

DR. NURUL IMAN BINTI BADLISHAH SHAM

PENSYARAH UNIVERSITI DS13

CONTACT

PHONE
03-42892546

E-MAIL
nuruliman@usim.edu.my

FACULTY
Fakulti Pergigian

SUPERVISION

	COMPLETED	ONGOING
PhD	0	1
Master	0	0

AREAS OF EXPERTISE

Proteomics

ACADEMIC QUALIFICATION

2020 **PhD** - Dentistry

2013 **Master** - Sains Perubatan (farmakologi)

2007 **Bachelor** - Bioperubatan

RESEARCH

1. DECIPHERING THE RELATIONSHIP BETWEEN ORAL PATHOGEN BURDEN AND COGNITIVE FUNCTION IN YOUNG MALAYSIAN ADULTS: A PILOT STUDY

2026 | GERAN PENYELIDIKAN FUNDAMENTAL | ON GOING | CO-RESEARCHER

2. ORAL HYGIENE PRACTICES AND DIETARY HABITS IN CHILDREN WITH CARIES: A QUESTIONNAIRE-BASED STUDY

2025 | GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) | ON GOING | MAIN RESEARCHER

3. THE DEVELOPMENT OF ANTI-INFLAMMATORY AND NATURAL-BASED MOUTH RINSE FROM STINGLESS BEE HONEY

2025 | GERAN KPT | ON GOING | CO-RESEARCHER

4. ELUCIDATING THE ROLE OF SALIVARY PROTEINS AND MICROBIOME IN PRIMARY TEETH FROM CARIES-ACTIVE CHILDREN TREATED WITH DENTAL RESTORATION

2024 | GERAN KPT | ON GOING | MAIN RESEARCHER

5. DEVELOPMENT OF SALIVA-BASED BIOSENSOR DEVICE FOR RAPID SCREENING OF PERIODONTAL CONDITIONS

2023 | GERAN KPT | ON GOING | CO-RESEARCHER

RESEARCH

6. SALIVARY PROTEIN EXPRESSION OF CHILDREN WITH DENTAL CARIES ATTENDING USIM DENTAL POLYCLINIC

2023 | BIDUNI MIZANNIYAH | COMPLETED | MAIN RESEARCHER

7. E-LEARNING PERCEPTION ON USIM AND UOB (UK) DENTAL STUDENTS

2021 | BIDUNI MIZANNIYAH | COMPLETED | MAIN RESEARCHER

8. ASSESSMENTS OF SALIVARY BIOMARKERS FOR APPLICATION ON BIOSENSOR IN THE DIAGNOSIS OF PERIODONTAL DISEASE

2019 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

PUBLICATION

1. NEUTROPHILS IN CHRONIC PERIODONTITIS

8TH INTERNATIONAL CONFERENCE ON MOLECULAR BIOLOGY AND BIOTECHNOLOGY (ICMBB2025)

2025 | PROCEEDING | SCOPUS | MAIN AUTHOR

2. TOXICOLOGICAL EVALUATION OF STROBILANTHES CRISPUS MEDIATED SILVER NANOPARTICLES (SC-AGNPS) ON MALE AND FEMALE BALB/C MICE

4TH INTERNATIONAL DENTAL CONFERENCE (I-DENT) 2025

2025 | PROCEEDING | MYCITE | CO-AUTHOR

3. SALIVARY PROTEIN PROFILES IN PAEDIATRIC DENTAL CARIES PATIENTS AT UNIVERSITI SAINS ISLAM MALAYSIA (USIM)

4TH INTERNATIONAL DENTAL CONFERENCE (I-DENT) 2025

2025 | PROCEEDING | MYCITE | CORRESPONDING AUTHOR

4. AGNP-K SMART CREAM: A NEXT-GENERATION ANTIMICROBIAL SKINCARE SOLUTION

SWISS INNOVATION CHALLENGE

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

5. GREEN NANOMEDICINE: STROBILANTHES CRISPUS-MEDIATED SILVER NANOPARTICLES AS A TARGETED BREAST CANCER TREATMENT

SWISS INNOVATION CHALLENGE

2025 | PROCEEDING | NON-INDEX | CO-AUTHOR

6. OROGENYX: RESTORING ORAL HEALTH

INNOVATION BANK CHALLENGE

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

7. AN INNOVATIVE TEST KIT TO PREDICT CHILDHOOD CARIES

INNOVATION BANK CHALLENGE (IBC) 2025

2025 | PROCEEDING | OTHER DATABASE | CO-AUTHOR

PUBLICATION

8. SALIVARY PROTEIN EXPRESSION OF CHILDREN DENTAL CARIES ATTENDING UNIVERSITI SAINS ISLAM MALAYSIA (USIM) DENTAL POLYCLINIC

10TH USIM DENTAL STUDENTS' COLLOQUIUM

2024 PROCEEDING NON-INDEX CO-AUTHOR

9. ROLE OF GLUTATHIONE IN NEUTROPHIL CHEMOTAXIS IN PERIODONTITIS

ORAL MDPI

2023 JOURNAL OTHER DATABASE MAIN AUTHOR

10. NEUTROPHIL PHENOTYPE CHANGES IN PERIODONTITIS

THE 8TH INTERNATIONAL BIOTECHNOLOGY SYMPOSIUM

2023 PROCEEDING NON-INDEX MAIN AUTHOR

11. GIGI CERITA MENIMBA ILMU

2023 BOOK

12. E-LEARNING PERCEPTION ON USIM AND UOB(UK) DENTAL STUDENTS

8TH DENTAL STUDENTS' COLLOQUIUM

2022 PROCEEDING NON-INDEX CO-AUTHOR

13. E-LEARNING PERCEPTION ON USIM DENTAL STUDENT

5TH USIM INTERNATIONAL HEALTH CONFERENCE

2022 PROCEEDING NON-INDEX MAIN AUTHOR

14. MY HUBBY, MY BFF

MENARA AKADEMIA GADING MANA YANG TAK RETAK

2022 CHAPTER IN BOOK CO-AUTHOR

15. PROTEOMIC INVESTIGATIONS OF IN VITRO AND IN VIVO MODELS OF PERIODONTAL DISEASE

PROTEOMICS CLINICAL APPLICATIONS

2019 JOURNAL ISI MAIN AUTHOR

16. RENOPROTECTIVE EFFECT OF VIRGIN COCONUT OIL IN HEATED PALM OIL DIET-INDUCED HYPERTENSIVE RATS

APPLIED PHYSIOLOGY NUTRITION AND METABOLISM

2016 JOURNAL ISI CO-AUTHOR

17. DECREASED INTRACELLULAR GLUTATHIONE IN PERIPHERAL NEUTROPHILS DECREASES CHEMOTACTIC BEHAVIOUR TOWARDS INTERLEUKIN 8 AND FMLP

23RD ANNUAL MEETING OF THE SOCIETY FOR REDOX BIOLOGY AND MEDICINE

2016 PROCEEDING NON-INDEX MAIN AUTHOR

18. CARDIOPROTECTIVE EFFECT OF VIRGIN COCONUT OIL IN HEATED PALM OIL DIET-INDUCED HYPERTENSIVE RATS

PHARMACEUTICAL BIOLOGY

2015 JOURNAL ERA CO-AUTHOR

PUBLICATION

19. NEUTROPHIL CELL GLUTATHIONE CHANGES IN CHEMOTAXIS

BRITISH SOCIETY FOR ORAL AND DENTAL RESEARCH SCIENTIFIC MEETING 2015

2015 PROCEEDING NON-INDEX MAIN AUTHOR

20. VIRGIN COCONUT OIL PREVENTS BLOOD PRESSURE ELEVATION AND IMPROVES ENDOTHELIAL FUNCTIONS IN RATS FED WITH REPEATEDLY HEATED PALM OIL.

EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE

2013 JOURNAL WOS MAIN AUTHOR

21. EFFECTS OF VIRGIN COCONUT OIL SUPPLEMENTATION ON VASCULAR REACTIVITY IN THERMOXIDIZED PALM OIL-FED MALE RATS

17TH NATIONAL CONFERENCE ON MEDICAL AND HEALTH SCIENCES

2012 PROCEEDING NON-INDEX MAIN AUTHOR

22. EFFECTS OF VIRGIN COCONUT OIL SUPPLEMENTATION ON BLOOD PRESSURE IN THERMOXIDIZED PALM OIL-FED MALE RATS

1ST USIM INTERNATIONAL CONFERENCE ON MEDICINE AND HEALTH

2012 PROCEEDING NON-INDEX MAIN AUTHOR

AWARDS/RECOGNITION

1. 1ST PLACE NON-CLINICAL RESEARCH POSTER PRESENTATION

2025 INTERNATIONAL

2. AN INNOVATIVE TEST KIT TO PREDICT CHILDHOOD CARIES

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA GOLD

3. OROGENYX: RESTORING ORAL HEALTH

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA SILVER

4. ANUGERAH PERKHIDMATAN SETIA

2024 UNIVERSITY

5. ACADEMIC ADVISOR

PANEL CANDIDATURE DEFENCE DI UNIVERSITI MALAYA

2024 NATIONAL

6. ACADEMIC ADVISOR

PANEL PENILAI GERAN PUSAT TANGGUNGJAWAB (PTJ)

2024 UNIVERSITY

AWARDS/RECOGNITION

7. ACADEMIC ADVISOR

PANEL PENILAI LAPORAN KEMAJUAN PENYELIDIKAN

2024 UNIVERSITY

8. ACADEMIC ADVISOR

PANEL PENILAI LAPORAN KEMAJUAN PENYELIDIKAN

2024 UNIVERSITY

9. ACADEMIC ADVISOR

PANEL SESI UJIAN KELAYAKAN (QUALIFYING TEST) PELAJAR SARJANA

2024 UNIVERSITY

10. ACADEMIC ADVISOR

PANEL PENILAI GERAN PUSAT TANGGUNGJAWAB (PTJ)

2024 UNIVERSITY

11. ACADEMIC ADVISOR

PANEL PENILAI GERAN PUSAT TANGGUNGJAWAB (PTJ)

2024 UNIVERSITY

12. ACADEMIC ADVISOR

PANEL PENILAI GERAN PUSAT TANNGUNGJAWAB (PTJ)

2024 UNIVERSITY

13. ACADEMIC ADVISOR

PANEL PENILAI GERAN PUSAT TANGGUNGJAWAB (PTJ)

2024 UNIVERSITY

14. ACADEMIC ADVISOR

PANEL PENILAI GERAN PUSAT TANGGUNGJAWAB (PTJ)

2024 UNIVERSITY

15. ACADEMIC ADVISOR

PANEL PENILAI GERAN PUSAT TANGGUNGJAWAB (PTJ)

2024 UNIVERSITY

16. ANUGERAH PERKHIDMATAN CEMERLANG

2023 UNIVERSITY

17. ACADEMIC ADVISOR

PANEL PENILAI GERAN BIDUNI MIZANIYAH

2023 UNIVERSITY

18. ACADEMIC ADVISOR

PANEL PENILAI GERAN BIDUNI MIZANIYAH

2023 UNIVERSITY

AWARDS/RECOGNITION

19. ACADEMIC ADVISOR

PANEL PENILAI LAPORAN KEMAJUAN PENYELIDIKAN

2023 UNIVERSITY

20. ACADEMIC ADVISOR

PANEL PENILAI LAPORAN KEMAJUAN PENYELIDIKAN

2023 UNIVERSITY

21. ACADEMIC ADVISOR

PANEL PENILAI LAPORAN AKHIR PENYELIDIKAN

2023 UNIVERSITY

22. ACADEMIC ADVISOR

PANEL PENILAI LAPORAN KEMAJUAN PENYELIDIKAN

2023 UNIVERSITY

23. ACADEMIC ADVISOR

PANEL PENILAI LAPORAN KEMAJUAN PENYELIDIKAN

2023 UNIVERSITY

24. ACADEMIC ADVISOR

PANEL PENILAI GERAN PENYELIDIKAN UNIVERSITI

2023 UNIVERSITY

25. ACADEMIC ADVISOR

PANEL PENILAI LAPORAN AKHIR PENYELIDIKAN

2023 UNIVERSITY