

PROF. DR. NURUL AZMAWATI BINTI MOHAMED @ ABD AZIZ

PENSYARAH PERUBATAN GRED KHAS C

CONTACT

PHONE
42891106

E-MAIL
drnurul@usim.edu.my

FACULTY
Fakulti Perubatan Dan Sains Kesihatan

SUPERVISION

	COMPLETED	ONGOING
PhD	0	1
Master	2	1

AREAS OF EXPERTISE

- Clinical Microbiology (including Antimicrobial Resistance)
- Bacteriology
- Infectious/ Communicable Diseases

ACADEMIC QUALIFICATION

- 2012 **Master** - Patologi (mikrobiologi Perubatan)
- 2012 **Sarjana Kepakaran** - Patologi (mikrobiologi Perubatan)
- 2002 **Bachelor** - Perubatan

RESEARCH

1. **ANTISEPTIC GARGLE IN PREVENTING RESPIRATORY TRACT INFECTIONS AMONG UMRAH PILLGRIMS: A QUASI-EXPERIMENTAL STUDY**
   2025 | BIDUNI MIZANNIYAH | ON GOING | MAIN RESEARCHER
2. **AWARENESS OF DENGUE AMONG GENERAL PUBLIC**
   2024 | BIDUNI MIZANNIYAH | ON GOING | MAIN RESEARCHER
3. **RESPIRATORY TRACT INFECTIONS AMONG HAJJ PILGRIMS 2023**
   2023 | BIDUNI MIZANNIYAH | ON GOING | MAIN RESEARCHER
4. **ANTIMICROBIAL RESISTANCE SURVEY**
   2023 | BIDUNI MIZANNIYAH | ON GOING | MAIN RESEARCHER
5. **KNOWLEDGE, ACCEPTANCE AND PERCEPTION ON COVID-19 VACCINE AMONG THE MALAYSIAN ADULTS**
   2021 | BIDUNI MIZANNIYAH | COMPLETED | MAIN RESEARCHER

RESEARCH

6. THE VIRUCIDAL EFFECT OF GARGLE FORMULA ON CORONAVIRUS : AN IN VITRO STUDY

2020 | GERAN PENYELIDIKAN COVID-19 | COMPLETED | MAIN RESEARCHER

7. THE EFFECT OF GARGLING ON COVID-19 PATIENTS: AN INTERVENTIONAL STUDY

2020 | PENYELIDIKAN TANPA BIAYA | COMPLETED | MAIN RESEARCHER

8. KNOWLEDGE, ATTITUDE AND PRACTICES TOWARDS HAND, FOOT AND MOUTH DISEASE (HFMD) AMONG DENTAL COMMUNITY IN UNIVERSITI SAINS ISLAM MALAYSIA (USIM)

2018 | PENYELIDIKAN TANPA BIAYA | COMPLETED | MAIN RESEARCHER

9. PREDICTORS OF PREVENTIVE PRACTICES TOWARDS HAND, FOOT AND MOUTH DISEASE (HFMD) AMONG DENTAL COMMUNITY IN UNIVERSITI SAINS ISLAM MALAYSIA (USIM)

2018 | PENYELIDIKAN TANPA BIAYA | COMPLETED | MAIN RESEARCHER

10. COMPREHENSIVE MODULE ON HAND HYGIENE : A KNOWLEDGE TRANSFER PROGRAM INVOLVING PRE-SCHOOL CHILDREN

2017 | GERAN PENYELIDIKAN INDUSTRI | COMPLETED | MAIN RESEARCHER

11. SEROPREVALENCE OF PTEROPINE OTHOREOVIRUS AND AWARENESS OF BAT TRANSMITTED ZOONOTIC DISEASES IN TIOMAN ISLAND

2016 | GERAN ANTARABANGSA | COMPLETED | MAIN RESEARCHER

12. ANTIMICROBIAL EFFECTS OF HONEY AND CITRUS JUICE COMBINATION ON STREPTOCOCCUS PYOGENES.

2015 | GERAN KPT | COMPLETED | MAIN RESEARCHER

13. CHOOSING MEDICINE AS A CAREER:PERSONALITY,APTITUDE AND MOTIVATION AMONG THIRD YEAR MEDICAL STUDENTS FROM USIM

2015 | GERAN PENYELIDIKAN PENTADBIR | COMPLETED | MAIN RESEARCHER

14. STAPHYLOCOCCUS AUREUS CARRIAGE IN NURSERIES

2013 | GERAN PENYELIDIKAN JANGKA PENDEK | COMPLETED | MAIN RESEARCHER

PUBLICATION

1. USABILITY AND EDUCATIONAL IMPACT OF A GAMIFIED BOARD GAME IN SECONDARY EDUCATION

JOURNAL OF NEONATAL SURGERY

2025 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

2. UNDERSTANDING DENGUE VACCINE ACCEPTANCE: KNOWLEDGE, EXPERIENCES, AND PERSPECTIVES IN MALAYSIA

GLOBAL HEALTH SUMMIT 2025

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

PUBLICATION

3. SUSTAINING HEALTHY AGING: A COMPARATIVE ANALYSIS OF INFLUENZA VACCINATION PROGRAMS IN SOUTHEAST ASIA AND LESSONS FOR MALAYSIA'S 2025 INITIATIVE

USIM NATIONAL HEALTH SEMINAR 2025

2025 PROCEEDING NON-INDEX MAIN AUTHOR

4. CLINICAL AND EPIDEMIOLOGICAL CHARACTERISTIC OF MELIOIDOSIS IN A TERTIARY HOSPITAL IN MALAYSIA

THE 23RD INTERNATIONAL MEDICAL, PHARMACEUTICAL, COSMECEUTICAL AND HEALTH SCIENCE SYMPOSIUM (IMPACHS)

2025 PROCEEDING NON-INDEX MAIN AUTHOR

5. ENHANCING HEALTH EDUCATION THROUGH INNOVATION: USABILITY AND EFFECTIVENESS OF THE GLOBAL HEALTH GAME (GKG) IN SCHOOLS

GLOBAL HEALTH SUMMIT 2025

2025 PROCEEDING NON-INDEX MAIN AUTHOR

6. COMPARATIVE ANALYSIS OF IMMUNE AGING AND SUSCEPTIBILITY TO TROPICAL INFECTIONS IN THE ELDERLY: INSIGHTS FROM MALAYSIA AND REGIONAL COUNTERPARTS

USIM NATIONAL HEALTH SEMINAR 2025

2025 PROCEEDING NON-INDEX MAIN AUTHOR

7. POLISI & PROSEDUR BIOKESELAMATAN DAN BIOSEKURITI

2025 POLICY

8. ENHANCING MICROBIOTA-RELATED GUT HEALTH AWARENESS ACROSS AGE GROUPS: OUTCOMES OF INTERACTIVE EDUCATIONAL ACTIVITIES AT A SCIENCE FAIR

MALAYSIAN ONLINE JOURNAL OF EDUCATIONAL SCIENCES (MOJES)

2024 JOURNAL OTHER DATABASE MAIN AUTHOR

9. RESPIRATORY TRACT INFECTIONS AMONG MALAYSIAN HAJJ PILGRIMS IN 2023.

7TH INTERNATIONAL CONFERENCE ON MOLECULAR BIOLOGY & BIOTECHNOLOGY (ICMBB) 2024 IN CONJUNCTION WITH THE 6TH USIM INTERNATIONAL HEALTH CONFERENCE (IHEC) 2024

2024 PROCEEDING NON-INDEX MAIN AUTHOR

10. EMPOWERING FOOD SAFETY EDUCATION PROGRAM:MYOHUN'S INITIATIVES IN MALAYSIAN SECONDARY SCHOOLS.

THE SEAOHUN 2024 INTERNATIONAL CONFERENCE: ONE HEALTH IN ACTION, CHIANG MAI THAILAND

2024 PROCEEDING NON-INDEX MAIN AUTHOR

11. IN VITRO STUDY OF ANTIMICROBIAL ACTIVITY OF MALAYSIAN HONEY AGAINST COMMON PATHOGEN INACUTE OTITIS EXTERNA: PRELIMINARY REPORT

9TH WORLD CONGRESS FOR ENDOSCOPIC SURGERY OF THE PARANASAL SINUSES, SKULL BASE, BRAIN ANDSPINE (ENDOKL2024)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

12. IMPROVING FOOD SAFETY KNOWLEDGE AMONG MALAYSIAN SECONDARY SCHOOL STUDENTS

INTERNATIONAL CONFERENCE GLOBAL HEALTH: MULTI-APPROACH FOR PRIMARY CARE, THE FIRST INTERNATIONAL CONFERENCE OF PHAS

2024 PROCEEDING OTHER DATABASE MAIN AUTHOR

PUBLICATION

13. UPDATE ON MICROBIOLOGY AND SUSCEBTIBILITY IN ACUTE OTITIS EXTERNA.

7TH ICMBB 2024 & 6TH INTERNATIONAL HEALTH CONFERENCE 2024

2024 PROCEEDING SCOPUS MAIN AUTHOR

14. CONSENSUS GUIDELINES ON TREATMENT OF MULTIDRUG RESISTANT GRAM NEGATIVES

2024 POLICY

15. KNOWLEDGE, ATTITUDE AND PRACTICE OF HAND HYGIENE AMONG PARENTS: A POST COVID-19 PANDEMIC SURVEY

THE 4TH INTERNATIONAL CONFERENCE ON MEDICINE AND HEALTH SCIENCES

2022 PROCEEDING NON-INDEX MAIN AUTHOR

16. HAND HYGIENE PROJECT AMONG PRESCHOOL CHILDREN IN SEPANG,SELANGOR MALAYSIA

SEAOHUN 2022 INTERNATIONAL CONFERENCE

2022 PROCEEDING NON-INDEX MAIN AUTHOR

17. KNOWLEDGE, ATTITUDE AND PRACTICE OF HAND HYGIENE AMONG PARENTS: A POST COVID-19 PANDEMIC SURVEY

4TH INTERNATIONAL CONFERENCE OF MEDICINE AND HEALTH SCIENCES (ICMHS)

2022 PROCEEDING OTHER DATABASE MAIN AUTHOR

18. PENCEGAHAN PENYAKIT BERJANGKIT SEMASA IBADAH HAJI & UMRAH

2022 BOOK MAIN AUTHOR

19. KEBITARAAN SISWA DAN ALUMNI

LAPORAN TAHUNAN 2021 USIM

2022 CHAPTER IN BOOK MAIN AUTHOR

20. KNOWLEDGE AND ATTITUDE TOWARDS VACCINE PREVENTABLE DISEASES AND VACCINATION AMONG PROSPECTIVE MALAYSIAN HAJJ PILGRIMS IN KLANG VALLEY, MALAYSIA

MALAYSIAN JOURNAL OF MEDICINE AND HEALTH SCIENCES

2020 JOURNAL SCOPUS MAIN AUTHOR

21. IN VITRO VIRUCIDAL ACTIVITY OF POVIDONE IODINE GARGLE AND MOUTHWASH AGAINST SARS-COV-2: IMPLICATIONS FOR DENTAL PRACTICE

BRITISH DENTAL JOURNAL (BDJ)

2020 JOURNAL ERA MAIN AUTHOR

22. EARLY VIRAL CLEARANCE AMONG COVID-19 PATIENTS WHEN GARGLING WITH POVIDONE-IODINE AND ESSENTIAL OILS?A CLINICAL

INTERNATIONAL MEDICAL JOURNAL

2020 JOURNAL SCOPUS MAIN AUTHOR

23. EARLY VIRAL CLEARANCE AMONG COVID-19 PATIENTS WHEN GARGLING WITH POVIDONE-IODINE AND ESSENTIAL OILS: A CLINICAL TRIAL

INTERNATIONAL MEDICAL JOURNAL

2020 JOURNAL SCOPUS MAIN AUTHOR

PUBLICATION

24. IMPORTED FALCIPARUM MALARIA: A CASE SERIES IN A TERTIARY HOSPITAL

MALAYSIAN JOURNAL OF PATHOLOGY

2020 JOURNAL ISI MAIN AUTHOR

25. HAND HYGIENE AWARENESS AMONG CHILDCARE PROVIDERS

ASIAN JOURNAL OF MEDICINE AND BIOMEDICINE

2020 JOURNAL OTHER DATABASE MAIN AUTHOR

26. COULD ANTISEPTIC GARGLING PREVENT COVID-19.

TROPICAL BIOMEDICINE

2020 JOURNAL ISI MAIN AUTHOR

27. POVIDONE IODINE GARGLE AND MOUTHWASH

BRITISH DENTAL JOURNAL

2020 JOURNAL SCOPUS MAIN AUTHOR

28. EFFECT OF HAND HYGIENE INTERVENTION ON THE ABSENTEEISM OF PRE?SCHOOL CHILDREN IN KLANG VALLEY, MALAYSIA: A QUASI?EXPERIMENTAL STUDY

WORLD JOURNAL OF PEDIATRICS

2019 JOURNAL ERA MAIN AUTHOR

29. EFECT OF HAND HYGIENE INTERVENTION ON THE ABSENTEEISM OF PRE?SCHOOL CHILDREN IN KLANG VALLEY, MALAYSIA: A QUASI?EXPERIMENTAL STUDY

WORLD JOURNAL OF PEDIATRICS

2019 JOURNAL ERA MAIN AUTHOR

30. KNOWLEDGE, ATTITUDE AND HEALTH SEEKING PRACTICE ON BATS-BORNE DISEASES AMONG RESIDENTS OF TIOMAN ISLAND, MALAYSIA

TROPICAL BIOMEDICINE

2019 JOURNAL ERA MAIN AUTHOR

31. KNOWLEDGE, ATTITUDE AND HEALTH SEEKING PRACTICE ON BATS-BORNE DISEASES AMONG RESIDENTS OF TIOMAN ISLAND,MALAYSIA

TROPICAL BIOMEDICINE JOURNAL

2019 JOURNAL SCOPUS MAIN AUTHOR

32. HEALTHY HANDS: DEVELOPMENT AND EVALUATION OF A KNOWLEDGE TRANSFER PROGRAM

MALAYSIAN JOURNAL OF MEDICINE AND HEALTH SCIENCES

2019 JOURNAL SCOPUS MAIN AUTHOR

33. CARBAPENEM-RESISTANT ENTEROBACTERICEAE: CLINICO- EPIDEMIOLOGICAL PERSPECTIVE

TROPICAL BIOMEDICINE

2018 JOURNAL WOS MAIN AUTHOR

PUBLICATION

34. KNOWLEDGE, ATTITUDE AND PRACTICE ON BATS-BORNE DISEASES AMONG VILLAGE RESIDENTS: A PILOT STUDY

MEDICINE & HEALTH

2018 JOURNAL ERA MAIN AUTHOR

35. DISTRIBUTION AND ANTIFUNGAL SUSCEPTIBILITY PATTERN OF CANDIDA SPECIES AT A TERTIARY HOSPITAL IN MALAYSIA

J INFECT DEV CTRIES

2018 JOURNAL WOS MAIN AUTHOR

36. EFFECTS OF ?BACTERFREE HAND INTERVENTION? ON THE KNOWLEDGE, ATTITUDE OF HANDWASHING AND ITS TECHNIQUE, AMONG PRE-SCHOOLERS IN WILAYAH PERSEKUTUAN, MALAYSIA

BANGLADESH JOURNAL OF MEDICAL SCIENCE

2018 JOURNAL SCOPUS MAIN AUTHOR

37. MORPHOLOGICAL ALTERATIONS OF STREPTOCOCCUS PYOGENES AFTER IN VITRO TREATMENT WITH MALAYSIAN TUALANG HONEY AND CITRUS AURANTIFOLIA JUICE

INTERNATIONAL CONGRESS OF PATHOLOGY AND LABORATORY MEDICINE (ICPALM)

2018 PROCEEDING NON-INDEX MAIN AUTHOR

38. INTEGRATION OF NAQLI AQLI IN MICROBIOLOGY

INTEGRATION OF NAQLI & AQLI IN MEDICAL EDUCATION

2018 CHAPTER IN BOOK MAIN AUTHOR

39. INTEGRATION OF NAQLI AND AQLI IN MICROBIOLOGY TEACHING: SHARING THE EXPERIENCE

INTERNATIONAL MEDICAL JOURNAL MALAYSIA

2017 JOURNAL WOS MAIN AUTHOR

40. BCG LYMPHADENITIS OF A HEALTHY INFANT

BANGLADESH JOURNAL OF MEDICAL SCIENCE

2016 JOURNAL SCOPUS MAIN AUTHOR

41. STAPHYLOCOCCUS AUREUS CARRIAGE IN SELECTED KINDERGARTENS IN KLANG VALLEY

MEDICAL JOURNAL OF MALAYSIA

2016 JOURNAL WOS MAIN AUTHOR

42. A CAT-BITE WOUND INFECTED WITH VIBRIO ALGINOLYTICUS FOLLOWING USE OF SEA CUCUMBER OIL

THE SOUTHEAST ASIAN JOURNAL OF TROPICAL MEDICINE AND PUBLIC HEALTH

2016 JOURNAL WOS MAIN AUTHOR

43. KNOWLEDGE, ATTITUDES AND PRACTICES OF HAND HYGIENE AMONG PARENTS OF PRESCHOOL CHILDREN

JOURNAL OF SCIENTIFIC AND INNOVATIVE RESEARCH 2016

2016 JOURNAL OTHER DATABASE MAIN AUTHOR

44. A STUDY OF CAREER SUITABILITY AMONG MEDICAL STUDENTS

INTERNATIONAL JOURNAL OF EDUCATIONAL AND PEDAGOGICAL SCIENCES

2016 JOURNAL OTHER DATABASE MAIN AUTHOR

PUBLICATION

45. A SYSTEMATIC REVIEW OF STUDIES INVESTIGATING THE EFFECT OF HONEY AND CITRUS ON STREPTOCOCCUS PYOGENES

2ND WORLD CONGRESS OF INFECTIOUS DISEASES

2016 PROCEEDING NON-INDEX MAIN AUTHOR

46. A STUDY OF CAREER SUITABILITY AMONG MEDICAL STUDENTS

18TH INTERNATIONAL CONFERENCE ON HIGHER EDUCATION AND MANAGEMENT

2016 PROCEEDING NON-INDEX MAIN AUTHOR

47. A CASE STUDY OF A CAT-BITE WOUND INFECTED WITH VIBRIO ALGINOLYTICUS FOLLOWING USE OF SEA CUCUMBER OIL

INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENT

2015 JOURNAL WOS MAIN AUTHOR

48. HONEY IN THE MANAGEMENT OF DIABETIC FOOT: A REVIEW OF THE LITERATURE

''ULUM ISLAMIYYAH, THE MALAYSIAN JOURNAL OF ISLAMIC SCIENCE

2015 JOURNAL OTHER DATABASE MAIN AUTHOR

49. A CASEE STUDY OF CAT-BITE WOUND INFECTED WITH VIBRIO ALGINOLYTICUS FOLLOWING US OF SEA CUCUMBER OIL

10TH INTERNATIONAL SYMPOSIUM ON ANTIMICROBIAL AGENTS AND RESISTANCE

2015 PROCEEDING NON-INDEX MAIN AUTHOR

50. INTEGRATION OF NAQLI AND AQLI IN MICROBIOLOGY TEACHING: SHARING THE EXPERIENCE

INTERNATIONAL CONFERENCE ON ISLAMIC MEDICAL EDUCATION (IC-ISME) 2015

2015 PROCEEDING NON-INDEX MAIN AUTHOR

51. UNDERSTANDING PARENTS'' KNOWLEDGE TOWARDS CHILDHOOD IMMUNISATION: A PILOT STUDY

USIM 2ND INTERNATIONAL CONFERENCE ON MEDICAL AND HEALTH

2015 PROCEEDING NON-INDEX MAIN AUTHOR

52. CULTIVATING ADHERENCE TO HAND HYGIENE PRACTICE

THE FIFTH ASIAN CONFERENCE ON PSYCHOLOGY & THE BEHAVIOURAL SCIENCES

2015 PROCEEDING NON-INDEX MAIN AUTHOR

53. KNOWLEDGE, ATTITUDE AND PRACTICE OF HAND HYGIENE AMONG PARENTS OF NURSERY CHILDREN IN AMPANG, SELANGOR- A PILOT STUDY

JOURNAL OF INFECTION PREVENTION

2014 JOURNAL OTHER DATABASE MAIN AUTHOR

54. KNOWLEDGE, ATTITUDES AND PRACTICE OF HAND HYGIENE AMONG PARENTS OF NURSERY CHILDREN IN KUALA LUMPUR, MALAYSIA- A PILOT STUDY

INFECTION PREVENTION 2014

2014 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

55. STAPHYLOCOCCUS AUREUS CARRIAGE IN CHILDREN

15TH ASIA PACIFIC CONFERENCE OF CLINICAL MICROBIOLOGY AND INFECTIONS (APCCMI)

2014 PROCEEDING NON-INDEX MAIN AUTHOR

56. POST-CAT BITE SEPTIC ARTHRITIS OF THE HAND CAUSED BY PASTEURELLA MULTOCIDA

THE INTERNET JOURNAL OF INFECTIOUS DISEASE

2013 JOURNAL WOS MAIN AUTHOR

57. HEPATITIS C GENOTYPE AND ASSOCIATED RISKS FACTORS OF PATIENTS AT UNIVERSITY KEBANGSAAN MALAYSIA MEDICAL CENTER

PAKISTAN JOURNAL OF MEDICAL SCIENCE

2013 JOURNAL SCOPUS MAIN AUTHOR

58. HEPATITIS C VIRUS GENOTYPING METHODS: EVALUATION OF AMPLISENS® HCV-1/2/3-FRT COMPARED TO SEQUENCING METHOD

JOURNAL OF CLINICAL LABORATORY ANALYSIS

2013 JOURNAL SCOPUS MAIN AUTHOR

59. MOLECULAR EPIDEMIOLOGY OF HEPATITIS C GENOTYPE IN UKMMC

7TH NATIONAL INFECTIOUS DISEASE SEMINAR AND WORKSHOP, THE PANDORA BOX OF THE VIRAL INFECTIONS

2012 PROCEEDING NON-INDEX MAIN AUTHOR

CONSULTATION

1. THE VACCINE SURVEY

MALAYSIAN BIOTECHNOLOGY INFORMATION CENTRE BERHAD (MABIC)

2021 NATIONAL

2. PERUNDINGAN UNTUK PEMBINAAN MAKMAL DI KOMPLEKS KESIHATAN USIM.

KOMPLEKS KESIHATAN USIM

2013 UNIVERSITY

AWARDS/RECOGNITION

1. STAF CONTOH

2025 UNIVERSITY

2. TOP 10% RESEARCHERS WITH HIGHEST H INDEX

2025 UNIVERSITY

3. TOP 10% RESEARCHER WITH HIGHEST CITATION

2025 UNIVERSITY

AWARDS/RECOGNITION

4. ANUGERAH LIBATSAMA KOMUNITI (PROJEK)

2025 UNIVERSITY

5. TRAINER / FACILITATOR

MYOHUN

2025 NATIONAL