Profile Image

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CONTACT

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FACULTY

Fakulti Pergigian

SUPERVISION

	COMPLETED	ONGOING
PhD	0	0
Master	1	1

AREAS OF EXPERTISE

Biomaterial Engineering

ACADEMIC QUALIFICATION

2011 **PhD** - Farmasi

2001 **Bachelor** - Sains Bioperubatan

RESEARCH

1. **MECHANISM UNDERLYING WOUND HEALING ACTIVITY OF TUALANG HONEY-SAGO/PVA HYDROGELS.**
   2024 | GERAN KPT | ON GOING | MAIN RESEARCHER

2. **PHYSICOCHEMICAL PROPERTIES OF HEAT CURE DENTURE BASE FABRICATED FROM RECYCLED POLYMETHYL METHACRYLATE (PMMA) RESIN**
   2023 | BIDUNI MIZANNIYAH | COMPLETED | MAIN RESEARCHER

3. **ROLE OF SIWAK (SALVADORA PERSICA) IN PLAQUE REMOVAL USING 3D SIMULATION MODEL**
   2014 | GERAN KPT | COMPLETED | MAIN RESEARCHER

4. **ANTI-PROLIFERATIVE EFFECTS OF CRUDE BANANA SOFT PITH (BSP) EXTRACTS AGAINST ORAL CANCER CELL LINES**
   2013 | GERAN KPT | COMPLETED | MAIN RESEARCHER

PUBLICATION

1. SENNA ALATA EXTRACT AS A POTENTIAL CANDIDA ALBICANS BIOFILM INHIBITOR FOR POLYMETHYL METHACRYLATE BASED DENTURE

BOTANIC GARDENS SYMPOSIUM 2024: STRENGTHENING THE NETWORKS, PRESERVING BIOLOGICAL DIVERSITY

2024 PROCEEDING NON-INDEX MAIN AUTHOR

2. ANTIFUNGAL EFFICACY OF NIGELLA SATIVA OIL EXTRACT IN INHIBITING CANDIDA ALBICANS COLONIZATION ON 3D-PRINTED DENTURE BASES

BOTANIC GARDENS SYMPOSIUM 2024 (BGS2024)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

3. TUALANG HONEY-LOADED MUCOADHESIVE PATCHES FOR ORAL MUCOSAL DRUG DELIVERY

AIRLANGGA DENTAL MEDICINE EXHIBITION (ADME)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

4. MISWAK STARCH-BASED GEL AS TOPICAL PREPARATION FOR POTENTIAL MANAGEMENT OF INFECTIVE ULCERATION

INTERNATIONAL JOURNAL OF RESEARCH IN PHARMACEUTICAL SCIENCES

2021 JOURNAL SCOPUS MAIN AUTHOR

5. A SIMPLIFIED SYSTEM FOR SIMULATION OF STREPTOCOCCUS MUTANS BIOFILM ON HEALTHY EXTRACTED HUMAN TOOTH AS DENTAL PLAQUE MODEL

JOURNAL OF APPLIED PHARMACEUTICAL SCIENCE

2019 JOURNAL SCOPUS MAIN AUTHOR

6. THE REMARKABLE THREE-DIMENSIONAL NETWORK STRUCTURE OF BACTERIAL CELLULOSE FOR TISSUE ENGINEERING APPLICATIONS

INTERNATIONAL JOURNAL OF PHARMACEUTICS

2019 JOURNAL ERA MAIN AUTHOR

7. NANOCELLULOSE: INSIGHT INTO HEALTH AND MEDICAL APPLICATIONS

HANDBOOK OF ECOMATERIALS

2019 CHAPTER IN BOOK MAIN AUTHOR

8. NANOCELLULOSE: INSIGHT INTO HEALTH AND MEDICAL APPLICATIONS

HANDBOOK OF ECOMATERIALS

2018 CHAPTER IN BOOK MAIN AUTHOR

9. POTENTIAL APPLICATIONS OF NANOCELLULOSE-CONTAINING MATERIALS IN THE BIOMEDICAL FIELD

MATERIALS 2017, 10, 977

2017 JOURNAL WOS MAIN AUTHOR

10. PRELIMINARY ASSESSMENT OF SALVADORA PERSICA WHITENING EFFECTS ON EXTRACTED STAINED TEETH

JOURNAL OF APPLIED PHARMACEUTICAL SCIENCE

2017 JOURNAL SCOPUS MAIN AUTHOR

PUBLICATION

11. ISLAM AND TECHNOLOGICAL DEVELOPMENT IN MALAYSIA?S HEALTH CARE: AN ISLAMIC LEGAL BASIS ANALYSIS OF DENTAL MATERIALS USED IN PERIODONTAL THERAPY

GEOGRAFIA ONLINETM MALAYSIAN JOURNAL OF SOCIETY AND SPACE

2016 JOURNAL ERA MAIN AUTHOR

12. PRESENCE OF MINERAL CRYSTALS IN SALVADORA PERSICA STEM FIBERS AS NATURAL ABRASIVE AGENTS

3RD PAN-ASIAN BIOMEDICAL SCIENCE CONFERENCE

2016 PROCEEDING NON-INDEX MAIN AUTHOR

13. TOPOLOGICAL CHARACTERIZATION OF A BACTERIAL CELLULOSE�ACRYLIC ACID POLYMERIC MATRIX.

EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES

2014 JOURNAL WOS MAIN AUTHOR

14. PHYSICOCHEMICAL PROPERTIES AND CHARACTERIZATION OF NATA DE COCO FROM LOCAL FOOD INDUSTRIES AS A SOURCE OF CELLULOSE.

SAINS MALAYSIANA

2012 JOURNAL WOS MAIN AUTHOR

15. UNIQUE STIMULI RESPONSIVE CHARACTERISTICS OF ELECTRON BEAM SYNTHESIZED BACTERIAL CELLULOSE/ACRYLIC ACID COMPOSITE

JOURNAL OF APPLIED POLYMER SCIENCE

2010 JOURNAL WOS MAIN AUTHOR

16. PENGEMBUNGAN HIDROGEL SELULOSA BAKTERIA-ASID AKRILIK : SENSITIVITI TERHADAP RANGSANGAN LUAR

SAINS MALAYSIANA

2009 JOURNAL WOS MAIN AUTHOR

CONSULTATION

1. FABRICATION OF A TOOTHBRUSH SIMULATOR

GERAN PENYELIDIKAN : FRGS/1/2014/SG06/USIM/02/1 (USIM/FRGS/FPG/32/50414)

2016 UNIVERSITY

AWARDS/RECOGNITION

1. WRITER OF THE MONTH FOR JULY 2025

2025 OTHERS

2. EUCUGEL FOR INFECTION CONTROL AND PULP REGENERATION

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA SILVER

AWARDS/RECOGNITION

3. SAGO SOOTH

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA BRONZE

4. ANUGERAH PENULIS JURNAL BERIMPAK TERTINGGI

2023 UNIVERSITY

5. INVESTIGATIONS ON THE SURFACE COATING EFFECT OF NIGELLA SATIVA ON CONVENTIONAL AND 3-DIMENSIONAL (3D) PRINTED DENTURE BASE

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023 UNIVERSITI BRONZE