

CURRICULUM VITAE



Dr. nor Iza Binti A.rahman

Senior Lecturer

Fakulti Perubatan, Kampus Perubatan, Universiti Sultan Zainal Abidin,
Terengganu Darul Iman.

Personal Information

Email : noriza@unisza.edu.my
Gender : Female
D.O.B : 28 October 1972
Age : 48
Race : Malay
Religion : Islam
Current Scheme: VK07
Started in UniSZA: 01 July 2009
Qualification : Master Mikrobiologi, *Universiti Sains Malaysia*, 2007.
Ijazah Sarjana Muda M.b.b.s, *Universiti Malaya*, 1997.
H-Index : [Scopus: 8][Google Scholar: 13]

Area of Research

Medical Microbiology, Infectious/ Communicable Diseases

Work Experience

House-officer, HSNZ (1997-1998)
Medical-officer, HSNZ (1998-1999)
Medical officer of health, Klinik Kesihatan Merchang, Klinik Kesihatan Bukit Payung (1999-2003)
Training on Master of Pathology (Medical Microbiology), USM (2003-2007)
Clinical Microbiologist, HRPZ II (2007)

Clinical Microbiologist, Hospital Pulau Pinang (2008-2009)
Medical Lecturer & Clinical Microbiologist, UniSZA (2009 till now)

Administrative Responsibility

1. Penyelaras (peperiksaan Pra Klinikal), Fakulti Perubatan, 01 Jul 2015 - 30 Jun 2017.
2. Penyelaras (penyelaras Makmal Fakulti Perubatan), Fakulti Perubatan, 01 Dec 2016 - 30 Nov 2018.
3. Ketua Unit (ketua Unit Makmal Fakulti Perubatan), Fakulti Perubatan, 01 Dec 2016 - 30 Nov 2018.
4. Ketua Pusat Pengajian (ketua Pusat Pengajian Sains Asas Perubatan), Fakulti Perubatan, 01 Jul 2019 - 30 Jun 2021.

Training

1. 13th International Medical Education Conference, 13 Apr 2018 - 15 Apr 2018, International Medical University, Kuala Lumpur

Publication

Journal Article

1. Disruption of The Cpse and Enda Genes Attenuates Streptococcus Pneumoniae Virulence: Towards The Development of a Live Attenuated Vaccine Candidate (2020), Vaccines, pp. 1-2, ISSN: 2076393X [*Indexed by: ISIQ2 - Co-author*]
2. Pilus Islets and The Clonal Spread of Piliated Streptococcus Pneumoniae: a Review (2020), International Journal of Medical Microbiology, pp. 1-2, ISSN: 14384221 [*Indexed by: Scopus - Main Author*]
3. Biocide Susceptibilities and Biofilm-Forming Capacities of Acinetobacter Baumannii Clinical Isolates from Malaysia (2019), Journal of Infection in Developing Countries, pp. 626-633, ISSN: 1972-2680 [*Indexed by: ISIQ4 - Co-author*]
4. Tigecycline and Inducible Clindamycin Resistance in Clinical Isolates of Methicillin-Resistant Staphylococcus Aureus from Terengganu, Malaysia (2019), Journal of Medical Microbiology, pp. 1299-1305, ISSN: 14735644 [*Indexed by: ISIQ4 - Co-author*]
5. Knowledge, Attitude and Practice of Malaysian Public University Students on Viral Hepatitis (2019), Advances in Human Biology, pp. 46-53, ISSN: 2321-8568 [*Indexed by: ISI - Main Author*]
6. Prevalence and Antimicrobial Susceptibilities of Acinetobacter Baumannii and Non-Baumannii Acinetobacters from Terengganu, Malaysia and Their Carriage of Carbapenemase Genes (2018), Journal of Medical Microbiology, pp. 1-6, ISSN: 0022-2615 [*Indexed by: ISIQ3 - Co-author*]

7. Knowledge, Attitude and Practice Towards Tuberculosis Among Community of Kulim Municipal Council, Kedah, Malaysia (2018), International Medical Journal, pp. 299-303, ISSN: 13412051 [*Indexed by: Scopus - Main Author*]
8. Cytotoxicity and Antifungal Properties of Hydroxychavicol Against *Trichophyton Rubrum* (2018), International Medical Journal Malaysia, pp. 31-36, ISSN: 18234631 [*Indexed by: ISI - Co-author*]
9. Assessment of Academic/non-Academic Factors and Extracurricular Activities Influencing Performance of Medical Students of Faculty of Medicine, Universiti Sultan Zainal Abidin, Malaysia (2018), Advances in Human Biology, pp. 3-18, ISSN: 2321-8568 [*Indexed by: ISI - Main Author*]
10. Acinetobacter Spp. Infections in Malaysia: a Review of Antimicrobial Resistance Trends, Mechanisms and Epidemiology (2017), Frontiers in Microbiology, pp. 1-2, ISSN: 1664302X [*Indexed by: ISIQ1 - Main Author*]
11. Ultra-Morphological Changes of *Trichophyton Rubrum* Treated with Hydroxychavicol (2017), International Medical Journal Malaysia, pp. 65-71, ISSN: 18234631 [*Indexed by: Scopus - Co-author*]
12. Knowledge, Attitude and Practices Among Mothers Regarding Childhood Obesity at Kuantan, Malaysia (2017), International Medical Journal, pp. 200 - 204, ISSN: 13412051 [*Indexed by: Other Index - Main Author*]
13. Assessment of First-Year Students' Metacognitive Ability in Faculty of Medicine, Universiti Sultan Zainal Abidin (unisza): Toward Curriculum Development (2017), Education in Medicine Journal, pp. 17-28, ISSN: 2180-1932 [*Indexed by: Other Index - Co-author*]
14. Antibiotic Therapy of Choice for Community-Acquired Pneumonia in Malaysian Hajj Pilgrims: The Pattern and Associated Factors (2017), Medical Studies-Studia Medyczne, pp. 199-207, ISSN: 1899-1874 [*Indexed by: ISI - Main Author*]
15. Antibiotic Prescribing and Resistance: Knowledge Level of Medical Students of Clinical Years of University Sultan Zainal Abidin, Malaysia (2016), Therapeutics and Clinical Risk Management, pp. 413-426, ISSN: 1178-203X [*Indexed by: ISIQ2 - Co-author*]
16. Knowledge, Attitude and Practice Regarding Exercise Among People Exercising in Gymnasium and Recreational Parks Around Kuantan, Malaysia (2016), Journal of Applied Pharmaceutical Science, pp. 47-54, ISSN: 22313354 [*Indexed by: Scopus - Main Author*]
17. Effect of Diet Counseling on Knowledge, Attitude and Practice and Quality of Life of Diabetic Patients in Kuantan, Malaysia (2016), Malaysian Journal of Public Health Medicine, pp. 156-166, ISSN: 16750306 [*Indexed by: Scopus - Main Author*]
18. A Systematic Review on Prevention of Methicillin-Resistant *Staphylococcus Aureus* Infection by Pre-Admission Screening: The Cost Effectiveness and Practicality (2016), Systematic Reviews in Pharmacy, pp. 1-19, ISSN: 09758453 [*Indexed by: Scopus - Main Author*]
19. Knowledge, Attitude and Practice of Malaysian Public University Students on Risk Factors for Cardiovascular Diseases (2016), Journal of Applied Pharmaceutical Science, pp. 056-063, ISSN: 22313354 [*Indexed by: Scopus - Main Author*]
20. The Prevalence of Cardiovascular Disease Risk Factors Among Students of International Islamic University Malaysia, Kuantan Campus (2016), Journal of Applied Pharmaceutical Science, pp. 51-57, ISSN: 22313354 [*Indexed by: Scopus - Main Author*]
21. Anti-Proliferative Effect of Duku (*lansium Domesticum Corr*) Extracts on Human Colorectal Adenocarcinoma Cell Lines (2016), Research Journal of Pharmaceutical, Biological and Chemical Sciences, pp. 09758585, ISSN: 09758585 [*Indexed by: Scopus - Co-author*]
22. Satisfaction Study of Using Hearing Protection Device Among Sawmill Workers in Kuantan, Malaysia (2016), International Journal of Pharmaceutical Research, pp. 50-56, ISSN: 0975-2366 [*Indexed by: Scopus - Co-author*]

23. Knowledge, Attitude and Practice Towards Smoking Among International Islamic University Malaysia Kuantan Communitie (2016), *International Medical Journal Malaysia*, pp. 19-26, ISSN: 18234631 [*Indexed by: ISI - Main Author*]
24. Professionalism Perspectives Among Medical Students of a Novel Medical Graduate School in Malaysia (2016), *Advances in Medical Education and Practice*, pp. 407-422, ISSN: 1179-7258 [*Indexed by: ISI - Co-author*]
25. The Characteristics of Hospitalized Pneumonia Patients Among Malaysian Hajj Pilgrims (2016), *Journal of Young Pharmacists*, pp. 284-290, ISSN: 09751483 [*Indexed by: ISI - Main Author*]
26. Internet Use and Addiction Among Medical Students of Universiti Sultan Zainal Abidin, Malaysia (2016), *Psychology Research and Behavior Management*, pp. 297-307, ISSN: 11791578 [*Indexed by: ISI - Co-author*]
27. Comparative Study on Drug Safety Surveillance Between Medical Students of Malaysia and Nigeria (2015), *Therapeutics and Clinical Risk Management*, pp. 1015-1025, ISSN: 11766336 [*Indexed by: ISIQ3 - Co-author*]
28. Assessment of Chemical Disinfectants Efficacy Against Escherichia Coli Biofilm Developed on Glass and Wood at Refrigeration and Room Temperatures (2015), *Journal of Applied Pharmaceutical Science*, pp. 74-79, ISSN: 22313354 [*Indexed by: Scopus - Co-author*]
29. Awareness of Pharmacovigilance Among Future House Officers; a Study Among First Batch of Final Year Medical Students of Unisza, Malaysia (2015), *International Journal of Pharmaceutical Research*, pp. 96-101, ISSN: 09752366 [*Indexed by: Scopus - Co-author*]
30. Evaluation of Biofilm Formation and Chemical Sensitivity of Salmonella Typhimurium on Plastic Surface (2015), *Journal of Applied Pharmaceutical Science*, pp. 118-125, ISSN: 22313354 [*Indexed by: Scopus - Co-author*]
31. Preparedness of Second Batch Unisza Medical Students Towards Bedside Teaching During Clinical Posting at University Sultan Zainal Abidin (2015), *International Journal of Pharmaceutical Research*, pp. 89-94, ISSN: 0975-2366 [*Indexed by: Scopus - Co-author*]
32. Stress Among First Batch of Mbbs Students of Faculty of Medicine and Health Sciences, Universiti Sultan Zainal Abidin, Malaysia: when Final Professional Examination is Knocking at The Door (2015), *International Medical Journal*, pp. 54-259, ISSN: 1341-2051 [*Indexed by: Scopus - Main Author*]
33. A Pilot Survey of Awareness and Knowledge of Human Papillomavirus (hpv), Cervical Cancer and Hpv Vaccine Among Men and Women Attending for Hpv Vaccination in Terengganu, Malaysia (2015), *International Journal of Pharmaceutical Sciences Review and Research*, pp. 242-246, ISSN: 0976 –044X [*Indexed by: Scopus - Co-author*]
34. Differential Biofilm Formation and Chemical Disinfection Resistance of Escherichia Coli on Stainless Steel and Polystyrene Tissue Culture Plate (2015), *International Journal of Research in Medical Sciences*, pp. 3300-3307, ISSN: 2320-6012 [*Indexed by: Other Index - Co-author*]
35. Evaluation of Doctors Performance as Facilitators in Basic Medical Science Lecture Classes in a New Malaysian Medical School (2015), *Advances in Medical Education and Practice*, pp. 231—237, ISSN: 1179-7258 [*Indexed by: ISI - Co-author*]
36. Perceptions of Students in Different Phases of Medical Education of The Educational Environment: Universiti Sultan Zainal Abidin (2015), *Advances in Medical Education and Practice*, pp. 211-222, ISSN: 1179-7258 [*Indexed by: ISI - Main Author*]
37. Awareness of Tadika's (kindergarten) Children Towards Healthy Lifestyle in Kuala Terengganu, Malaysia (2014), *Journal of Applied Pharmaceutical Science*, pp. 115-122, ISSN: 22313354 [*Indexed by: Scopus - Co-author*]
38. A Study on The Presence of Pathogenic Leptospira Spp. in Environmental Water Samples

- Obtained from Selected Recreational Areas in Terengganu, Malaysia (2014), Research J. Pharm. and Tech, pp. 1153-1157, ISSN: 0974-3618 [*Indexed by: Scopus - Co-author*]
39. Comparative Study of Professionalism of Future Medical Doctors Between Malaysia and Bangladesh (2014), Journal of Applied Pharmaceutical Science, pp. 66-71, ISSN: 2231-3354 [*Indexed by: Scopus - Co-author*]
 40. Preference of Teaching and Learning Methods in a New Medical School of Malaysia (2014), Journal of Applied Pharmaceutical Science 4 (2), Pp., pp. 48-55, ISSN: 22313354 [*Indexed by: Scopus - Co-author*]
 41. Assessment of Bangladeshi Interns' Knowledge of Pharmacology and Therapeutics for Prescribing (2014), Journal of Applied Pharmaceutical, pp. 43-51, ISSN: 22313354 [*Indexed by: Scopus - Co-author*]
 42. Patterns of Communicable and Non-Communicable Diseases in Pilgrims During Hajj (2014), Research Journal of Pharmacy and Tech, pp. 1052-1059, ISSN: 0974-3618 [*Indexed by: Scopus - Co-author*]
 43. Prevalence and Genetic Characterization of Carbapenem- and Polymyxin-Resistant Acinetobacter Baumannii Isolated from a Tertiary Hospital in Terengganu, Malaysia (2014), Isrn Microbiology, pp. 1-9, ISSN: 2356-7872 [*Indexed by: Other Index - Co-author*]
 44. Hepato-Protective Role of The Aqueous and N-Hexane Extracts of Nigella Sativa Linn. in Experimental Liver Damage in Rats (2013), Asian Journal of Pharmaceutical and Clinical Research, pp. 205-209, ISSN: 0974-2441 [*Indexed by: Scopus - Co-author*]
 45. Stress Among Preclinical Medical Students of University Sultan Zainal Abidin (2013), Journal of Applied Pharmaceutical Science, pp. 076-081, ISSN: 2231-3354 [*Indexed by: Scopus - Main Author*]
 46. Comparative Study on Professionalism of Fourthcoming Medical Doctors Between Two Private Medical Colleges in Savar, Bangladesh (2013), International Journal of Pharmacy and Pharmaceutical Sciences, pp. 1-7, ISSN: 0975-1491 [*Indexed by: Other Index - Co-author*]
 47. Addressing Rational Prescribers Through The Pharmacology and Therapeutics Course Work of Mbbs Syllabus in Bangladesh (2013), International Research Journal of Pharmacy, pp. 60-63, ISSN: 2230-8407 [*Indexed by: Other Index - Co-author*]
 48. Comparative Study of Professionalism of Future Medical Professionals among Three Private Medical Colleges of Bangladesh (2013), Asian Journal of Pharmaceutical and Clinical Research., pp. 170-179, ISSN: 0974-2441 [*Indexed by: Other Index - Co-author*]
 49. Comparative Study on Professionalism of Forthcoming Medical Doctors Between Two Private Medical Colleges in Savar, Bangladesh. (2013), Int J Pharm Pharm Sci., pp. 659-665, ISSN: 0975-1491 [*Indexed by: Other Index - Co-author*]
 50. Hepatoprotective Effect of Aqueous and N-Hexane Extract of Nigella Sativa in Paracetamol (acetaminophen) Induced Liver Diseases of Rats - a Histopathological Evaluation (2013), International Research Journal of Pharmacy, pp. 90-94, ISSN: 2230-8407 [*Indexed by: Other Index - Co-author*]

Conference Proceedings

1. Mechanism of Actions of Hydroxychavicol as an Antifungal Agent Against Trichophyton Rubrum (2017), Pahang Research Day, Hospital Tengku Ampuan Afzan - **Co-author**
2. 'hydroxychavicol as an Antifungal Agent Against Trichophyton Rubrum (2017), Terengganu Research Day, Hotel Regency Waterfront Trg - **Co-author**
3. Prevalence and Antibiotic Resistance Profiles of Acinetobacter Baumannii and Non-Baumannii Acinetobacters from a Tertiary Hospital in Terengganu, Malaysia (2017), Annual Scientific

- Meeting in Emerging Infectious Threat, The Royal Chulan Damansara - **Main Author**
4. Perception of The Educational Environment of a New Medical School in Terengganu, Malaysia (2014), 1st National Medical Undergraduate Research Conference International Medical University. Nilai, Negeri Sembilan 2014, Negeri Sembilan - **Co-author**

Research Grant

Principal Investigator

1. Non-Baumannii Acinetobacter Spp. as Emerging Pathogens and a Threat to Healthcare Settings: Their Prevalence, Antimicrobial Resistance and Genomic Characteristics of Malaysian Clinical Isolates, Skim Geran Penyelidikan Fundamental - Frgs, Government (2017), **Grant Value: RM200,500**
2. Isolation and Characterization of Multing-Resistant Clinical Isolates of Acinetobacter Spp. from Terengganu, Malaysia, Geran Agensi Luar, Government (2015), **Grant Value: RM30,000**

Co-Researcher

1. Surveillance of At-Risk Covid-19 Student and Staff in a Malaysian Higher Institution Using a Health Risk Assessment Apps System, Geran Dalam Universiti, University (2020), Grant Value: **RM25,000**
2. Genome Characterization and Evolution of Multidrug-Resistant Staphylococcus Aureus Clinical Isolates from Terengganu, Malaysia., Skim Geran Penyelidikan Fundamental - Frgs, Government (2019), Grant Value: **RM189,400**
3. Genomic Epidemiology and Dynamics of The Acinetobacter Baumannii Resistomes and Virulomes in Hospital Isolates from Terengganu, Skim Geran Penyelidikan Fundamental - Frgs, Government (2018), Grant Value: **RM199,500**
4. High Resolution Sequencing and Characterization of Ndm-1 and Oxa-58 Carbapenemase-Encoding Plasmids from Multidrug-Resistant Acinetobacter Baumannii Isolates from Terengganu, Malaysia, Geran Dalam Universiti, University (2018), Grant Value: **RM23,500**
5. Microbiome Characterization, Prevalence and Antimicrobial Susceptibility of Potential Microbial Pathogens Carried in The Upper Respiratory Tract of The Orang Asli Community in Peninsular Malaysia, Geran Antarabangsa, External - International (2017), Grant Value: **RM336,457**
6. Whole Genome Sequencing of Multidrug Resistant Acinetobacter Baumannii from Terengganu, Malaysia, Reveals Their Population Structure, Genome Dynamics and Mechanisms of Evolutionary Adaptation to Healthcare Settings, Skim Geran Penyelidikan Fundamental - Frgs, Government (2016), Grant Value: **RM107,000**
7. Molecular Characterization of The Virulence Genes and Antibiotic Resistance of The Community- and Hospital-Acquired Methicillin-Resistant Staphylococcus Aureus Isolates in Terengganu, Malaysia., Dana Pembudayaan Penyelidikan - Rags, Government (2015), Grant Value: **RM50,000**
8. Screening Potential Effects of Duku (Iansium Domesticum Corr) Towards Antiproliferative on Human Colorectal Adenocarcinoma Cell Line (ht-29), Geran Agensi Luar, Government (2015), Grant Value: **RM25,000**

9. Mechanism of Action of Hydroxychavicol as Antifungal Agent on Trichophyton Rubrum Isolated from Immunocompromised Opiate-Dependent Individuals, Skim Geran Penyelidikan Fundamental - Frgs, Government (2014), Grant Value: **RM115,800**
10. Enhancing Hajj Performance: Reduction of Related Health Problems, Skim Geran Penyelidikan Jangka Panjang - Lrgs, Government (2012), Grant Value: **RM1,233,500**
11. Program Penyelidikan Haji; ?novel Methods to Reduce Respiratory Infections During Hajj?., Kementerian Pengajian Tinggi (kpt); Skim Geran Penyelidikan Jangka Panjang (Irgs)., Government (2012), Grant Value: **RM1,233,500**

Postgraduate Student

Main Supervision

1. [MASTER] Nurul Diana Binti Dzaraly, Malaysia, - **Completed**
2. [MASTER] Anas Muazu, Nigeria, - **Completed**
3. [MASTER] Aliyu Sani, Nigeria, - **Completed**
4. [MASTER] Farahiyah Binti Mohd Rani, Malaysia, - **Completed**

Co Supervision

1. [PhD] Ahmed Ghazi Faisal, Iraq, - **Ongoing**
2. [PhD] Suzan Fhitriana, Indonesia, - **Ongoing**
3. [PhD] Farahiyah Binti Mohd Rani, Malaysia, - **Ongoing**
4. [MASTER] Muhammad Harith B. Nor Ashimi, Malaysia, - **Ongoing**
5. [PhD] Muhd Ridzuan Bin Pauzi, Malaysia, - **Completed**
6. [PhD] Nurul Diana Binti Dzaraly, UNIVERSITI PUTRA MALAYSIA (UPM), (External Supervision) - **Completed**
7. [PhD] Nurul Diana Binti Dzaraly, UNIVERSITI PUTRA MALAYSIA (UPM), (External Supervision) - **Completed**
8. [Master] Dr. Aisyah Binti Badhrul Hisham, MANAGEMENT AND SCIENCE UNIVERSITY, (External Supervision) - **Completed**
9. [Master] Aisyah Binti Badhrul Hisham, Management & Science University (MSU), (External Supervision) - **Completed**

Awards

1. Gold Medal Mte 2019 (2019), Dermacol, Malaysia Technology Expo (mte) - **Member**
2. Silver Medal Itex 2019 (2019), Betelnizer, International Invention, Innovation and Technology Exhibition (itex) - **Member**

Professional Membership

1. Member, Member of National Specialist Register, 2018-2023

Academic Ecosystem

1. Member, Member - Awqaf Holdings Berhad, 2020-2030
2. Consultancy/perundingan, Chase Consultation, 2020-2020
3. Expert/pakar Rujuk, Panel Tanyadoktor.com, 2020-2020
4. Examiner, Examiner for Master Thesis (azral Ismawy Bin Ahmad), Msu, 2020-2020
5. Examiner, Examiner for Master Student (ugashni Naikker A/p Suthagaran), Msu, 2020-2020
6. Participant, Participant - National Symposium on Pathogen Surveillance: Overview on Food Waterborne Diseases and Antimicrobial Resistance, Usm, 2019-2019
7. Participant, Participant - Clinical Microbiology Scientific Symposium 2019 : Diagnostics Advancement Today in Sepsis & Amr Management, 2019-2019
8. Reviewer, Reviewer - Journal of International Medical Research, 2019-2019
9. Others, Donation - Majlis Kanser Negara, 2019-2019
10. Participant, Participant - Training New Panel Accreditation for Undergraduate Medical Programme 2018, 2018-2018
11. Judge/jury/evaluator, Judge - International Conference on Infectious Diseases (uicid) 2018, 2018-2018
12. Committee, Appointment as a Session Chair/co Chair/time Keeper in The Uicid, 2018-2018
13. Committee, Ahli Jawatankuasa Pelaksana International Conference on Infectious Diseases (uicid) 2018, 2018-2018
14. Others, Penggubal Soalan Pertandingan Kuiz Mikrobiologi Intervarsiti (imicrob '18) Usim, 2018-2018

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