

## CURRICULUM VITAE



### PERSONAL INFORMATION

Name : Sharifah Aminah Syed Mohamad

Faculty/Dept : Community of Research (CoRe) Office  
Institute of Research Management and Innovation  
Universiti Teknologi MARA  
40450 Shah Alam,  
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Universiti Teknologi MARA,  
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Designation : Lecturer (Assoc Prof)

Current Position : Director (Pharmaceutical and Life Sciences)

Specialization : Molecular Microbiology and Biotechnology

### EDUCATION

PhD : PhD (Molecular Biology and Biotechnology)  
University of Sheffield (2007)

MSc : MSc (Biomedical Sciences)  
Galsgow Caledonian University (1997)

BSc : BSc (Hons) (Microbiology)  
University Malaya (1994)

### RESEARCH PROJECTS

1. Inhibitory Metabolites from Actinomycetes Effective Against Drug Resistance Mechanism in Gram-Positive Pathogen.  
Project Leader  
Bestari Grant, Universiti Teknologi MARA (RM 35,000)  
01/01/2018 – 31/01/2019
2. Antimicrobial Activities of Young Leaves and Whole Fruits of *Cynometra cauliflora*  
Member  
Lestari Grant, Universiti Teknologi MARA (RM 20,000)  
01/07/2017 – 30-06-2019
3. An Insight into Bile Salt Hydrolase (*bsh*) Gene from *Lactobacillus* spp. as a Potential Cholesterol Lowering Probiotic Bacteria  
Member  
Bestari Grant, Universiti Teknologi MARA (RM 25,000)  
01/01/2018 – 31/12/2019
4. Pendekatan Kreatif Meningkatkan Visibiliti Dan Kolaborasi - PLS  
Project Leader  
Lestari Grant, Universiti Teknologi MARA (RM 15,000)  
01/08/2017 – 31/07/2019
5. Characteristics of Lactic Acid Bacteria Communities from Three Stingless Bees in Malaysia  
Project Leader  
Bestari Perdana Grant, Universiti Teknologi MARA (RM 50,000)  
01/03/2017 – 30/04/2019
6. Determination of Concentration and Purity of DNA Using Nano Volume Spectrophotometer For High Accuracy  
Project Leader  
Bestari Makmal, Universiti Teknologi MARA (RM 59,945.12)  
01/01/2017 – 31/12/2018
7. High Resolution DNA and Protein Gel Imaging for Exceptional Performance and Safety Features By Multiple Excitation Sources for Nucleotide and Protein Stains.  
Project Leader  
Bestari Makmal, Universiti Teknologi MARA (RM 50,825.94)  
01/01/2017 – 31/12/2018
8. Elucidating the Glycgenome and Gycoproteome of the Antibiotic Resistant *Staphylococcus haemolyticus*  
Member  
Bestari Perdana Grant, Universiti Teknologi MARA (RM 50,000)  
01/09/2016 – 31/08/2018
9. An Animal Infection Study of Two Codonopsinine Derivatives Against Methicillin-Resistant *Staphylococcus aureus* (MRSA) Clinical Isolate.  
Project Leader  
LESTARI Grants Universiti Teknologi MARA (RM22,000)  
01/04/2016 – 31/03/2018
10. Electrochemical Deposition and Characterization of Antimicrobial Copper and Copper Alloy Coatings  
Member

Fundamental Research Grant Scheme (FRGS) (RM101,000)  
02/11/2015 – 01/10/2018

11. Exploring the Potential Role of Glycoproteins in Antibiotic Resistant *Staphylococcus epidermidis*

Member

Exploratory Research Grant Scheme (ERGS) (RM130,000)  
01/06/2013 – 30/05/2016

12. Genetic Authentication of *Phyllanthus Niruri Linn* (Dukung Anak) Based on Random Amplified Polymorphic DNA (RAPD) Technique

Member

Dana Pembudayaan Penyelidikan (RAGS) (RM80,000)  
15/09/2013 – 14/03/2016

13. Characterization of Bacteria from Landfill Soil Capable to Degrade Untreated Polystyrene

Member

Dana Pembudayaan Penyelidikan (RAGS) (RM80,000)  
15/09/2013 – 14/03/2016

14. Gene Expression Profiles during Biofilm Formation in *Staphylococcus capitis*.

Member

Fundamental Research Grant Scheme (FRGS) (RM91,000)  
15/11/2013 – 14/05/2016

15. Anodic Enzymatic Treated Palm Oils Mills Effluent Microbial Fuel Cell

Member

Dana Pembudayaan Penyelidikan (RAGS) (RM80,000)  
01/12/2014 – 30/11/2016

16. Antibiofilm Activities of Peptides from Natural Sources

Member

Fundamental Research Grant Scheme (FRGS) (RM90,000)  
01/12/2014 – 30/11/2016

17. A Study on Pigments Extracted from Local *Actinomycetes* Isolate

Project Leader

Research Intensive Funds (RIF), Universiti Teknologi MARA (RM32,000)  
01/07/2012 – 30/06/2014

18. Synthesis And Characterization Of Galactomannan Nanoparticles With Peptide Cross Links

Member

Research Intensive Faculty Fund, Universiti Teknologi MARA (RM9,445,00)  
01/12/2012 – 30/11/2014

19. Phylogenetic Relationship Of Nontypeable *Haemophilus Influenzae* Isolated In Malaysia

Member

Dana Kecemerlangan, Universiti Teknologi MARA, (RM10,000)  
01/07/2011 – 30/06/2013

20. Characterization Of The Surface Layer Glycoproteome of *Staphylococcus epidermidis* to Understand Their Potential Role In Biofilm Formation and Antibiotic Resistance

Member

Fundamental Research Grant Scheme (FRGS) (63,000)

27/12/2010 – 30/10/2012

21. Amplification and Analysis of *matk* Gene as DNA Barcoding for *Ficus deltoidea*  
Member  
Dana Kecemerlangan, Universiti Teknologi MARA, (RM9,000)  
15/06/2009 – 14/12/2012
22. Investigation of proteins involved in acid stress responses in the enteric pathogen *Shigella flexneri*.  
Member  
Fundamental Research Grant Scheme (FRGS) (RM97,000)  
01/11/2008 – 31/10/2011
23. Non Odourless Rubber (Getah Asli Nyahbau)  
Member  
FELDA Research Grant (RM156,000)  
01/01/2009 – 31/01/2011
24. Investigation of Proteins Involved In Acid Stress Responses In The Enteric Pathogen *Shigella flexneri*  
Member  
Fundamental Research Grant Scheme (FRGS), (RM97,000)  
01/11/2008 – 30/10/2011
25. Characterization of N-acetylglucosaminidase of *Staphylococcus aureus*  
Project Leader  
Fundamental Research Grant Scheme (FRGS) (RM117,000)  
01/11/2008 – 31/10/2011
26. Degradation of Soluble Elastin Films For The Detection Of Proteases  
Member(s)  
EScience Fund, Ministry of Science, Technology and Innovation (149,180.00)  
01/11/2017 – 31/04/2010

## PUBLICATIONS

1. Human milk as a potential source for isolation of probiotic lactic acid bacteria: a mini review. Mustakim, M., Sinawat, S., Salleh, S.N., Purwati, E., Alias, R., Syed Mohamad S.A. Food Research 2020. 4 (2), 274-285 2020
2. Norisoprenoids from *Asystasia gangetica* (L) T. Anderson var. *micrantha* (Acanthaceae). Kamarozaman A.S., Athirah Othman I., Ahmat N., Syed Mohamad S.A. Planta Medica 2019. 85 (18), P-198
3. Isolation of three flavonoids and a phenolic compound from *Macaranga hypoleucaei*. Nazeri H.M., Ahmat N., Kamarozaman A.S., Azmin N.F.N., Zawawi N.K.N.A., Syed Mohamad S.A. Planta Medica 2019. 85 (18), P-179
4. Chemical constituents, molecular docking, and acetylcholinesterase inhibitory activity of *Macaranga gigantean*. Johari M.S.M., Ahmat N., Abu B.S.I., Kamarozman A.S., Syed Mohamad S.A. Planta Medica. 2019. 85 (18), P-144

5. Inhibition properties of Actinobacteria extracts towards  $\beta$ -lactam resistance. Faizal P.A., Ismail N.H., Mohamad Low A., Mat Jaya N., Kamal N.S., Kamarozaman A.S., Ahmat N., Syed Mohamad S.A. *Planta Medica* 2019. 85 (18), P-337
6. Schiff base ligands derived from phenylenediamine and its metal complexes as enhancer against two mechanisms of antibiotic resistance. Mat Jaya N., Ismail N.H., Mohamad Low A., Bahron H., Faizal P.A., Kamal N.A., Syed Mohamad S.A. *Planta Medica*. 2019. 85 (18), P-466
7. Isolation of tetramer stilbenoids from *Shorea leprosula* Miq., acetylcholinesterase inhibitory activity and molecular docking study. Kamarozaman A.S., Ahmat N., Johari M.S.M, Hafiz Z.Z., Adenan M.I., Syed Mohamad S.A. *Planta Medica*. 2019. 85 (18), P-178
8. Antimicrobial activity and antibiotic resistance of lactic acid bacteria isolated from Malaysian stingless bee's gut. Nurul Ammar Illani Jaafar, Wan Razarinah Wan Abdul Razak, Sharifah Aminah Syed Mohamad. *Malaysian Journal of Microbiology*. 2019.15 (4), 233-241
9. Screening and Identification of *Pasteurella multocida* Capsular Types among Animal Cases in Malaysia. Noor Syahira Mohd Kamal, Nurul Azlyn Azmi, Puteri Nur Aliah Wan Faizal, Nik Aznita Fazni Nik Azmi, Ramlan Mohamed, Nur Intan Hasbullah, Anis Low Muhammad Low, Sharifah Aminah Syed Mohamad. *International Journal of Pharmaceutical Research*. 2018. 10 (1)
10. A Rapid Assay to Screen for Resistance Modifying Activities of DNA Gyrase Inhibitors from Manure Compost Actinomycete Extracts. Mohd Faiz Foong Abdullah, Anis Low Muhammad Low, Rozaini Mohd Zohdi, Sharifah Aminah Syed Mohamad. *International Journal of Pharmaceutical Research*. 2018. 10 (1)
11. Probiotic Properties of Lactic Acid Bacteria from Goat's Milk. Sharifah Aminah Syed Mohamad, Puteri Nur Aliah Wan Faizal, Nik Aznita Fazni Nik Azni, Noor Nadia Syahira Mohamad Kamal, Nur Hasyimah Azman, Anis Low Muhammad Low, Nur Intan Hasbullah. *International Journal of Pharmaceutical Research*. 2018. 10 (1)
12. Potential Toxic Effects of Rind Extract from *Citrullus lanatus* and *Cucumis melo* towards Bacteria. Sharifah Aminah Syed Mohamad, Nur Intan Hasbullah, Safiah Sabrina Hasan. *International Journal of Pharmaceutical Research*. 2018. 10 (1)
13. Phytochemical Content and Antimicrobial Potential Against Foodborne and Spoilage Bacteria of Extracts from *Areca catechu* and *Passiflora edulis*. Nik Aznita Fazni Nik Azmi, Muhammad Hilmi Shairazi, Noor Nadia Syahira Mohd Kamal, Puteri Nur Aliah Wan Faizal, Nik Aznita Fazni Nik Azmi, Anis Low Muhammad Low, Nur Intan Hasbullah, Sharifah Aminah Syed Mohamad. *International Journal of Pharmaceutical Research*. 2018. 10 (1)
14. Chromatographic Characterization of Hypophyllantin and Phyllantin in Methanolic Extracts from Three Common Phyllanthus Species in Malaysia. M Fazliyatun Shazlyana, M Sharifah Aminah Syed, M Emi Norzehan Mohamad. *Planta Medica International Open* 2017; 4(S 01): S1-S202. 2017. DOI 10.1055/s-0037-1608519.
15. Lupeol and resveratrol from the stem bark of *Shorea ovalis* (Dipterocarpaceae). A Rosmawati Abdul, A Norizan, M Sharifah Aminah Syed. *Planta Medica International Open* 2017; 4(S 01): S1-S202. DOI 10.1055/s-0037-1608265.

16. An alternative rapid screening technique to detect  $\beta$ -lactamase inhibitor from mangrove actinomycete extracts. A Suhaidi, M Sharifah Aminah Syed, A Mohd Faiz Foong, A Norizan. *Planta Medica International Open* 2017; 4(S 01): S1-S2022017. DOI 10.1055/s-0037-1608328
17. Changes on polystyrene surface and biofilm formation as indication of biodegradation by soil microorganisms. F Mohd Fadhil Mohd, M Sharifah Aminah Syed, J Siti Norazura. *Planta Medica International Open*. 2017. DOI 10.1055/s-0037-1608184
18. Extraction Natural Dyes from Actinomycetes using Microwave Assisted Extraction. Y Wan Mohd Fathil Wan, M Sharifah Aminah Syed. *Planta Medica International Open*. 2017. DOI 10.1055/s-0037-1608263.
19. Characterization of Copper Coating Electrodeposited on Stainless Steel Substrate. Nik Norziehana Che Isa, Yusairie Mohd, Mohammad Hafizuddin Mohd Zaki and Sharifah Aminah Syed Mohamad. *Int. J. Electrochem. Sci.*, 12 (2017) 6010 – 6021. DOI 10.20964/2017.07.58.
20. Electrodeposition and characterization of copper coating on stainless steel substrate from alkaline solution containing EDTA. Nik Norziehana Che Isa, Yusairie Mohd, Sharifah Aminah Syed Mohamad, Mohammad Hafizuddin Mohd Zaki. *Journal of Mechanical Engineering* Vol. SI, No. 2(1), 127-138, 2017
21. Comparison of Energy and Performance from Biodegradation of Freeze Dried and Spray Dried Algae Biomass. Comparison of Energy and Performance from Biodegradation of Freeze Dried and Spray Dried Algae Biomass. Muhamad Haikal Zainal, Khairul Baqir Alkhair Khairul Amin, Oskar Hasdinor Hassan, Sharifah Aminah Syed Mohamad, Abd Malik Marwan Ali, Fathiah Abdullah and Muhd Zu Azhan Yahya. *PERTANIKA Journal of Science and Technology*. Vol. 25 (S) Mar. 2017
22. Antibacterial activity of copper coating electrodeposited on 304 stainless steel substrate. Nik Norziehana Che Isa, Yusairie Mohd, Sharifah Aminah Syed Mohamad, and Mohammad Hafizuddin Mohd Zaki. *AIP Conference Proceedings* 1901. 2017. DOI 10.1063/1.5010446
23. Identification and Antimicrobial Properties of Malaysian Mangrove Actinomycetes. Suhaidi Ariffin, Mohd Faiz Foong Abdullah, Sharifah Aminah Syed Mohamad *International Journal on Advanced Science, Engineering and Information Technology*, Vol. 7 (2017) No. 1, pages: 71-77. 2017. DOI 10.18517/ijaseit.7.1.1113
24. *In Vitro* Evaluations and *In Vivo* Toxicity and Efficacy Studies of MFM501 against MRSA BioMed Research International Saiful Azmi Johari, Mastura Mohtar, Sharifah Aminah Syed Mohamad, Mohd Fazli Mohammad, Rohana Sahdan, Azman Mohamed and Mohamad Jemain Mohamad Ridhwan BioMed Research International Volume 2017 (2017) DOI 10.1155/2017/8032865
25. Taxonomic Diversity and Antimicrobial Activities of Actinomycetes from Manure Composts. *Research Journal of Microbiology*. 2015. DOI 10.3923/jm.2015.513.522
26. Identification And Optimal Growth Conditions of Actinomycetes Isolated From Mangrove Environment. Ameerah Abdul Hamid, Suhaidi Ariffin, Sharifah Aminah Syed Mohamad\* *Malaysian Journal Of Analytical Sciences*, Vol 19 No 4 (2015): 904 – 910 (Scopus Indexed)

27. Wheeler R, Turner RD, Bailey RG, Salamaga B, Mesnage S, Mohamad SA, Hayhurst EJ, Horsburgh M, Hobbs JK, Foster SJ (2015) Bacterial Cell Enlargement Requires Control of Cell Wall Stiffness Mediated by Peptidoglycan Hydrolases. *MBio*. July/August 2015 Volume 6 Issue 4 e00660-15 (Impact Factor: 6.786)
28. In Vitro Inhibitory and Cytotoxic Activity of MFM 501, a Novel Codonopsinine Derivative, against Methicillin-Resistant *Staphylococcus aureus* Clinical Isolates. Saiful Azmi Johari, Mastura Mohtar, Sharifah Aminah Syed Mohammad, Rohana Sahdan, Zurina Shaameri, Ahmad Sazali Hamzah, Mohd Fazli Mohammat. *BioMed Research International* 02/2015; 2015:823829. DOI: 10.1155/2015/823829 (Impact Factor: 1.58).
29. Nanopolyaniline as the Immobilization Template for Protein Molecules: SPR Monitoring of Immobilization Capacity and BSA/Antibsa Binding Interaction. *Physics And Materials Symposium: International Conference on Applied Sciences and Industrial Technology (ICASIT2015)*. AIP Conf. Proc. 1674, 020025 (2015); <http://Dx.Doi.Org/10.1063/1.4928843>.(Scopus)
30. Identification of Coagulase-Negative *Staphylococci* by *SodA* Gene Sequence Analysis. Aziyah Abdul-Aziz, Sharifah Aminah Syed Mohammad and Mohammad Faiz Foong Abdullah. *Current Research in Bacteriology*. 8 (3): 48-61, 2015. ISSN 1994-5426 / DOI: 10.3923/crb.2015.48.61. (SciAlert)
31. Fastness Properties and Color Analysis of Natural Colorants from Actinomycetes Isolates on Silk Fabric. *Proceedings of the International Colloquium in Textile Engineering, Fashion, Apparel and Design 2014 (ICTEFAD 2014)*. 2014. DOI 10.1007/978-981-287-011
32. Nornanysya, F.K., S.M. Sharifah Aminah\*, and S. Azemi (2013) Odourless Natural Rubber (ONR). *Journal of Rubber Research*. 16 (1): 15-35. (Impact Factor: 0.17)
33. Marian M.N., S.M.Sharifah Aminah\*, M.I. Zuraini, R. Son, M. Maimunah, H.Y. Lee, W.C. Wong, N. Elexson (2012) MPN-PCR Detection and Antimicrobial Resistance of *Listeria monocytogenes* Isolated from Raw and Ready-To-Eat Foods in Malaysia. *Food Control* 28:309-314. (Impact Factor: 3.388)
34. Effect of Medium Strength and Hormones Concentration on Regeneration of *Pogostemon cablin* using Nodes Explant. *Asian Journal of Biotechnology*. 2012. DOI 10.3923/ajbkr.2012
35. Norhazana Norizan, Norizan Ahmat, Sharifah Aminah Syed Mohammad, Nur Ainaa Atikah Mohd Nazri, Siti Saidatul Akmar Ramli, Sariza Natrah Mohd Kasim And Wan Zuraida Wan Mohd Zain (2012) Total Phenolic Content, Total Flavonoid Content, Antioxidant And Antimicrobial Activities Of Malaysian Shorea. *Research Journal of Medicinal Plant*. 6(7) : 489-499. (Impact Factor: 0.2)
36. Wibowo A., N. Ahmat, A.S. Hamzah, A.L.M. Low, S.A.S. Mohamad, H.Y. Khong, A.S. Sufian, N. Manshoor, H. Takayama (2012) Malaysianol B, an oligostilbenoid derivative from *Dryobalanops lanceolata*. *Fitoterapia*. 83 (8), 1569–1575. (Impact Factor: 2.408)
37. Dzaraini Kamarun, Ngajidin Mat Siman, Ramlan Mohamed, Yeoh No Na, Sharifah Aminah Syed Mohammad And Radin Siti Fadzlina Hirzin (2011) Detection Of Antibodies Against *Corynebacterium pseudotuberculosis* Using Surface Plasmon Resonance. *Malaysian Journal of Veterinary Research*. 2(2):17-25. (Impact Factor: 0.048)

38. Mohd Nazri N. A. A., N. Ahmat\*, A. Adnan, S. A. Syed Mohamad And S. A. Syaripah Ruzaina. (2011) *In Vitro* Antibacterial And Radical Scavenging Activities Of Malaysian Table Salad. *African Journal of Biotechnology* 10(30) : 5728-573. (Impact Factor: 0.3)
39. Clarke, S. R., K. J. Brummell, M. J. Horsburgh, P. W. McDowell, S. A. S. Mohamad, M. Stapleton, J. Acevedo, R. C. Read, N. P. J. Day, S. J. Peacock, J. J. Mond, J. F. Kokai-Kun, and S. J. Foster (2006). Identification of *In Vivo*-Expressed Antigens of *Staphylococcus aureus* and Their Use in Vaccinations for Protection against Nasal Carriage. *Journal of Infectious Diseases* 193:1098-1108. Infectious Disease Society of America (Online -ISSN 1083-351X Print - ISSN 0021-9258). (Impact Factor: 6.344)

## CONFERENCES

1. Chromatographic Characterization of Hypophyllantin and Phyllantin in Methanolic Extracts from Three Common Phyllanthus Species in Malaysia. 65th Annual Meeting of the Society for Medicinal Plant and Natural Product Research Basel, Switzerland, 3rd – 7th September 2017
2. Lupeol and resveratrol from the stem bark of *Shorea ovalis* (Dipterocarpaceae). 65th Annual Meeting of the Society for Medicinal Plant and Natural Product Research Basel, Switzerland, 3rd – 7th September 2017
3. An alternative rapid screening technique to detect  $\beta$ -lactamase inhibitor from mangrove actinomycete extracts. 65th Annual Meeting of the Society for Medicinal Plant and Natural Product Research Basel, Switzerland, 3rd – 7th September 2017
4. Changes on polystyrene surface and biofilm formation as indication of biodegradation by soil microorganisms. 65th Annual Meeting of the Society for Medicinal Plant and Natural Product Research Basel, Switzerland, 3rd – 7th September 2017
5. Extraction Natural Dyes from Actinomycetes using Microwave Assisted Extraction. 65th Annual Meeting of the Society for Medicinal Plant and Natural Product Research Basel, Switzerland, 3rd – 7th September 2017
6. Mikroorganisma berasosiasi dengan kelulut. Persidangan Kebangsaan Agrobiodiversiti (NAC 2016), TH Hotel & Convention Centre, Kuala Terengganu, Terengganu, 4 - 6 October 2016.
7. Energy Conversion from Biodegradation of Non-thermal Pre-treated Algae Biomass for Microbial Fuel Cell. M.H. Zainal, O.H. Hassanb, S.A.S. Mohamad, S.F. Aminuddin, T.I.T. Kudin, A.M.M. Ali, M.Z.A. Yahya. 2nd International Conference on Science and Social Research (CSSR) 2015
8. Time Kill and Acute Toxicity Properties of MFM501: A new synthetically-derived anti-MRSA Agent. Saiful Azmi Johari, Mastura Mohtar, Sharifah Aminah Syed Mohamad, Mohd Fazli Mohammat, Azman Mohammad & Mohammad Jemain Mohammad Ridhwan. Infections 2015 conference. Marriott Putrajaya.
9. Identification and Optimal Growth Conditions of Actinomycetes Isolated From Mangrove Environment Regional Conference on Sciences, Technology and Social Sciences (RCSTSS). 2014
10. Biofilm Formation and Susceptibility Towards Antimicrobial Agents in Local Clinical Isolates of *Staphylococcus epidermidis*. Aziyah Abdul-Aziz, Sharifah Aminah Syed



- Mohamad, Sahlawati Mustakim. IEEE Colloquium on Humanities, Science and Engineering (CHUSER 2012), Kota Kinabalu, Malaysia, 3 – 4 December 2012.
11. The Adaptative Acid Tolerance of *Shigella flexneri* Strain 307. Rachael John Story, Mohd Faiz Foong Abdullah and Sharifah Aminah Syed Mohamad. IEEE Colloquium on Humanities, Science and Engineering (CHUSER 2012), Kota Kinabalu, Malaysia, 3 – 4 December 2012
  12. Actinomycetes For Antimicrobial Discovery Isolated From Mangrove Soils In Malaysia. IEEE Symposium on Humanities, Science and Engineering Research (SHUSER 2012), Kuala Lumpur, Malaysia, 24 - 27 June 2012
  13. Antimicrobial Properties of Isolated Marine Actinomycetes from Mangrove Soils. Suhaidi A., Sharifah Aminah S. M., and Abdullah M. F. F.\* IEEE Symposium on Humanities, Science and Engineering Research (SHUSER 2012), Kuala Lumpur, Malaysia, 24 - 27 June 2012
  14. Sequence Analysis of Putative N-Acetylglucosaminidase, *SACOL2666* Gene in *S. aureus*. Khalida Ain Kusnan, \*Sharifah Aminah Syed Mohamad, Amaliawati Ahmad Latiffi, Mohd Faiz Foong Abdullah, Norfatimah Mohamed Yunus and Dzaraini Kamarun. IEEE Symposium on Humanities, Science and Engineering Research (SHUSER 2012), Kuala Lumpur, Malaysia, 24 - 27 June 2012
  15. Using Serotyping and RAPD to Characterize Isolated *Listeria monocytogenes* in Raw and Processed Foods. Nor Marian Muda, Sharifah Aminah Syed Mohamad\*, Zuraini Mat Issa, Maimunah Mustakim, Lee Hai Yen, Wong Woan Chwen And Son Radu. IEEE Symposium on Humanities, Science and Engineering Research (SHUSER 2012), Kuala Lumpur, Malaysia, 24 - 27 June 2012
  16. Treatment of Rubber Odour from Natural Rubber by Using Selected Disinfectant. Nornanysya, F.K., Sharifah Aminah, S.M.\*, Azemi, S., Dzaraini, K and Wan Mohd Fathil, W.Y. IEEE Symposium on Humanities, Science and Engineering Research (SHUSER 2012), Kuala Lumpur, Malaysia, 24 - 27 June 2012
  17. Screening and Identification of *Pasteurella multocida* Capsular Types among Animal Cases in Malaysia. Nurul Azlyn Azmi,\*Sharifah Aminah Syed Mohamad and Ramlan Mohamed. IEEE Symposium on Humanities, Science and Engineering Research (SHUSER 2012), Kuala Lumpur, Malaysia, 24 - 27 June 2012
  18. In Vitro regeneration of pogostemon cablin using Nodes Explant. Transaction of the Malaysian Society of Plant Physiology. 2011.
  19. Characterization of microorganisms involved in production of rubber odour by using Gas Chromatography-Mass Spectrometry. Proceedings of the 11th Symposium of the Malaysian Society of Applied Biology, Kota Bharu, Malaysia. 13-15 June 2010
  20. Analysis of IROMPs Production in *Pasteurella multocida* 6:B from cattle. Proceedings of the 11th Symposium of the Malaysian Society of Applied Biology, Kota Bharu, Malaysia 13-15 June 2010
  21. Cloning of an N-acetylglucosaminidase gene of *Staphylococcus aureus* in pBAD/His (B). Sharifah Aminah Syed Mohamad, Khalida Ain Kusnan. Proceedings of the 11th Symposium of the Malaysian Society of Applied Biology, Kota Bharu, Malaysia 13-15 June 2010

22. Characterization of Putative fur Regulatory Region of Local *Pasteurella multocida* 6:B isolate. Nurul Azyla Azmi, Sharifah Aminah Syed Mohamad, Ramlan Mohamed. Proceedings of the 11th Symposium of the Malaysian Society of Applied Biology, Kota Bharu, Malaysia 13-15 June 2010
23. Gas Chromatography-Mass Spectrometry Analysis of Microorganisms Involved in the Production of Rubber Odour. Nornanysya Feroze Khan, Sharifah Aminah Syed Mohamad, Azemi Samsuri. Proceedings of the 11th Symposium of the Malaysian Society of Applied Biology, Kota Bharu, Malaysia 13-15 June 2010
24. Detection and Identification of *Listeria monocytogenes* Isolated from Foods. Noor Marian Muda, Sharifah Aminah Syed Mohamad, Zuraini Mat Issa. Proceedings of the 11th Symposium of the Malaysian Society of Applied Biology, Kota Bharu, Malaysia 13-15 June 2010
25. The Effect of NaCl to the Expression of N-acetylglucosaminidase genes of *Staphylococcus aureus*. S.A. Syed Mohamad and S. J. Foster. International Symposium on Staphylococci and Staphylococcal Infections. International Symposium on Staphylococci and Staphylococcal Infections. Australian Society for Antimicrobials (ASA). Cairns, Australia 7 -10 Sept 2008

## PROFESSIONAL MEMBERSHIPS

Malaysian Society of Microbiology (Member)

Asian Federation of Biotechnology (AFOB) Malaysian Chapter. (Life Member)

## INNOVATION AND INVENTION

1. Kahfi Shield - Hygienic Coating  
Certificate of Reward (Silver)  
IIID Johor 2017  
9 March 2017
2. Gamma Lactam as Methicillin Resistant *Staphylococcus aureus* (MRSA) Inhibitors  
Gold Award  
IIDEX 2017  
25 – 29 Sept 2017

## TECHNICAL COMMITTEE AND CONSULTATION PROJECTS

1. Consultation Project - Sewage Treatment Plant Optimization (2009 – 2010)  
Indah Water Konsortium (RM 79,000)
2. Technical Committee - Spices and Condiment for Preparation of Standard Malaysia.  
SIRIM Berhad (2007 – 2010)

## POSTGRADUATE SUPERVISION

### Main Supervisor

| No. | Students Name          | MSc./PhD | Status    |
|-----|------------------------|----------|-----------|
| 1   | Noor Marian binti Muda | MSc      | Graduated |
| 2   | Nur Azlyn binti Azmi   | MSc      | Graduated |

|    |                                   |     |           |
|----|-----------------------------------|-----|-----------|
| 3  | Khalida Ain binti Kusnan          | MSc | Graduated |
| 4  | Nor Azyla binti Azmi              | MSc | Graduated |
| 5  | Nornanysya binti Feroze Khan      | MSc | Graduated |
| 6  | Wan Mohd Fathil Wan Yusoff        | MSc | Graduated |
| 7  | Suhaidi bin Ariffin               | PhD | Graduated |
| 8  | Aziyah binti Abdul Aziz           | PhD | Graduated |
| 9  | Saiful Azmi Johari                | PhD | Graduated |
| 10 | Nor Noor Nadia Syahira Mohd Kamal | MSc | On going  |
| 11 | Puteri Nur Aliah Wan Mohd Faizal  | MSc | On going  |
| 12 | Nur Shahida Mat Jaya              | MSc | On going  |
| 13 | Rabiatul Adawiyah Mohd Khalil     | MSc | On going  |
| 14 | Qasrina Izzati Zainal             | MSc | On going  |

### Co-Supervisor

| No. | Students Name                   | MSc./PhD    | Status    |
|-----|---------------------------------|-------------|-----------|
| 1   | Racheal John Story              | PhD         | Dismiss   |
| 2   | Anis Low bin Mohamad Low        | PhD         | Graduated |
| 3   | Nurul Hamirah Kamsani           | MSc (MD780) | Graduated |
| 4   | Wan Nurul Hidayah Wan Anuar     | MSc         | Graduated |
| 5   | Muhammad Haikal bin Zainal      | PhD         | Graduated |
| 6   | Khairul Baqir AlKhir            | PhD         | Graduated |
| 7   | Nurul Ammar Illani Binti Jaafar | MSc         | Graduated |
| 8   | Nik Norziehana Binti Che Isa    | PhD         | Graduated |
| 9   | Hamizah                         | PhD         | Graduated |
| 10  | Aisyah                          | PhD         | On going  |