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FACULTY
Fakulti Pergigian

SUPERVISION

PhD	0 COMPLETED	0 ONGOING
Master	1 COMPLETED	4 ONGOING

AREAS OF EXPERTISE

Natural Poducts | Cancer | Clinical Pharmacology

ACADEMIC QUALIFICATION

2019 **PhD** - Dentistry

2011 **Master** - Pharmacology

2005 **Bachelor** - Biomedical Science

RESEARCH

1. ANTIFUNGAL ACTIVITY OF FIG VINEGAR AGAINST THE ADHERENCE OF CANDIDA ALBICANS ON DENTURES

2021 | BIDUNI MIZANNIYAH | COMPLETED | MAIN RESEARCHER

2. ELUCIDATION OF TUALANG HONEY INCORPORATION MECHANISM FOR EPITHELIAL REGENERATION OF PRIMARY NORMAL ORAL MUCOSAL MODEL.

2020 | GERAN KPT | ON GOING | MAIN RESEARCHER

3. ANTIBACTERIAL ACTIVITY OF LOCAL MALAYSIAN HONEY AGAINST ORAL BACTERIA IN VITRO

2019 | GERAN PENYELIDIKAN KHAS | COMPLETED | MAIN RESEARCHER

PUBLICATION

1. INNOVATIVE 3D-PRINTED DENTAL CROWNS INFUSED WITH CHITOSAN AND SILICON DIOXIDE NANOPARTICLES:EVALUATION OF BIOCOMPATIBILITY AND STRUCTURAL PROPERTIES

5TH INNOVATION BANK CHALLENGE (IBC) 2025

2025 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. 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

5. PROBIOSHIELD ORAL RINSE

INTERNATIONAL SCIENCE AND SOCIAL SCIENCE INNOVATION COMPETITION

2024 PROCEEDING NON-INDEX MAIN AUTHOR

6. CONSTRUCTION OF A FULL-THICKNESS OF TISSUE-ENGINEERED ORAL MUCOSA (TEOM) BASED ON IMMORTALISED KERATINOCYTES

1ST INTERNATIONAL CONFERENCE BRAWIJAYA DENTISTRY

2019 PROCEEDING NON-INDEX MAIN AUTHOR

7. PRE-CLINICAL EVALUATION OF NOVEL MUCOADHESIVE BILAYER PATCHES FOR LOCAL DELIVERY OF CLOBETASOL-17-PROPIONATE TO THE ORAL MUCOSA.

BIOMATERIALS

2018 JOURNAL WOS MAIN AUTHOR

8. USE OF TISSUE-ENGINEERED ORAL MUCOSA (TEOM) BASED ON IMMORTALISED KERATINOCYTES FOR ORAL DRUG DELIVERY STUDIES

FUTURE INVESTIGATORS OF REGENERATIVE MEDICINE (FIRM) SYMPOSIUM

2017 PROCEEDING NON-INDEX MAIN AUTHOR

9. CHARACTERISATION OF A THREE-DIMENSIONAL TISSUE-ENGINEERED IN VITRO MODEL OF THE ORAL MUCOSA USING TERT2 IMMORTALISED ORAL KERATINOCYTES

18TH ANNUAL BITEG WORK IN PROGRESS MEETING

2016 PROCEEDING NON-INDEX MAIN AUTHOR

10. CHARACTERISATION OF A THREE-DIMENSIONAL TISSUE-ENGINEERED IN VITRO MODEL OF THE ORAL MUCOSA USING TERT-2 IMMORTALISED ORAL KERATINOCYTES.

CELL CULTURE CONFERENCE 2016

2016 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

11. THE IMPROVEMENT OF IN VIVO MODEL (BALB/C MICE) FOR CERVICAL CARCINOGENESIS USING DIETHYLSTILBESTROL

EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY

2013 | JOURNAL | WOS | MAIN AUTHOR

12. IN VITRO CYTOTOXIC EFFECTS OF DILLENIA SUFFRUTICOSA EXTRACTS AGAINST CERVICAL ADENOCARCINOMA CELLS (HELA)

2ND IGCS REGIONAL MEETING ON GYNECOLOGIC CANCERS

2013 | PROCEEDING | NON-INDEX | MAIN AUTHOR

AWARDS/RECOGNITION

1. INNOVATIVE 3D-PRINTED CROWNS INFUSED WITH CHITOSAN AND SILICON DIOXIDE NANOPARTICLES: EVALUATION OF MECHANICAL STRENGTH AND BIOCOMPATIBILITY

INNOVATION BANK CHALLENGE 2025

2025 | ANTARABANGSA | GOLD

2. EUCUGEL FOR INFECTION CONTROL AND PULP REGENERATION

INNOVATION BANK CHALLENGE 2025

2025 | ANTARABANGSA | SILVER

3. SAGO SOOTH

INNOVATION BANK CHALLENGE 2025

2025 | ANTARABANGSA | BRONZE

4. GOLD MEDAL

2024 | NATIONAL

5. BRONZE AWARD

2024 | INTERNATIONAL