



**PROF. MADYA DR. SITI  
NOOR ADNALIZAWATI BINTI  
ADNAN**

PENSYARAH UNIVERSITI DS14

**CONTACT**

**Phone:** 603-42892400

**E-mail:**  
adnaliza@usim.edu.my

**Address:** Fakulti Pergigian

**SUPERVISION**

PhD - Completed: 1, Ongoing: 0

Master - Completed: 2, Ongoing: 1

**AREAS OF EXPERTISE**

Clinical Laboratory Microbiology

Natural Product Research

Bacteriology

**BIOGRAPHY**

A lecturer from Fakulti Pergigian. Holds a Phd in Molecular Bacteriology.

**ACADEMIC QUALIFICATION**

Phd in Molecular Bacteriology (2014)

Master in Biology (2003)

B.sc. in Biomedical Sciences (1999)

**RESEARCH**

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

2024

ON GOING

MAIN RESEARCHER

**2. TRANSCRIPTOME ANALYSIS OF ORAL PATHOGENS IN RESPONSE  
TO TANNIN**

2018

COMPLETED

MAIN RESEARCHER

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

2015

COMPLETED

MAIN RESEARCHER

## PUBLICATION

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

2025 PROCEEDING

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

2025 POLICY

3. PHYLLANTHUS COLUMNARIS PERENCAT BAKTERIA RINTANG ANTIBIOTIK

2020 BOOK

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

2019 JOURNAL

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

2017 JOURNAL

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

2017 PROCEEDING

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

2017 PROCEEDING

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

2016 JOURNAL

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

2014 JOURNAL

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

2014 PROCEEDING

11. ANTIMICROBIAL ACTIVITY OF PHYLLANTHUS COLUMNARIS STEM BARK EXTRACT

2013 JOURNAL

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

2013 PROCEEDING

13. ANTIMICROBIAL PROPERTIES FROM PHYLLANTHUS COLUMNARIS STEM BARK

2012 PROCEEDING

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

2011 PROCEEDING

## 15. ANTIBACTERIAL ACTIVITY OF PHYLLANTHUS COLUMNARIS

2010

PROCEEDING

## CONSULTATION/ADULATION

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### 1. METHOD DEVELOPMENT OF REAL TIME PCR FOR SALMONELLA TYPHI

2016

NATIONAL

MAKMAL KESIHATAN AWAM KEBANGSAAN, KEMENTERIAN KESIHATAN MALAYSIA

## AWARDS/RECOGNITION

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### 1. ACADEMIC ADVISOR

2024

UNIVERSITY

### 2. ACADEMIC ADVISOR

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

2023

Antarabangsa

Silver

### 5. ANUGERAH PERKHIDMATAN CEMERLANG 2021

2021

UNIVERSITY