

DR. RINA HARYANI BINTI OSMAN BASAH

PENSYARAH UNIVERSITI DS13

CONTACT

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FACULTY
Fakulti Pergigian

SUPERVISION

	COMPLETED	ONGOING
PhD	0	0
Master	0	0

AREAS OF EXPERTISE

ACADEMIC QUALIFICATION

- 2021 **PhD** - Dentistry - Tissue Engineering
- 2014 **Master** - Sains Perubatan (anatomi)
- 2006 **Bachelor** - Sains Forensik

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. EVALUATION OF IN VITRO CYTOTOXICITY AND ANTIOXIDANT ACTIVITY OF SENNA ALATA LEAF EXTRACT ON THE MCF CELL LINE

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

2025 | PROCEEDING | SCOPUS | CORRESPONDING AUTHOR

4. 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

5. THE CYTOTOXICITY EFFECTS OF SENNA ALATA ON CANCER CELLS

9TH DENTAL STUDENTS' COLLOQUIUM

2023 | PROCEEDING | NON-INDEX | CORRESPONDING AUTHOR

6. 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

7. 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

PUBLICATION

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

ASIAN PACIFIC JOURNAL OF TROPICAL MEDICINE

2015 JOURNAL SCOPUS CO-AUTHOR

9. 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

10. GAIT PATTERN ANALYSIS IN CRIME SCENE INVESTIGATION.

TAMIL NADU POLICE JOURNAL

2008 JOURNAL OTHER DATABASE CO-AUTHOR

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

MALAYSIAN JOURNAL OF MEDICAL SCIENCES

2007 JOURNAL OTHER DATABASE CO-AUTHOR

12. 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

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2024 UNIVERSITY

4. ACADEMIC ADVISOR

FACULTY OF DENTISTRY, USIM

2023 OTHERS

5. ACADEMIC ADVISOR

FACULTY OF DENTISTRY, USIM

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AWARDS/RECOGNITION

6. ACADEMIC ADVISOR

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7. ACADEMIC ADVISOR

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8. ACADEMIC ADVISOR

FAKULTI PERGIGIAN, USIM

2023 OTHERS