



PROF. MADYA DR.
SIVA GOWRI A/P
PATHMANATHAN

PENSYARAH UNIVERSITI DS14

CONTACT

PHONE

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E-MAIL

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FACULTY

Fakulti Perubatan Dan Sains
Kesihatan

SUPERVISION

PhD	0 COMPLETED	2 ONGOING
Master	3 COMPLETED	0 ONGOING

AREAS OF EXPERTISE

- Microbiome Studies
- Metagenomic, Microbiome
- Molecular Microbiology

ACADEMIC QUALIFICATION

- 2015 PhD
- 2005 Master - Mphil (mikrobiologi)
- 2000 Diploma - Pendidikan
- 1999 Bachelor - Mikrobiology

RESEARCH

1. ENHANCING MICROBIOTA-RELATED GUT HEALTH AWARENESS AND NUTRITIONAL HABITS AMONG SCHOOL CHILDREN AND ADULTS

2024

BIDUNI MIZANNIYAH

ON GOING

MAIN RESEARCHER
2. ETHNICITY-RELATED GUT MICROBIOTA INVOLVEMENT IN THE PATHOGENESIS OF TYPE 2 DIABETES MELLITUS VIA ALTERATIONS IN METABOLIC REGULATORS

2019

GERAN KPT

COMPLETED

MAIN RESEARCHER
3. CONSTITUTIVE AND REGULATED PRODUCTION OF PRO-INFLAMMATORY AND CHEMOTACTIC CYTOKINES BY HUMAN INTESTINAL EPITHELIAL CELLS

2015

GERAN PENYELIDIKAN JANGKA PENDEK

COMPLETED

MAIN RESEARCHER
4. ANALYSIS OF FACTORS IN RESPONSE TO ROTAVIRUS VACCINATION COUNSELING IN PRIVATE

2010

GERAN PENYELIDIKAN PANTAS BAWAH SETAHUN

COMPLETED

MAIN RESEARCHER
5. ANTIBIOTIC SUSCEPTIBILITY OF CLINICAL ISOLATES OF PSEUDOMONAS AERUGINOSA

2007

GERAN PENYELIDIKAN FUNDAMENTAL

COMPLETED

MAIN RESEARCHER

RESEARCH

6. ANTIBIOTIC SUSCEPTIBILITY OF CLINICAL ISOLATES OF PSEUDOMONAS AERUGINOSA

2007

GERAN PENYELIDIKAN FUNDAMENTAL

COMPLETED

MAIN RESEARCHER

PUBLICATION

1. INSIGHTS FROM GUT MICROBIOTA PROFILES IN MALAYSIAN ADULTS WITH TYPE-2 DIABETES: IMPLICATIONS FOR DIETARY INTERVENTIONS

40TH NSM SCIENTIFIC CONFERENCE

2025

PROCEEDING

NON-INDEX

MAIN AUTHOR

2. MULTIOMICS INTEGRATION OF GUT MICROBIOTA AND METABOLOMICS IN METABOLIC DYSFUNCTION-ASSOCIATED FATTY LIVER DISEASE (MAFLD) IN THE ELDERLY: A SYSTEMATIC REVIEW PROPOSAL

USIM NATIONAL HEALTH SEMINAR 2025

2025

PROCEEDING

NON-INDEX

MAIN AUTHOR

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

MALAYSIAN ONLINE JOURNAL OF EDUCATIONAL SCIENCES (MOJES)

2024

JOURNAL

OTHER DATABASE

MAIN AUTHOR

4. CHARACTERISATION OF THE DIABETIC GUT MICROBIOTA: A MALAYSIAN INSIGHT

8TH MICROBIOME RND & BUSINESS COLLABORATION CONGRESS: ASIA

2024

PROCEEDING

NON-INDEX

MAIN AUTHOR

5. UNRAVELLING HOST MICROBIOTA SHIFTS IN COVID-19: A SCOPING REVIEW

ANNUAL SCIENTIFIC CONFERENCE 2024 "PRIMARY CARE - FOR EACH AND EVERYONE"

2024

PROCEEDING

SCOPUS

MAIN AUTHOR

6. A SYSTEMATIC REVIEW OF GUT MICROBIOTA IN PRE- AND NEWLY DIAGNOSED DIABETES

MICROBIOME INTERACTIONS IN HEALTH AND DISEASE

2022

PROCEEDING

NON-INDEX

MAIN AUTHOR

7. GUT BACTERIA CHARACTERISTIC OF THE INFANT MICROBIOTA DOWN-REGULATE INFLAMMATORY TRANSCRIPTIONAL RESPONSES IN HT-29 CELLS

ANAEROBE

2019

JOURNAL

ISI

MAIN AUTHOR

8. EVIDENCES FOR POSSIBLE FAVOURABLE MODULATION OF THE HUMAN GUT MICROBIOTA COMPOSITION THROUGH GOAT-MILK CONSUMPTION

SEMINAR ILMIAH TENUSU KAMBING DI MALAYSIA

2018

PROCEEDING

NON-INDEX

MAIN AUTHOR

9. HONEY STIMULATES PRODUCTION OF IL-8 CHEMOKINE BY HT-29 INTESTINAL EPITHELIAL CELLS

MALAYSIAN JOURNAL OF NUTRITION

2017

JOURNAL

SCOPUS

MAIN AUTHOR

PUBLICATION

10. COMMENSALS PREDOMINANT IN THE INFANT GUT REGULATE SIGNALLING CASCADES IN EPITHELIAL CELLS

MICROBIOME FORUM: ASIA

2015

PROCEEDING

NON-INDEX

MAIN AUTHOR

11. ANTIMICROBIAL SUSCEPTIBILITY OF CLINICAL ISOLATES OF PSEUDOMONAS AERUGINOSA FROM A MALAYSIAN HOSPITAL.

MALAYSIAN JOURNAL OF MEDICAL SCIENCES

2009

JOURNAL

SCOPUS

MAIN AUTHOR

12. PSEUDOMONAS AERUGINOSA: ANTIMICROBIAL SUSCEPTIBILITY TESTING AND AGREEMENT BETWEEN DISK DIFFUSION AND E-TEST METHODS

INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES

2008

JOURNAL

WOS

MAIN AUTHOR

13. SIMPLE AND RAPID DETECTION OF SALMONELLA STRAINS BY DIRECT PCR AMPLIFICATION OF THE HILA GENE.

JOURNAL OF MEDICAL MICROBIOLOGY

2003

JOURNAL

WOS

MAIN AUTHOR

AWARDS/RECOGNITION

1. ACADEMIC ADVISOR

PANEL PENILAI LAPORAN AKHIR PENYELIDIKAN, UNIVERSITI SAINS ISLAM MALAYSIA (USIM)

2025

UNIVERSITY

2. ACADEMIC ADVISOR

PANEL PENILAI LAPORAN KEMAJUAN PENYELIDIKAN, UNIVERSITI SAINS ISLAM MALAYSIA (USIM)

2025

UNIVERSITY

3. ACADEMIC ADVISOR

PANEL PENILAI LAPORAN KEMAJUAN PENYELIDIKAN, UNIVERSITI SAINS ISLAM MALAYSIA (USIM)

2025

UNIVERSITY

4. FROM LAND TO SEA: IMPROVING HEALTH OUTCOMES FOR AGROCOASTAL POPULATIONS THROUGH MULTIDISCIPLINARY COLLABORATION (OUTSTANDING PRESENTER)

THE 5TH INTERNATIONAL CONFERENCE ON MEDICINE AND HEALTH SCIENCES (ICMHS)

2025

ANTARABANGSA

CERTIFICATE OF APPRECIATION

5. THE IMPACT OF GAMING ON THE AGEING POPULATION: A SCOPING REVIEW (BEST POSTER AWARD)

10th USIM National Health Seminar (NHS) 2025

2025

KEBANGSAAN

BEST PAPER AWARD