



## DR. MUHAMMAD ANNURDIN BIN SABARUDIN

PENSYARAH PERGIGIAN DUG14

### CONTACT

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**E-mail:**

annurdin@usim.edu.my

**Faculty:** Fakulti Pergigian

### SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0, Ongoing: 0

## AREAS OF EXPERTISE

Periodontology

Oral Implantology

## ACADEMIC QUALIFICATION

Sarjana Kepekaran in Periodontologi (2021)

Bachelor in Pembedahan Pergigian (2012)

## 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. EXPLORATION OF ISLAMIC TRADITION AND CURRENT PRACTICES FOR THE DISPOSAL OF EXTRACT TEETH: A QUALITATIVE STUDY

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

### 3. DESIGNING AI-POWERED APPS TO REDUCE CAREGIVER MONITORING FOR DELIVERING ORAL HEALTH MESSAGES TO HEARING-IMPAIRED PATIENTS

2025 GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) ON GOING CO-RESEARCHER

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

2025 GERAN KPT ON GOING CO-RESEARCHER

**5. EVALUATION OF ANTIBACTERIAL AND PERIODONTAL  
REGENERATION ACTIVITIES OF BENZYL ISOTHIOCYANATE  
(BITC) FROM SALVADORA PERSICA (SP) IN CHITOSAN  
HYDROGEL**

2024

GERAN KPT

ON GOING

CO-RESEARCHER

# RESEARCH

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## 6. THE DEVELOPMENT OF ECO-CALDENT PROTOTYPE (AN ARTIFICIAL DENTAL CALCULUS) TRAINING KIT

2023 GERAN KPT ON GOING MAIN RESEARCHER

## 7. PATIENTS' BELIEFS AND SELECTION OF PERIODONTAL REGENERATIVE MATERIALS AMONG PERIODONTAL PATIENTS ATTENDING USIM DENTAL POLYCLINIC: A PILOT STUDY

2023 BIDUNI MIZANNIYAH COMPLETED MAIN RESEARCHER

## 8. ASSESSMENT OF DENTURE HYGIENE AND PERIODONTAL HEALTH OF PARTIALLY EDENTULOUS PATIENTS ATTENDING USIM POLYCLINIC

2023 BIDUNI MIZANNIYAH COMPLETED CO-RESEARCHER

## 9. THE EFFECT OF STINGLESS BEE HONEY MOUTHRINSE ON DENTAL PLAQUE ACCUMULATION

2023 BIDUNI MIZANNIYAH COMPLETED CO-RESEARCHER

# PUBLICATION

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## 1. SOFT AND HARD TISSUE STABILITY FOLLOWING GUIDED BONE REGENERATION IN AN ACTIVE ORTHODONTICS PATIENT.

CUREUS MEDICAL JOURNAL

2025 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

## 2. EFFECTS OF STINGLESS BEE HONEY MOUTHRINSE ON DENTAL PLAQUE ACCUMULATION: A RANDOMISED CLINICAL TRIAL

THE CUREUS JOURNAL OF MEDICAL SCIENCE

2025 JOURNAL SCOPUS CORRESPONDING AUTHOR

## 3. SALIVARY IGA DEPRESSION IN DRUG-INFLUENCED GINGIVAL ENLARGEMENT AMONG HYPERTENSIVE PATIENTS

COMPENDIUM OF ABSTRACTS NATIONAL ORAL HEALTH RESEARCH PRIORITIES 2020-2022

2025 PROCEEDING NON-INDEX MAIN AUTHOR

## 4. THE DEVELOPMENT OF ECOCALDENT PROTOTYPE (AN ARTIFICIAL DENTAL CALCULUS)

4THI-DENT 2025THEME: ADVANCEMENTS IN DENTISTRY: SHAPING TOMORROW'S SMILES

2025 PROCEEDING MYCITE MAIN AUTHOR

## 5. CAN YOUNG LECTURERS AND TWO ARTIFICIAL INTELLIGENCE DETECTORS DIFFERENTIATE THE SOURCE OF DENTAL ACADEMIC ABSTRACTS?

4THI-DENT 2025THEME: ADVANCEMENTS IN DENTISTRY: SHAPING TOMORROW'S SMILES

2025 PROCEEDING MYCITE CO-AUTHOR

## 6. STRATEGIC PLANNING IN OPTIMISING SUPRACRESTAL TISSUE ATTACHMENT THROUGH EFFECTIVE SURGICAL CROWN LENGTHENING: A CASE REPORT.

4THI-DENT 2025THEME: ADVANCEMENTS IN DENTISTRY: SHAPING TOMORROW'S SMILES

2025 PROCEEDING MYCITE CO-AUTHOR

## 7. PENJAGAAN GIGI BERDASARKAN HADIS NABAWI

2025 BOOK

## 8. FREE GINGIVAL GRAFT: A VIABLE SURGICAL OPTION FOR TREATING MANDIBULAR ANTERIOR THIN GINGIVAL PHENOTYPE AND GINGIVAL RECESSION

MALAYSIA JOURNAL OF SCIENCE, HEALTH & TECHNOLOGY

2024 JOURNAL OTHER DATABASE CO-AUTHOR

## 9. EFFECTIVENESS OF CONVENTIONAL PERIODONTAL TREATMENT WITH TETRACYCLINE FIBER VERSUS MINOCYCLINE GEL APPLICATION SUBGINGIVALLY IN PERIODONTITIS PATIENTS

CUREUS MEDICAL JOURNAL

2024 JOURNAL OTHER DATABASE CO-AUTHOR

## 10. PATIENTS' BELIEFS AND THE SELECTION OF PERIODONTAL REGENERATIVE MATERIALS AMONG PERIODONTAL PATIENTS ATTENDING UNIVERSITI SAINS ISLAM MALAYSIA DENTAL POLYCLINIC: A PILOT STUDY

10TH USIM DENTAL STUDENTS COLLOQUIUM FACULTY OF DENTISTRY

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

## 11. PATIENTS' BELIEFS AND THE SELECTION OF PERIODONTAL REGENERATIVE MATERIALS AMONG PERIODONTAL PATIENTS ATTENDING UNIVERSITI SAINS ISLAM MALAYSIA (USIM): A PILOT STUDY

SEMINAR ANTARABANGSA USUL FIQH (I-SUFI) 2024

2024 PROCEEDING NON-INDEX MAIN AUTHOR

## 12. EFFECTS OF STINGLESS BEE HONEY ON DENTAL PLAQUE ACCUMULATION

DENTAL STUDENTS COLLOQUIUM

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

## 13. INTEGRATIVE APPROACH OF AESTHETIC REHABILITATION IN A DELAYED POST-TRAUMATIC COMPLICATIONS CASE

INTERNATIONAL DENTAL TRAUMATOLOGY CONFERENCE 2024

2024 PROCEEDING NON-INDEX MAIN AUTHOR

# PUBLICATION

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## 14. SELF-REPORTED DENTURE HYGIENE HABITS AND DENTURE CLEANLINESS INDEX (DCI) OF PARTIALLY EDENTULOUS PATIENTS WEARING REMOVABLE PARTIAL DENTURES.

4TH INTERNATIONAL CONFERENCE ON DENTAL, MEDICAL & HEALTH SCIENCES

2024 PROCEEDING NON-INDEX MAIN AUTHOR

## 15. INTEGRATIVE APPROACH OF AESTHETIC REHABILITATION IN A DELAYED POST-TRAUMATIC CASE

INTERNATIONAL DENTAL TRAUMATOLOGY CONFERENCE

2024 PROCEEDING NON-INDEX CO-AUTHOR

## 16. BEHAVIOURAL SCIENCE: ENHANCING PATIENT-CENTRED CARE IN DENTISTRY

2024 BOOK CO-AUTHOR

## 17. PATIENT-CENTRED CARE DENTISTRY AND ITS RELATION WITH MAQASID SHARIAH: A NARRATIVE REVIEW

JOURNAL OF FATWA MANAGEMENT AND RESEARCH

2023 JOURNAL MYCITE MAIN AUTHOR

## 18. RHEUMATOID ARTHRITIS AND PERIODONTAL DISEASE ASSOCIATION AND EFFECT OF DISEASE MODIFYING ANTI-RHEUMATIC DRUGS: A NARRATIVE REVIEW

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2023 JOURNAL OTHER DATABASE CO-AUTHOR

## 19. MILLED CROWN ON POST CRACK TOOTH SYNDROME AS THE DENTURE ABUTMENT TOOTH: A CASE REPORT

THE CUREUS JOURNAL OF MEDICAL SCIENCE

2023 JOURNAL OTHER DATABASE CO-AUTHOR

## 20. DIFFERENT ROOT COVERAGE TECHNIQUES IN MANAGING GINGIVAL RECESSION TYPE 2 OF MAXILLARY CANINES: A CASE REPORT

8TH MSP BIENNIAL SCIENTIFIC MEETING CONFERENCE

2023 PROCEEDING NON-INDEX CO-AUTHOR

## 21. BARRIER MEMBRANE IN REGENERATIVE THERAPY: A NARRATIVE REVIEW

MEMBRANES

2022 JOURNAL SCOPUS CO-AUTHOR

## 22. REFINING THE MECHANISM OF DRUG-INFLUENCED GINGIVAL ENLARGEMENT

CUREUS JOURNAL OF MEDICAL SCIENCE

2022 JOURNAL OTHER DATABASE MAIN AUTHOR

## 23. SALIVARY IGA DEPRESSION IN DRUG-INFLUENCED GINGIVAL ENLARGEMENT AMONG HYPERTENSIVE PATIENTS

JOURNAL OF DENTISTRY INDONESIA

2022 JOURNAL OTHER DATABASE MAIN AUTHOR

## 24. CASE REPORT SURGICAL INTERVENTION ON DRUG-INFLUENCED GINGIVAL ENLARGEMENT USING DIODE LASER THERAPY

MALAYSIAN JOURNAL OF SCIENCE, HEALTH & TECHNOLOGY (MJOSHT)

2022 JOURNAL OTHER DATABASE MAIN AUTHOR

## 25. GINGIVAL ENLARGEMENT INDUCED BY FELODIPINE: A CASE REPORT

EUROPERIO10 CONGRESS 2022

2022 PROCEEDING WOS CO-AUTHOR

## 26. FREE GINGIVAL GRAFT FOR PERI-IMPLANT TISSUE AUGMENTATION IN DIABETIC PATIENT

EUROPERIO10 CONGRESS 2022

2022 PROCEEDING WOS MAIN AUTHOR

# PUBLICATION

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## 27. ECO-CALDENT INNOVATION

FIC FST INNOVATION COMPETITION, MINGGU PENYELIDIKAN DAN INOVASI SAINS DAN TEKNOLOGI 2022

2022 PROCEEDING NON-INDEX MAIN AUTHOR

## 28. PREVALENCE AND RISK FACTORS OF DRUG-INDUCED GINGIVAL OVERGROWTH IN HYPERTENSIVE PATIENTS

JOURNAL OF DENTISTRY INDONESIA

2021 JOURNAL WOS MAIN AUTHOR / CONTACT PERSON IN USIM

## 29. KEGAGALAN BUKAN PENGHUJUNG KEJAYAAN.

MUTIARA HIKMAH 1

2021 CHAPTER IN BOOK MAIN AUTHOR

## 30. TRAUMA GIGI DAN CARA PENGURUSANNYA

GIGI ANAKKU SIHAT

2021 CHAPTER IN BOOK MAIN AUTHOR

## 31. DRUG-INFLUENCED GINGIVAL ENLARGEMENT: OVERVIEW OF THE CLINICAL FEATURES AND ASSESSMENT METHODS

THE JOURNAL OF DENTISTS

2019 JOURNAL OTHER DATABASE MAIN AUTHOR / CONTACT PERSON IN USIM

## 32. DRUG INDUCED GINGIVAL OVERGROWTH AMONG HYPERTENSIVE PATIENTS ATTENDING HOSPITAL UNIVERSITI SAINS MALAYSIA: A PRELIMINARY DATA

THE 3RD INTERNATIONAL CONFERENCE ON MEDICAL AND HEALTH SCIENCES (3RD ICMHS) AND THE 24TH NATIONAL CONFERENCE ON MEDICAL AND HEALTH SCIENCES (24TH NCMHS)

2019 PROCEEDING NON-INDEX MAIN AUTHOR

# CONSULTATION

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## 1. PROJEK PERUNDINGAN TANPA BIAYA - PENGURUS PERGIGIAN MEDICOM MALAYSIA

PERTUBUHAN AMAL KEBAJIKAN DAN PERUBATAN MALAYSIA (MEDICOM MALAYSIA)

2023

NATIONAL

# AWARDS/RECOGNITION

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## 1. PENILAIAN PRESTASI CEMERLANG

2025 UNIVERSITY

## 2. GOLD MEDAL AWARD BAGI INOVASI PENDIGITALAN REKOD PERIODONTOLOGI (USIM): KE ARAH PENGAJARAN DAN PEMBELAJARAN KLINIKAL YANG EFISIEN

2025 NATIONAL

## 3. TRAINER / FACILITATOR

UNIVERSITI SAINS ISLAM MALAYSIA

2025 UNIVERSITY

## 4. TRAINER / FACILITATOR

UNIVERSITI SAINS ISLAM MALAYSIA

2025 NATIONAL

## 5. TRAINER / FACILITATOR

FACULTY OF DENTISTRY USIM

2025 INTERNATIONAL

## 6. TRAINER / FACILITATOR

ISLAMIC SCIENCE INSTITUTE IN COLLABORATION WITH CENTRE FOR AWQAF AND ZAKAT USIM AND EUREKA

2025 UNIVERSITY

## 7. EUCUGEL FOR INFECTION CONTROL AND PULP REGENERATION

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA SILVER

## 8. INOVASI PENDIGITALAN REKOD PERIODONTOLOGI (USIM): KE ARAH PENGAJARAN DAN PEMBELAJARAN KLINIKAL YANG EFISIEN

Pertandingan Amalan Inovasi Pengurusan, Karnival Inovasi@UMT 2025

2025 KEBANGSAAN GOLD

## 9. ANUGERAH KREATIVITI DAN INOVASI (TEKNIKAL KUMPULAN) SISTEM E-KLINIKAL VERSI 3 FASA 1

2024 UNIVERSITY

## 10. ANUGERAH PERKHIDMATAN CEMERLANG

2024 UNIVERSITY

## 11. BRONZE MEDAL TED TALK COMPETITION

2024 UNIVERSITY

## 12. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2024 UNIVERSITY

## 13. ACADEMIC ADVISOR

FAKULTI PERGIGIAN

2024 UNIVERSITY

## 14. THE DEVELOPMENT OF ECO-CALDENT PROTOTYPE (AN ARTIFICIAL DENTAL CALCULUS)

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI BRONZE

# AWARDS/RECOGNITION

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## 15. ACADEMIC ADVISOR

FAKULTI PERGIGIAN

2023 UNIVERSITY

## 16. ACADEMIC ADVISOR

FAKULTI PERGIGIAN

2023 UNIVERSITY

## 17. ECO-CALDENT

Malaysia Technology Expo (MTE) 2023

2023 ANTARABANGSA SILVER

## 18. ECO-CALDENT

34th INTERNATIONAL INVENTION & TECHNOLOGY EXHIBITION MALAYSIA (ITEX2023)

2023 ANTARABANGSA SILVER

## 19. THE EFFECT OF STINGLESS BEE HONEY MOUTHRINSE ON DENTAL PLAQUE ACCUMULATION

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023 UNIVERSITI SILVER

## 20. IKON ALUMNI AKADEMIK

2022 UNIVERSITY

## 21. FACULTY'S WRITER OF THE MONTH (MAY 2022)

2022 UNIVERSITY

## 22. SILVER AWARD INOVAS22

2022 NATIONAL

## 23. FIRST PRIZE AWARD (ECOCALDENT INNOVATION)

2022 UNIVERSITY

## 24. ACADEMIC ADVISOR

FAKULTI PERGIGIAN

2022 UNIVERSITY

## 25. E-MODULE FOR OROSUTURE KIT

MINGGU PENYELIDIKAN DAN INOVASI 2022 (MPI'22)

2022 KEBANGSAAN SILVER

## 26. ECO-CALDENT

MINGGU PENYELIDIKAN DAN INOVASI 2022 (MPI'22)

2022 KEBANGSAAN GOLD

## 27. ECO-CALDENT

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI SILVER

## 28. POSCARE APP

INOVAS 2022: Human Well-being & Sustainable Community

2022 UNIVERSITI SILVER

# AWARDS/RECOGNITION

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## 29. E-MODUL OROSUTURE KIT

INNOVATION FOR SOCIAL WELL-BEING (e-INNOVATION)

2021

KEBANGSAAN

SILVER

## 30. E-PERIOASSESS

INNOVATION FOR SOCIAL WELL-BEING (e-INNOVATION)

2021

KEBANGSAAN

SILVER