



DR. RINA HARYANI BINTI OSMAN BASAH

PENSYARAH UNIVERSITI DS13

CONTACT

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Faculty: Fakulti Pergigian

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0,
Ongoing: 0

AREAS OF EXPERTISE

ACADEMIC QUALIFICATION

PhD in Dentistry - Tissue Engineering (2021)

Master in Sains Perubatan (anatomi) (2014)

Bachelor in Sains Forensik (2006)

RESEARCH

1. ELUCIDATION OF IN VITRO CYTOTOXIC EFFECT OF SILVER NANOPARTICLES-KAEMPFEROL (AGNP-K) AGAINST HSC4 CELL LINE

2025

GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ)

ON GOING

CO-RESEARCHER

2. ARTIFICIAL INTELLIGENCE (AI) BASED TEST SYSTEM USING FACIAL EXPRESSIONS AND VOICE MODULATION AS AN ALTERNATIVE ASSESSMENT RUBRIC FOR STUDENT PRESENTATIONS TO ENHANCE COMMUNICATION SKILLS.

2025

GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ)

ON GOING

CO-RESEARCHER

3. EVALUATION OF CYTOTOXICITY IMPACTS OF METHYLENE BLUE (MB) - MEDIATED ANTIMICROBIAL PHOTODYNAMIC THERAPY (APDT) ON HUMAN DENTAL PULP STEM CELLS AND ENTEROCOCCUS FAECALIS

2024

GERAN KPT

ON GOING

MAIN RESEARCHER

4. ANTIBACTERIAL ACTIVITY OF SILVER NANOPARTICLE INCORPORATED WITH KAEMPFEROL (AGNP-K) AGAINST SELECTED BACTERIA

2024

GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ)

ON GOING

MAIN RESEARCHER

5. APOPTOTIC CHARACTERISTIC OF SELECTED CANCER CELL LINES AFTER EXPOSURE WITH SENNA ALATA METHANOLIC LEAVES EXTRACT

2023

BIDUNI MIZANNIYAH

ON GOING

CO-RESEARCHER

RESEARCH

6. THE CYTOTOXICITY EFFECTS OF SENNA ALATA ON HUMAN CELLS

2022

BIDUNI MIZANNIYAH

COMPLETED

MAIN RESEARCHER

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

2013

GERAN PENYELIDIKAN JANGKA PENDEK

COMPLETED

CO-RESEARCHER

PUBLICATION

1. EVALUATION OF ANTIMICROBIAL PHOTOSENSITISER-INCORPORATED POLY(GLYCOLIC) ACID SCAFFOLDS FOR ENHANCED CELL ATTACHMENT AND PROLIFERATION

8TH INTERNATIONAL CONFERENCE ON MOLECULAR BIOLOGY AND BIOTECHNOLOGY 2025 (ICMBB2025)

2025 PROCEEDING NON-INDEX MAIN AUTHOR

2. ANTIBACTERIAL ACTIVITY OF SILVER NANOPARTICLES INCORPORATED WITH KAEMPFEROL (AGNP-K) AGAINST SELECTED BACTERIA

11TH DENTAL STUDENTS' COLLOQUIUM

2025 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

3. ELUCIDATION OF IN VITRO CYTOTOXIC EFFECT AND ANTIOXIDANT POTENTIAL OF SENNA ALATA LEAVES EXTRACT AGAINST MCF7 CELL LINE.

10TH USIM DENTAL STUDENTS' COLLOQUIUM

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

4. THE CYTOTOXICITY EFFECTS OF SENNA ALATA ON CANCER CELLS

9TH DENTAL STUDENTS' COLLOQUIUM

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

5. PRIMARY CELL INTERACTION WITH A NEWLY-DEVELOPED ANTIMICROBIAL DYE INCORPORATED SCAFFOLD.

THE IV INTERNATIONAL CONFERENCE ON HUMANITIES, SCIENCES, SOCIAL SCIENCES AND TECHNOLOGIES (ICHSSST)2017

2017 PROCEEDING NON-INDEX MAIN AUTHOR

6. MORPHOLOGICAL CHARACTERISATION OF THE IN VITRO DEGRADATION OF POLY-(GLYCOLIC ACID) SCAFFOLDS INCORPORATING EITHER ERYTHROSINE B OR METHYLENE BLUE.

18TH ANNUAL WHITE ROSE WORK IN PROGRESS MEETING

2016 PROCEEDING NON-INDEX MAIN AUTHOR

7. PLANTAGO MAJOR TREATMENT ENHANCED INNATE ANTIOXIDANT ACTIVITY IN EXPERIMENTAL ACETAMINOPHEN TOXICITY

ASIAN PACIFIC JOURNAL OF TROPICAL MEDICINE

2015 JOURNAL SCOPUS CO-AUTHOR

8. HEPATIC GLYCOGEN AND GLUTATHIONE DEPLETION IN ACETAMINOPHEN INDUCED TOXICITY IS ATTENUATED WITH METHANOL EXTRACT OF PLANTAGO MAJOR LEAVES

THE 2ND INTERNATIONAL ANATOMICAL SCIENCES AND CELL BIOLOGY CONFERENCE (IASBC) 2012.

2012 PROCEEDING NON-INDEX CO-AUTHOR

9. GAIT PATTERN ANALYSIS IN CRIME SCENE INVESTIGATION.

TAMIL NADU POLICE JOURNAL

2008 JOURNAL OTHER DATABASE CO-AUTHOR

10. STUDY ON THE EXTENT OF INDIVIDUALITY OF THE GAIT PATTERN OF MALAY SUBJECTS.

MALAYSIAN JOURNAL OF MEDICAL SCIENCES

2007 JOURNAL OTHER DATABASE CO-AUTHOR

11. ANTIOXIDANT ROLE OF PLANTAGO MAJOR L. EXTRACT ON DRUG-INDUCED HEPATOTOXICITY IN MALE SPRAGUE-DAWLEY RATS.

1ST UKM INTERNATIONAL CONFERENCE ON ADVANCES IN MEDICAL SCIENCES (ICAMS) 2013.

1900 PROCEEDING NON-INDEX MAIN AUTHOR

AWARDS/RECOGNITION

1. ACADEMIC ADVISOR

FACULTY OF DENTISTRY, UNIVERSITI SAINS ISLAM MALAYSIA

2024 UNIVERSITY

2. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2024 UNIVERSITY

3. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2024 UNIVERSITY

4. ACADEMIC ADVISOR

FACULTY OF DENTISTRY, USIM

2023 OTHERS

5. ACADEMIC ADVISOR

FACULTY OF DENTISTRY, USIM

2023 OTHERS

6. ACADEMIC ADVISOR

FACULTY OF DENTISTRY, USIM

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7. ACADEMIC ADVISOR

FACULTY OF DENTISTRY, USIM

2023 OTHERS

8. ACADEMIC ADVISOR

FAKULTI PERGIGIAN, USIM

2023 OTHERS