological risk of aflatoxin M1 in breast milk to infant (MYR 50,000)	Leader	01 Sept 2014-02 Sept 2016	Universiti Putra Malaysia	Completed
Geran Putra Siswazah (GP-IPS/2014/9433910)	Production of polyclonal antibodies for development of immunosensor for sensitive detection of aflatoxin B1 in peanut (MYR 20,000)	Leader	01 Sept 2014-02 Sept 2016	Universiti Putra Malaysia	Completed

PROFESSIONAL SERVICES

Position	Agencies/Bodies	Year
Programme Coordinator	Master of Food Security and Climate Change, Faculty of Food Science & Technology in collaboration with Faculty of Agriculture & Faculty of Forestry and Environment, UPM	2020-present
Auditor	Internal auditor SWA Accreditation, Centre for Quality Assurance (CQA), UPM	2017 - present
Academic Programme Assessor	Internal Auditor, MBOT Accreditation, Certificate of Food Processing & Quality Control, Kolej Komuniti Sabak Bernam, Selangor	2020
Academic Programme Assessor	External Auditor, Master of Science (Nutrition), Faculty of Science and Technology, Universiti Kebangsaan Malaysia	2018
Programme Coordinator	Master of Food Safety and Quality Assurance, Faculty of Food Science & Technology, UPM	2013-2017
Certified Food Analyst (Chemical)	Food Analyst Act 2011, Ministry of Health Malaysia	2018 - present
International Guest Lecturer	International Summer Programme, Kazakh National Agrarian University, Almaty, Kazakhstan	2018
Invited Speaker	2018 International Conference on Food Science and Technology, (FOSciTech), Universitas Mercu Buana, Yogyakarta, Indonesia	2018
International participant	Workshop on "Polymorphism of Different Fats as New Sources for Food Security", sponsored by German Academic Exchange Service (DAAD), Bangkok, Thailand	2018
International participant	Advanced Capacity Building for Mycotoxin Prevention and Control in Food and Feed Commodities in Asia-Pacific Conference, sponsored by Asia-Pacific Economic Corporation (APEC), Beijing, China	2018
Expert Panel	National Seminar on Food Safety, Nuclear Agency Malaysia, Ministry of Science, Technology & Innovation	2018
Chairman	Hands-on training and Course on "Analysis of Mycotoxin in Food and Feed", Institute of Tropical Agriculture and Food Security (ITAFoS), UPM	2017
Expert Panel	Forum on Food Adulteration, Malaysia External Trade Development Corporation (MATRADE) & Price Waterhouse Cooper (PwC)	2017
International Guest Lecturer	Food Safety Graduate Programme, Kazakh National Agrarian University, Almaty, Kazakhstan	2015
Chairman	Food Safety Mobility Programme (FOSMOB), University Gadjah Mada, Yogyakarta, Indonesia	2015
Expert Panel	National CODEX Joint Expert Committee on Food Additives (JECFA), Ministry of Health Malaysia	2014 - present
Research Associate	Laboratory of Food Safety and Integrity (FOSFI), Institute of Tropical Agriculture and Food Security (ITAFoS), UPM	2017-present
International participant	Workshop on "Fusarium toxins-Fumonisin, DON, T-2 toxin & Zearalenone", sponsored by SELAMAT Network, Beijing, China	2006