

DR. ZULFAHMI BIN SAID

PENSYARAH UNIVERSITI DS13

CONTACT

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03-42892518

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zulfahmi@usim.edu.my

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. ELUCIDATING THE ROLE OF ZIRCONIA MICROPARTICLE WASTE IN MODULATING THE PROPERTIES OF PHOTOPOLYMER RESINS FOR 3D-PRINTED DENTAL CROWNS.

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

2. CHARACTERIZATION OF MECHANICAL PROPERTIES AND MICROBIAL ADHERENCE OF HIGH-PERFORMANCE POLYMER, POLYETHERIMIDE (PEI) REINFORCED ON THREE-DIMENSIONAL (3D) PRINTED REMOVABLE DENTURE BASE

2024 | GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) | ON GOING | CO-RESEARCHER

3. MECHANISM UNDERLYING WOUND HEALING ACTIVITY OF TUALANG HONEY-SAGO/PVA HYDROGELS.

2024 | GERAN KPT | ON GOING | CO-RESEARCHER

4. PHYSICOCHEMICAL PROPERTIES OF HEAT CURE DENTURE BASE FABRICATED FROM RECYCLED POLYMETHYL METHACRYLATE (PMMA) RESIN

2023 | BIDUNI MIZANNIYAH | COMPLETED | CO-RESEARCHER

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

2021 | BIDUNI MIZANNIYAH | COMPLETED | MAIN RESEARCHER

RESEARCH

6. INVESTIGATION OF COMPLETE DENTURE PERFORMANCE UTILISING ADDITIVE MANUFACTURING TECHNIQUE

2021 | GERAN PENYELIDIKAN INDUSTRI | COMPLETED | CO-RESEARCHER

7. MECHANISM STUDIES AND BIOLOGICAL ACTIVITIES OF ALPINIA CONCHIGERA AND 1?S-1?-ACETOXYCHAVICOL ACETATE AGAINST CLINICAL ORAL OPPORTUNISTIC PATHOGENS

2021 | GERAN KPT | ON GOING | CO-RESEARCHER

8. ELUCIDATING THE PROPERTIES OF HIGH-PERFORMANCE POLYMERS REINFORCED ON THREE-DIMENSIONAL PRINTED REMOVABLE DENTURE BASE

2021 | GERAN KPT | ON GOING | CO-RESEARCHER

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

2020 | GERAN KPT | ON GOING | MAIN RESEARCHER

10. ANTI-MICROBIAL EFFECTS OF CONCENTRATED GROWTH FACTOR (CGF) AGAINST MICROORGANISMS OF ORAL CAVITY

2020 | PENYELIDIKAN TANPA BIAYA | COMPLETED | CO-RESEARCHER

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

2019 | GERAN PENYELIDIKAN KHAS | COMPLETED | MAIN RESEARCHER

12. ANTI-PROLIFERATIVE PROPERTIES OF CLINACANTHUS NUTANS L. LEAVES EXTRACTS AGAINST ORAL CANCER CELL LINES

2014 | GERAN KPT | COMPLETED | CO-RESEARCHER

13. ANTI-BIOFILM AND ANTI-ADHERENCE ACTIVITIES OF MELASTOMATA MALABAYRICHUM AXTRACTS AGAINTS STREPTOCOCCUS MUTANTS

2013 | GERAN PENYELIDIKAN JANGKA PENDEK | COMPLETED | CO-RESEARCHER

14. ANTI-PROLIFERATIVE EFFECTS OF CRUDE BANANA SOFT PITH (BSP) EXTRACTS AGAINST ORAL CANCER CELL LINES

2013 | GERAN KPT | COMPLETED | CO-RESEARCHER

PUBLICATION

1. THE CYTOTOXICITY AND ANTI-INFLAMMATORY PROPERTIES OF 1?S-1?- ACETOXYCHAVICOL ACETATE (ACA) ON ORAL CELLS

JOURNAL OF DENTISTRY INDONESIA

2025 | JOURNAL | OTHER DATABASE | CORRESPONDING AUTHOR

2. EVALUATION OF MECHANICAL AND BIOLOGICAL PROPERTIES OF HEAT-CURED DENTURE BASE FABRICATED WITH RECYCLED PMMA POWDER

INTERNATIONAL JOURNAL OF DENTAL MATERIALS

2025 | JOURNAL | OTHER DATABASE | CORRESPONDING AUTHOR

PUBLICATION

3. UNRAVELING TUALANG HONEY?S POTENTIAL TO ENHANCE EPITHELIAL REGENERATION IN ORAL MUCOSA MODELS (OMM) CULTIVATED FROM PRIMARY HUMAN ORAL CELLS

4TH I-DENT 2025

2025 PROCEEDING NON-INDEX CO-AUTHOR

4. EUCUGEL FOR INFECTION CONTROL AND PULP REGENERATION

INNOVATION BANK CHALLENGE (IBC) 2025

2025 PROCEEDING NON-INDEX CO-AUTHOR

5. SAGO SOOTH

INNOVATION BANK CHALLENGE IBC 2025

2025 PROCEEDING NON-INDEX CO-AUTHOR

6. PRELIMINARY EVALUATION OF MECHANICAL AND BIOLOGICAL PROPERTIES OF HEAT CURE DENTURE BASE MODIFIED WITH RECYCLED PMMA-DENTURE BASE RESIN

4TH INTERNATIONAL DENTAL CONFERENCE (I-DENT) 2025 - ADVANCEMENTS IN DENTISTRY: SHAPING TOMORROW?S SMILES

2025 PROCEEDING NON-INDEX CO-AUTHOR

7. 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

8. AN EVALUATION OF CYTOTOXIC ACTIVITY AND ANTIMICROBIAL PROPERTIES OF POLYETHERIMIDE REINFORCED ON 3D PRINTED DENTURE BASE

I-DENT 2025

2025 PROCEEDING MYCITE CORRESPONDING AUTHOR

9. DEVELOPMENT OF 3-DIMENSIONALLY PRINTED DENTURE BASE MATERIAL UTILIZING HYBRID POLYMER: A PRELIMINARY INVESTIGATION

JOURNAL OF PROSTHETIC DENTISTRY

2024 JOURNAL ERA CO-AUTHOR

10. REGENERATIVE EFFECT OF TUALANG HONEY ON EPITHELIAL LAYER OF ORAL MUCOSA MODEL FABRICATED USING PRIMARY ORAL HUMAN CELLS

INTERNATIONAL APPLIED BIOLOGY CONFERENCE

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

11. TUALANG-HONEY MUCOADHESIVE PATCHES

MALAYSIA PHARMA & HEALTHCARE EXPO 2024

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

12. 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

PUBLICATION

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

AIRLANGGA DENTAL MEDICINE EXHIBITION (ADME)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

14. MECHANICAL AND BIOLOGICAL PROPERTIES OF HEAT CURE DENTURE BASE MODIFIED WITH RECYCLED PMMA?BASED DENTURE RESIN

10TH DENTAL STUDENTS? COLLOQUIUM FACULTY OF DENTISTRY USIM

2024 PROCEEDING NON-INDEX CO-AUTHOR

15. 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

16. ANTIMICROBIAL PROPERTIES OF POLYETHERIMIDE (PEI) REINFORCED ON 3D PRINTED DENTURE BASE: A PRELIMINARY INVESTIGATION

IBC 2024

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

17. AN EVALUATION OF CYTOTOXIC ACTIVITIES OF POLYETHERIMIDE (PEI) REINFORCED ON 3D PRINTED DENTURE BASE

IBC 2024

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

18. PROBIOSHIELD ORAL RINSE

INTERNATIONAL SCIENCE AND SOCIAL SCIENCE INNOVATION COMPETITION

2024 PROCEEDING NON-INDEX MAIN AUTHOR

19. REGENERATIVE AND ANTI-INFLAMMATORY EFFECTS OF ALPINIA CONCHIGERA RHIZOME ON ORAL CELLS

INTERNATIONAL APPLIED BIOLOGY CONFERENCE

2024 PROCEEDING SCOPUS CORRESPONDING AUTHOR

20. DESCRIPTION OF POLY(ARYL-ETHER-KETONE) MATERIALS (PAEKS), POLYETHERETHERKETONE (PEEK) AND POLYETHERKETONEKETONE (PEKK) FOR APPLICATION AS A DENTAL MATERIAL: A MATERIALS SCIENCE REVIEW

POLYMERS

2023 JOURNAL ERA CO-AUTHOR

21. EFFECT OF DIFFERENT VAT POLYMERIZATION TECHNIQUES ON MECHANICAL AND BIOLOGICAL PROPERTIES OF 3D-PRINTED DENTURE BASE

POLYMERS

2023 JOURNAL ERA CO-AUTHOR

22. POLYMER-BASED HYDROGEL LOADED WITH HONEY IN DRUG DELIVERY SYSTEM FOR WOUND HEALING APPLICATIONS

POLYMERS

2023 JOURNAL ERA CORRESPONDING AUTHOR

PUBLICATION

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

INNOVATION BANK CHALLENGE (IBC) 2023

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

24. FORMULATION AND CHARACTERIZATION OF NOVEL MUCOADHESIVE TUALANG HONEY PATCHES FOR ORAL MUCOSAL DRUG DELIVERY

8TH INTERNATIONAL BIOTECHNOLOGY SYMPOSIUM

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

25. EVALUATION OF WOUND HEALING PROPERTIES OF TUALANG HONEY AGAINST PRIMARY ORAL FIBROBLAST CELLS

8TH INTERNATIONAL BIOTECHNOLOGY SYMPOSIUM

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

26. MECHANICAL PROPERTIES AND MICROBIAL ADHERENCE OF HIGH-PERFORMANCE POLYMER, POLYETHERKETONEKETONE (PEKK) REINFORCED ON THREE-DIMENSIONAL (3D) PRINTED REMOVABLE DENTURE BASE

7TH JOINT SCIENTIFIC MEETING IN DENTISTRY (JSMID)

2023 PROCEEDING NON-INDEX CO-AUTHOR

27. A PRELIMINARY INVESTIGATIONS ON THE MECHANICAL AND BIOLOGICAL PROPERTIES OF PMMA INCORPORATED WITH MICROPARTICLES ZIRCONIA WASTE ON 3D-PRINTED DENTURE BASE

9TH DENTAL STUDENTS' COLLOQUIUM

2023 PROCEEDING NON-INDEX CO-AUTHOR

28. A PRELIMINARY INVESTIGATIONS ON THE MECHANICAL AND BIOLOGICAL PROPERTIES OF PMMA INCORPORATED WITH MICROPARTICLES ZIRCONIA WASTE ON 3D-PRINTED DENTURE BASE

15TH NATIONAL DENTAL STUDENTS SCIENTIFIC CONFERENCE 2023

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

29. A PRELIMINARY INVESTIGATION ON NOVEL THREE DIMENSIONAL PRINTED HYBRID DENTURE BASE POLYMER

CONSASIA 2023

2023 PROCEEDING OTHER DATABASE CORRESPONDING AUTHOR

30. GIGI CERITA MENIMBA ILMU

2023 BOOK

31. PRELIMINARY NOVEL ANALYSIS ON ANTIMICROBIAL PROPERTIES OF CONCENTRATED GROWTH FACTOR AGAINST BACTERIA-INDUCED ORAL DISEASES

EUROPEAN JOURNAL OF DENTISTRY

2022 JOURNAL SCOPUS CO-AUTHOR

32. MODIFICATION OF POLYMER BASED DENTURES ON BIOLOGICAL PROPERTIES: CURRENT UPDATE, STATUS, AND FINDINGS

INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES

2022 JOURNAL ERA CO-AUTHOR

PUBLICATION

33. FORMULATION AND CHARACTERIZATION OF NOVEL MUCOADHESIVE TUALANG HONEY PATCHES AGAINST PRIMARY ORAL CELLS

2ND INNOVATION BANK CHALLENGE 2022 (IBC'22)

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

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

14TH NATIONAL DENTAL STUDENTS? SCIENTIFIC CONFERENCE 2022

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

35. PROLIFERATIVE AND REGENERATIVE PROPERTIES OF TUALANG HONEY AGAINST PRIMARY ORAL FIBROBLAST CELLS

2ND INNOVATION BANK CHALLENGE 2022 (IBC'22)

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

36. ANTIFUNGAL ACTIVITY OF FIG VINEGAR AGAINST THE ADHERENCE OF CANDIDA ALBICANS ON DENTURE BASES

PHARM-IIDEX 2022

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

37. CHARACTERIZATION OF HIGH-PERFORMANCE POLYMER, POLYETHERKETONEKETONE (PEKK) REINFORCED ON THREE-DOMENSIONAL (3D) PRINTED REMOVABLE DENTURE BASE

2ND INNOVATION BANK CHALLENGE 2022 (IBC'22)

2022 PROCEEDING NON-INDEX CO-AUTHOR

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

8TH USIM DENTAL STUDENTS COLLOQUIUM

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

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

8TH USIM DENTAL STUDENTS COLLOQUIUM

2022 PROCEEDING NON-INDEX CO-AUTHOR

40. CORTICOSTEROID DELIVERY USING ORAL MUCOSA EQUIVALENTS FOR THE TREATMENT OF INFLAMMATORY MUCOSAL DISEASES

EUROPEAN JOURNAL OF ORAL SCIENCES

2021 JOURNAL WOS MAIN AUTHOR / CONTACT PERSON IN USIM

41. ANTIMICROBIAL EFFECT OF CONCENTRATED GROWTH FACTOR (CGF) AGAINST ORAL DISEASES-INDUCED MICROORGANISMS.

13TH NDSSC (NDSSC 2021)

2021 PROCEEDING NON-INDEX CO-AUTHOR

42. ANTIMICROBIAL PROPERTIES OF CONCENTRATED GROWTH FACTOR (CGF) AGAINST BACTERIA INDUCED ORAL DISEASES

10TH VIRTUAL CONSEURO 2021 CONGRESS

2021 PROCEEDING NON-INDEX CO-AUTHOR

PUBLICATION

43. COMPARATIVE STUDY BETWEEN LOCAL MALAYSIAN HONEYS (TUALANG AND KELULUT) AND MANUKA HONEY IN ANALYZING ITS ANTI-BACTERIAL AND ANTI-BIOFILM PROPERTIES AGAINST STREPTOCOCCUS MUTANS

NATIONAL DENTAL STUDENTS SCIENTIFIC CONFERENCE (NDSSC) 2020 SPECIAL EDITION

2020 PROCEEDING NON-INDEX CO-AUTHOR

44. 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

45. ANTI-BACTERIAL AND ANTI-BIOFILM PROPERTIES OF HONEYS AGAINST STREPTOCOCCUS MUTANS

6TH USIM DENTAL STUDENTS COLLOQUIUM

2019 PROCEEDING NON-INDEX CO-AUTHOR

46. 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

47. NOVEL BILAYER MUCOADHESIVE PATCHES FOR DELIVERY OF CLOBETASOL-17-PROPIONATE TO THE ORAL MUCOSA TO TREAT ORAL LICHEN PLANUS; AN IN VITRO AND IN VIVO EVALUATION

ORAL SURGERY, ORAL MEDICINE, ORAL PATHOLOGY AND ORAL RADIOLOGY

2018 JOURNAL WOS CO-AUTHOR

48. THE FABRICATION AND PRE-CLINICAL EVALUATION OF NOVEL MUCOADHESIVE BILAYER PATCHES FOR LOCAL DRUG DELIVERY TO THE ORAL MUCOSA

96TH GENERAL SESSION AND EXHIBITION OF THE IADR IADR PAN EUROPEAN REGIONAL CONGRESS

2018 PROCEEDING NON-INDEX CO-AUTHOR

49. 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

50. 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

51. 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

52. ANTIBACTERIAL AND BIOFILM INHIBITION ACTIVITIES OF MELASTOMA MALABATHRICUM STEM BARK EXTRACT AGAINST STREPTOCOCCUS MUTANS

MALAYSIAN JOURNAL OF MICROBIOLOGY

2015 JOURNAL SCOPUS CO-AUTHOR

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

EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY

2013 JOURNAL WOS MAIN AUTHOR

54. DILLENIA SUFFRUTICOSA EXHIBITED ANTIOXIDANT AND CYTOTOXIC ACTIVITY THROUGH INDUCTION OF APOPTOSIS AND G2/M CELL CYCLE ARREST

JOURNAL OF ETHNOPHARMACOLOGY

2013 JOURNAL WOS CO-AUTHOR

55. 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

6. AN EVALUATION OF CYTOTOXIC ACTIVITIES OF POLYETHERIMIDE REINFORCED ON 3D PRINTED DENTURE BASE

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI SILVER

AWARDS/RECOGNITION

7. ANTIMICROBIAL PROPERTIES OF POLYETHERIMIDE (PEI) REINFORCED ON 3D PRINTED DENTURE BASE: A PRELIMINARY INVESTIGATION

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI SILVER

8. FIRST PRIZE WINNER (RESEARCH ROADMAP - 10 MINUTES POSTER PRESENTATION) IN 15TH NATIONAL DENTAL STUDENTS' SCIENTIFIC CONFERENCE (NDSSC)

2023 NATIONAL

9. BEST RESEARCH AWARD IN 9TH DENTAL STUDENTS' COLLOQUIUM

2023 OTHERS

10. FIRST PLACE POSTER PRESENTATION IN 9TH DENTAL STUDENTS' COLLOQUIUM

2023 OTHERS

11. WRITER OF THE MONTH (JULY 2023)

2023 OTHERS

12. FIRST RUNNER-UP OF E-POSTER PRESENTATION IN 7TH JOINT SCIENTIFIC MEETING IN DENTISTRY

2023 INTERNATIONAL

13. ACADEMIC ADVISOR

PUSAT PENGURUSAN PENYELIDIKAN & INOVASI,UNIVERSITI SAINS ISLAM MALAYSIA

2023 UNIVERSITY

14. ACADEMIC ADVISOR

PUSAT PENGURUSAN PENYELIDIKAN & INOVASI,UNIVERSITI SAINS ISLAM MALAYSIA

2023 UNIVERSITY

15. ACADEMIC ADVISOR

FACULTY OF DENTISTRY, UNIVERSITI SAINS ISLAM MALAYSIA

2023 OTHERS

16. BIOCAST

34th INTERNATIONAL INVENTION & TECHNOLOGY EXHIBITION MALAYSIA (ITEX2023)

2023 ANTARABANGSA GOLD

17. 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

18. TIDAK DINYATAKAN

7th Joint Scientific Meeting in Dentistry (JSMiD)

2023 ANTARABANGSA GOLD

AWARDS/RECOGNITION

19. **TIDAK DINYATAKAN**

THE 9TH DENTAL STUDENTS' COLLOQUIUM FACULTY OF DENTISTRY

2023 UNIVERSITI GOLD

20. **TIDAK DINYATAKAN**

15th National Dental Student Scientific Conference 2023

2023 KEBANGSAAN GOLD

21. **CHARACTERIZATION OF HIGH-PERFORMANCE POLYMER, POLYETHERKETONEKETONE (PEKK) REINFORCED ON THREE-DIMENSIONAL (3D) PRINTED REMOVABLE DENTURE BASE**

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI GOLD

22. **FORMULATION AND CHARACTERIZATION OF NOVEL MUCOADHESIVE TUALANG HONEY PATCHES AGAINST PRIMARY ORAL FIBROBLAST CELLS**

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI SILVER

23. **PROLIFERATIVE AND REGENERATIVE PROPERTIES OF TUALANG HONEY AGAINST PRIMARY ORAL FIBROBLAST CELLS**

INNOVATION BANK CHALLENGE (IBC 2022)

2022 UNIVERSITI SILVER

24. **ANTIFUNGAL ACTIVITY OF FIG VINEGAR AGAINST THE ADHERENCE OF CANDIDA ALBICANS ON DENTURE BASES**

PHARM - IIDEx 2022 Dream.Create.Inspire

2022 KEBANGSAAN GOLD

25. **MECHANICAL AND SURFACE CHARACTERISATION OF 3D PRINTED DENTURE BASED RESIN FABRICATED ON DIFFERENT 3D PRINTERS**

INVENTION, INNOVATION & DESIGN EXPOSITION 2022 (IIDEX)

2022 KEBANGSAAN GOLD

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

8TH DENTAL STUDENTS COLLOQUIUM

2022 UNIVERSITI GOLD

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

8TH DENTAL STUDENTS COLLOQUIUM

2022 UNIVERSITI GOLD

28. **GOLD AWARD**

2021 INTERNATIONAL

29. **GOLD AWARD**

2021 INTERNATIONAL

AWARDS/RECOGNITION

30. SILVER AWARD

2021 UNIVERSITY

31. APPLICATION OF NORMAL ORAL MUCOSA 3D MODEL AS DIAGNOSTIC TOOLS FORDRUG EVALUATION

INNOVATION BANK CHALLENGE (IBC 2021)

2021 UNIVERSITI SILVER

32. APPLICATION OF NORMAL ORAL MUCOSA 3D MODEL AS DIAGNOSTIC TOOLS FOR DRUG EVALUATION

3rd International Invention & Innovation in Dentistry Exhibition 2021 (IIIDentEx)

2021 ANTARABANGSA GOLD

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

1st INTERNATIONAL CONFERENCE BRAWIJAYA DENTISTRY

2019 ANTARABANGSA BEST PAPER AWARD

34. PRE-CLINICAL EVALUATION OF NOVEL MUCOADHENSIVE BILAYER PATCHES FOR LOCAL DELIVERY OF CLOBETASOL-17-PROPIONATE TO THE ORAL MUCOSA (BIOMATERIALS)

ANUGERAH MAKALAH JURNAL TERBAIK KATEGORI SAINS TEKNOLOGI

2018 UNIVERSITI GOLD