



PROF. MADYA DR.
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ADNALIZAWATI
BINTI ADNAN

PENSYARAH UNIVERSITI DS14

CONTACT

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FACULTY

Fakulti Pergigian

SUPERVISION

PhD

1

COMPLETED

0

ONGOING

Master

2

COMPLETED

1

ONGOING

AREAS OF EXPERTISE

Clinical Laboratory Microbiology

Natural Product Research

Bacteriology

ACADEMIC QUALIFICATION

2014 PhD - Molecular Bacteriology

2003 Master - Biology

1999 B.Sc. - Biomedical Sciences

RESEARCH

1. THE SECONDARY METABOLITES OF STINGLESS BEE BEEHIVE AND ITS
ANTIMICROBIAL PROPERTY AGAINST COMMON ORAL PATHOGENS

2024

GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ)

ON GOING

MAIN RESEARCHER

2. TRANSCRIPTOME ANALYSIS OF ORAL PATHOGENS IN RESPONSE TO
TANNIN

2018

GERAN PENYELIDIKAN USIM

COMPLETED

MAIN RESEARCHER

3. EVALUATION OF ANTIBACTERIAL ACTIVITIES AGAINST ORAL
PATHOGENS FROM PHYLLANTHUS COLUMNARIS STEM BARK TANNINS
AND IDENTIFICATION OF BIOACTIVE COMPOUNDS

2015

GERAN PENYELIDIKAN JANGKA PENDEK

COMPLETED

MAIN RESEARCHER

PUBLICATION

1. THE BIOCHEMICAL COMPOSITION IN STINGLESS BEE BEEHIVE AND ITS ANTIBACTERIAL PROPERTIES AGAINST STAPHYLOCOCCUS AUREUS AND STREPTOCOCCUS MUTANS

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

2025

PROCEEDING

NON-INDEX

MAIN AUTHOR

2. GARIS PANDUAN TEKNOLOGI KECERDASAN BUATAN GENERATIF (KBG) DLM PDP USIM

2025

POLICY

3. PHYLLANTHUS COLUMNARIS PERENCAT BAKTERIA RINTANG ANTIBIOTIK

2020

BOOK

MAIN AUTHOR

4. CHEMICAL COMPOSITION AND IN VITRO ANTIMICROBIAL PROPERTIES OF PHYLLANTHUS COLUMNARIS STEM BARK TANNINS AGAINST ORAL PATHOGENS

JOURNAL OF INTERNATIONAL DENTAL AND MEDICAL RESEARCH

2019

JOURNAL

SCOPUS

MAIN AUTHOR

5. DISRUPTION OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS PROTEIN SYNTHESIS BY TANNINS

GERMS

2017

JOURNAL

SCOPUS

MAIN AUTHOR

6. CHEMICAL COMPOSITION AND IN VITRO ANTIMICROBIAL PROPERTIES OF PHYLLANTHUS COLUMNARIS STEM BARK TANNINS AGAINST ORAL PATHOGENS

POSTGRADUATE SEMINAR KOSIST 2017

2017

PROCEEDING

NON-INDEX

MAIN AUTHOR

7. DISRUPTION OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS PROTEIN SYNTHESIS BY TANNINS

INTERNATIONAL CONFERENCE ON INFECTION AND IMMUNITY 2017

2017

PROCEEDING

NON-INDEX

MAIN AUTHOR

8. TRANSCRIPTOME ANALYSIS OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS IN RESPONSE TO STIGMASTEROL AND LUPEOL

JOURNAL OF GLOBAL ANTIMICROBIAL RESISTANCE

2016

JOURNAL

WOS

MAIN AUTHOR

9. ISOLATION AND IDENTIFICATION OF ANTI-METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS COMPOUNDS FROM PHYLLANTHUS COLUMNARIS STEM BARK.

MALAYSIAN JOURNAL OF MICROBIOLOGY

2014

JOURNAL

SCOPUS

MAIN AUTHOR

10. BIOASSAY-GUIDED ANTI METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS OF PHYLLANTHUS COLUMNARIS STEM BARK AND STUDIES ON THE MODE OF ACTION

6TH SEMESTER PHD SEMINAR

2014

PROCEEDING

NON-INDEX

MAIN AUTHOR

11. ANTIMICROBIAL ACTIVITY OF PHYLLANTHUS COLUMNARIS STEM BARK EXTRACT

MALAYSIAN APPLIED BIOLOGY

2013

JOURNAL

SCOPUS

MAIN AUTHOR

PUBLICATION

12. DISORGANIZATION OF CELL DIVISION OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS BY METHANOLIC EXTRACT FROM PHYLLANTHUS COLUMNARIS STEM BARK

AMERICAN INSTITUTE OF PHYSICS CONFERENCE PROCEEDINGS

2013

PROCEEDING

NON-INDEX

MAIN AUTHOR

13. ANTIMICROBIAL PROPERTIES FROM PHYLLANTHUS COLUMNARIS STEM BARK

3RD SEMESTER PHD STUDENT SEMINAR

2012

PROCEEDING

NON-INDEX

MAIN AUTHOR

14. PHYLLANTHUS COLUMNARIS STEM BARK HAS ANTI-MRSA AND ANTI-YEAST ACTIVITIES

FEDERATION OF INFECTION SOCIETIES CONFERENCE 2011

2011

PROCEEDING

NON-INDEX

MAIN AUTHOR

15. ANTIBACTERIAL ACTIVITY OF PHYLLANTHUS COLUMNARIS

PROCEEDINGS OF THE NATIONAL POSTGRADUATE SEMINAR

2010

PROCEEDING

NON-INDEX

MAIN AUTHOR

CONSULTATION

1. METHOD DEVELOPMENT OF REAL TIME PCR FOR SALMONELLA TYPHI

MAKMAL KESIHATAN AWAM KEBANGSAAN, KEMENTERIAN KESIHATAN MALAYSIA

2016

NATIONAL

AWARDS/RECOGNITION

1. ACADEMIC ADVISOR

FACULTY OF DENTISTRY

2024

UNIVERSITY

2. ACADEMIC ADVISOR

FACULTY OF DENTISTRY

2024

UNIVERSITY

3. WRITER OF THE MONTH JANUARY 2023

2023

OTHERS

4. HUMANITY TRIAD: AMALGAMATION OF MALAYSIA MADANI IN A PATIENT-CENTRED CARE AND NAQLI-AQLI KNOWLEDGE CURRICULUM

INTERNATIONAL SCIENCE AND SOCIAL SCIENCE INNOVATION COMPETITION (i-SIC V)

2023

ANTARABANGSA

SILVER

5. ANUGERAH PERKHIDMATAN CEMERLANG 2021

2021

UNIVERSITY