Profile Image

PROF. MADYA DR. SIVA GOWRI A/P PATHMANATHAN

PENSYARAH UNIVERSITI DS14

CONTACT

PHONE

-

E-MAIL

gowri@usim.edu.my

FACULTY

Fakulti Perubatan Dan Sains Kesihatan

SUPERVISION

	COMPLETED	ONGOING
PhD	0	2
Master	3	0

AREAS OF EXPERTISE

Microbiome Studies | Metagenomic, Microbiome | Molecular Microbiology

ACADEMIC QUALIFICATION

2015 **PhD**

2005 **Master** - Mphill (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. **ANALSIS 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