

DR. NURUL IMAN BINTI BADLISHAH SHAM

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

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

2. 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

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

2023 | BIDUNI MIZANNIYAH | COMPLETED | MAIN RESEARCHER

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

2021 | BIDUNI MIZANNIYAH | COMPLETED | MAIN RESEARCHER

PUBLICATION

1. NEUTROPHILS IN CHRONIC PERIODONTITIS

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

2025 PROCEEDING SCOPUS MAIN AUTHOR

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

SWISS INNOVATION CHALLENGE

2025 PROCEEDING NON-INDEX MAIN AUTHOR

3. OROGENYX: RESTORING ORAL HEALTH

INNOVATION BANK CHALLENGE

2025 PROCEEDING NON-INDEX MAIN AUTHOR

4. ROLE OF GLUTATHIONE IN NEUTROPHIL CHEMOTAXIS IN PERIODONTITIS

ORAL MDPI

2023 JOURNAL OTHER DATABASE MAIN AUTHOR

5. NEUTROPHIL PHENOTYPE CHANGES IN PERIODONTITIS

THE 8TH INTERNATIONAL BIOTECHNOLOGY SYMPOSIUM

2023 PROCEEDING NON-INDEX MAIN AUTHOR

6. E-LEARNING PERCEPTION ON USIM DENTAL STUDENT

5TH USIM INTERNATIONAL HEALTH CONFERENCE

2022 PROCEEDING NON-INDEX MAIN AUTHOR

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

PROTEOMICS CLINICAL APPLICATIONS

2019 JOURNAL ISI MAIN AUTHOR

8. 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

9. NEUTROPHIL CELL GLUTATHIONE CHANGES IN CHEMOTAXIS

BRITISH SOCIETY FOR ORAL AND DENTAL RESEARCH SCIENTIFIC MEETING 2015

2015 PROCEEDING NON-INDEX MAIN AUTHOR

10. 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

11. 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

PUBLICATION

12. 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