



DR. LIYANA BINTI AZMI

PENSYARAH UNIVERSITI DS13

CONTACT

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Address: Fakulti Perubatan
Dan Sains Kesihatan

SUPERVISION

PhD - Completed: 0, Ongoing: 1

Master - Completed: 0, Ongoing: 1

AREAS OF EXPERTISE

Other Biochemistry

Molecular And Structural Biology

Other Microbiology

BIOGRAPHY

A lecturer from Fakulti Perubatan Dan Sains Kesihatan. Holds a Phd in Infection And Immunology (with Specialisation In Microbiolog.

ACADEMIC QUALIFICATION

Phd in Infection And Immunology (with Specialisation In Microbiolog (2019)

Master in Infection And Immunology (with Specialisation In Microbiolog (2014)

Bachelor in Biomedicine (2013)

RESEARCH

1. DEVELOPING A DECISION TREE MODEL: TOWARDS A PREDICTIVE TOOL FOR ANTIMICROBIAL RESISTANCE IN LOW-RESOURCE HEALTHCARE SETTINGS

2026

ON GOING

MAIN RESEARCHER

2. ELUCIDATING THE IMPACT OF ACETYLATION IN PATHOGENIC ESCHERICHIA COLI THROUGH A MULTI-OMICS ANALYSIS TO UNDERMINE ANTIMICROBIAL RESISTANCE

2024

ON GOING

MAIN RESEARCHER

3. EMPOWERMENT OF HOUSEWIVES AS ANTIMICROBIAL RESISTANCE GUARDIANS THROUGH COMMUNITY-BASED PARTICIPATORY RESEARCH: PROTECTING THE OLD AND THE YOUNG THROUGH ONEHEALTH APPROACH

2024

ON GOING

MAIN RESEARCHER

4. DECIPHERING THE ROLE OF ACETYLATION IN ENTEROHAEMORRHAGIC E.COLI VIRULENCE THROUGH THE MODULATION OF THE PROTEIN DEACETYLASE COBB

2022

COMPLETED

MAIN RESEARCHER

5. ANTICIPATING THE NEXT COVID-19 WAVE THROUGH
STRUCTURAL AND PHYLOGENETIC ANALYSIS OF SARS-COV-2 S
PROTEIN MUTATIONS IN NEGERI SEMBILAN

2022 COMPLETED MAIN RESEARCHER

PUBLICATION

1. NAVIGATING THE NEW NORM: REVIEW OF HEALTH RISKS ASSOCIATED WITH WIDESPREAD DISINFECTANT AND HAND SANITIZER USE

2025 JOURNAL

2. ENHANCING MICROBIOTA-RELATED GUT HEALTH AWARENESS ACROSS AGE GROUPS: OUTCOMES OF INTERACTIVE EDUCATIONAL ACTIVITIES AT A SCIENCE FAIR

2024 JOURNAL

3. HIGH-RESOLUTION STRUCTURE OF THE ALCOHOL DEHYDROGENASE DOMAIN OF THE BIFUNCTIONAL BACTERIAL ENZYME ADHE

2020 JOURNAL

4. THE ROAD TO A SAFE AND EFFECTIVE PEPTIDE-BASED COVID-19 VACCINE

2020 PROCEEDING

5. THE UPSHOT OF COVID-19 ON MALAYSIAN RESEARCH

2020 PROCEEDING

6. STRUCTURAL CHARACTERISATION OF BACTERIAL ADHE, A POTENTIAL NOVEL ANTI-VIRULENCE TARGET

2017 PROCEEDING

CONSULTATION/ADULATION

1. COMPUTING

2023 UNIVERSITY USIM

AWARDS/RECOGNITION

1. BIOSPECTRO APPS: SPECTROPHOTOMETER APPLICATION FOR WATER MONITORING BASED ON DETECTION OF CHANGES IN WAVELENGTH

2026 Antarabangsa Silver

2. ANUGERAH LIBAT SAMA KOMUNITI (PROJEK)

2025 UNIVERSITY

3. RESEARCHER FPSK WITH HIGHEST INTERNATIONAL GRANT

2025 UNIVERSITY

4. VISITING RESEARCHER

2025 INTERNATIONAL

5. ACADEMIC ADVISOR

2025 UNIVERSITY