



DR. HAZIM ARIEF BIN HALIM

PENSYARAH UNIVERSITI DS13

CONTACT

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Faculty: Fakulti
Perubatan Dan Sains
Kesihatan

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0, Ongoing: 0

AREAS OF EXPERTISE

Neurobiology

Neurodegenerative Diseases

ACADEMIC QUALIFICATION

PhD in Molecular Neuroscience (2023)

Bachelor in Biomedical Science (2016)

Master in Neuroscience In Neurodegenerat (2016)

RESEARCH

1. INVESTIGATING THE ROLE OF MGLUR5 IN CURCUMIN-INDUCED PROLIFERATION IN HUMAN NEURONAL CELLS

2025

GERAN PENYELIDIKAN USIM RACER

ON GOING

MAIN RESEARCHER

2. AUGMENTING FLUID INTELLIGENCE IN UNDERPRIVILEGED CHILDREN WITH HIGH-RISK OF DEPRESSION VIA EEG NEUROFEEDBACK AND COGNITIVE GAMIFICATION

2025

GERAN ANTARABANGSA

ON GOING

CO-RESEARCHER

3. ACCURACY, RELIABILITY, AND VALIDITY OF INBODY BIOELECTRICAL IMPEDANCE ANALYZER (BIA) FOR THE ASSESSMENT OF BODY COMPOSITION AT DIFFERENT TIME POINT OF THE DAY

2024

GERAN PENYELIDIKAN INDUSTRI

ON GOING

CO-RESEARCHER

4. CONVERSION OF SACRED-PAPER-DERIVED GLUCOSE TO OXYGEN-RICH GAS VIA ANAEROBIC DIGESTION AS AN ALTERNATIVE TO INCINERATING SACRED PAPER

2024

GERAN PENYELIDIKAN TRANSDISIPLINARI

ON GOING

CO-

RESEARCHER

PUBLICATION

1. PERICELLULAR PROTEASES MODULATE CELLULAR INFECTION BY EXTRACELLULAR PRION DEPOSITS

PRION 2025 - ADVANCING THE UNDERSTANDING AND TREATMENT OF PRION DISEASES

2025

PROCEEDING

NON-INDEX

MAIN AUTHOR

2. UNRAVELLING THE P2Y12 RECEPTOR AND P2Y12 ANTAGONIST: BEYOND PLATELET AGGREGATION TO VASCULAR DYNAMICS AND IMMUNE MODULATION, A COMPREHENSIVE REVIEW

MALIKUSSALEH INTERNATIONAL CONFERENCE ON HEALTH AND DISASTER MEDICINE (MICOHEDMED) 2024

2024

PROCEEDING

NON-INDEX

MAIN AUTHOR

AWARDS/RECOGNITION

1. AUGMENTING FLUID INTELLIGENCE IN UNDERPRIVILEGED CHILDREN WITH HIGH-RISK OF DEPRESSION VIA EEG NEUROFEEDBACK AND COGNITIVE GAMIFICATION

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA SILVER

2. IN SILICO EVALUATION OF CURCUMIN AS A NEUROPROTECTIVE LIGAND TARGETING MGLUR5

9TH INTERNATIONAL MEDICAL INNOVATION COMPETITION 2025 (IMIC25)

2025 ANTARABANGSA

3. MYAFIATPAL: A CALORIE TRACKING APP INTEGRATING MALAYSIAN AND PROPHETIC FOODS FOR HEALTHY LIVING

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI SILVER

4. MYAFIATPAL: A CALORIE TRACKING APP INTEGRATING MALAYSIAN AND PROPHETIC FOODS FOR HEALTHY LIVING

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI BRONZE

5. BREAKING THE ATTENTION BARRIER: IMPLEMENTING THE "BRAIN MARATHON" TO ELEVATE STUDENT ENGAGEMENT AND LEARNING IN MALAYSIAN UNIVERSITIES

Pertandingan Inovasi FKP 2024

2024 UNIVERSITI SILVER