

PROF. MADYA DR. SITI SALHAH BINTI OTHMAN

PENSYARAH UNIVERSITI DS14

CONTACT

PHONE

88427

E-MAIL

salhah@usim.edu.my

FACULTY

Fakulti Sains Dan Teknologi

SUPERVISION

	COMPLETED	ONGOING
PhD	0	0
Master	7	1

AREAS OF EXPERTISE

Enzyme Technology

Enzyme Technology

ACADEMIC QUALIFICATION

2004 **PhD** - Teknologi Enzim

2000 **Bachelor** - Kimia

RESEARCH

1. **ISOLATION,PURIFICATION AND CHARACTERIZATION OF USED PALM OIL-DEGRADING BACTERIA FROM POLLUTED SOIL AND WATER ARAOUND NILAI,NEGERI SEMBILAN**

2016 GERAN PENYELIDIKAN TRANSLASIONAL COMPLETED MAIN RESEARCHER

2. **BIOCOMPATIBLE CALCINED LAYERED DOUBLE HYDROXIDES AS SUPPORT FOR EFFICIENT IMMOBILIZATION OF BIOCATALYSTS**

2012 GERAN KPT COMPLETED MAIN RESEARCHER

3. **NEW ACTIVATED BIOCATALYST IN THIN FILM OF CELLULOSE DERIVATIVE**

2012 GERAN PENYELIDIKAN USIM COMPLETED MAIN RESEARCHER

4. **NEW FELDSPAR-IMMOBILIZED BIOCATALYSTS FOR ORGANIC SYNTHESIS**

2008 GERAN KPT COMPLETED MAIN RESEARCHER

5. **SYNTHESIS OF USEFUL ORGANIC COUMPAUNDS USING COMMERCIAL HYDROLYTIC ENZYMES**

2006 GERAN PENYELIDIKAN PANTAS BAWAH SETAHUN COMPLETED MAIN RESEARCHER

PUBLICATION

1. **GARIS PANDUAN PEMBANGUNAN DAN PENAWARAN PROGRAM PEMBELAJARAN TERBUKA DAN JARAK JAUH/ OPEN AND DISTANCE LEARNING (ODL) UNIVERSITI SAINS ISLAM MALAYSIA**

2023 POLICY

2. **PANDUAN RINGKAS E-PEMBELAJARAN DAN PENGAJARAN (UNTUK TENAGA PENGAJAR) - EDISI PERTAMA**

2020 POLICY

3. **PANDUAN RINGKAS E-PEMBELAJARAN DAN PENGAJARAN (UNTUK TENAGA PENGAJAR) - EDISI KEDUA**

2020 POLICY

4. **PANDUAN RINGKAS E-PEMBELAJARAN DAN PENGAJARAN (UNTUK PELAJAR) - EDISI PERTAMA**

2020 POLICY

5. **PANDUAN RINGKAS E-PEMBELAJARAN DAN PENGAJARAN (UNTUK PELAJAR) - EDISI KEDUA**

2020 POLICY

6. **KOD ETIKA PENGAJARAN DAN PEMBELAJARAN SECARA DALAM TALIAN**

2020 POLICY

7. **PANDUAN PENYEDIAAN FAIL PENGAJARAN SECARA DALAM TALIAN**

2020 POLICY

8. **PROSEDUR STANDARD OPERASI PENTAKSIRAN KERTAS SOALAN PEPERIKSAAN SECARA BERSEMUKA (USIM.PP.15)**

2020 POLICY

9. **PROSEDUR STANDARD OPERASI PENTAKSIRAN KERTAS SOALAN PEPERIKSAAN SECARA DALAM TALIAN (USIM.PP.16)**

2020 POLICY

10. **INTEGRATION OF THE NAQLI AND AQLI KNOWLEDGE IN THE CURRICULUM DESIGN OF UNIVERSITI SAINS ISLAM MALAYSIA**

4TH INSPIRATIONAL SCHOLAR SYMPOSIUM

2019 PROCEEDING NON-INDEX MAIN AUTHOR

11. **IMMOBILIZATION OF ENZYME USING NATURAL FELDSPAR FOR USE IN THE SYNTHESIS OF OLEYL OLEATE**

AIP CONFERENCE PROCEEDINGS

2018 JOURNAL SCOPUS MAIN AUTHOR

12. **PREPARATION AND CHARACTERIZATION OF ORGANO-KAOLINITE USING BENZYLTRIETHYLAMMONIUM CHLORIDE AS A SURFACTANT**

2ND INTERNATIONAL CONFERENCE ON APPLIED SCIENCES & INDUSTRIAL TECHNOLOGY (ICASIT 2018)

2018 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

13. LIPID-LOWERING EFFECTS OF ZERUMBONE FROM ZINGIBER ZERUMBET: A REVIEW

INTERNATIONAL CONFERENCE ON NATURAL SCIENCE AND HERITAGE FROM ISLAMIC PERSPECTIVE 2018 (INSPIRE 2018)

2018 PROCEEDING NON-INDEX MAIN AUTHOR

14. A REVIEW ON THE USE OF ORGANO-MODIFIED BENTONITE AS POTENTIAL SUPPORT FOR THE IMMOBILIZATION OF CANDIDA RUGOSA LIPASE IN THE SYNTHESIS OF ESTERS

KOLOKIUM SISWAZAH SAINS DAN TEKNOLOGI 2017

2017 PROCEEDING NON-INDEX MAIN AUTHOR

15. KINETIC MODELING OF CANDIDA RUGOSA LIPASE IMMOBILIZED ONTO KENAF CORE FIBRE IN THE SYNTHESIS OF BUTYL OLEATE

INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY

2017 PROCEEDING NON-INDEX MAIN AUTHOR

16. ENTRAPMENT OF CANDIDA RUGOSA LIPASE IN CARBOXYMETHYL CELLULOSE AND POLYVINYL ALCOHOL THIN FILM AS POTENTIAL BIOCATALYSTS IN ESTERIFICATION REACTION

THE REGIONAL FUNDAMENTAL SCIENCE CONGRESS 2014

2014 PROCEEDING NON-INDEX MAIN AUTHOR

17. ENTRAPMENT OF CANDIDA RUGOSA LIPASE INTO CARBOXYMETHYLCELLULOSE THIN FILM FOR USE IN THE SYNTHESIS OF BUTYL OLEATE

SEOUL INTERNATIONAL CONFERENCE ON BIOLOGICAL ENGINEERING & NATURAL SCIENCE

2014 PROCEEDING NON-INDEX MAIN AUTHOR

18. NANOCLAY AS POTENTIAL SUPPORT FOR IMMOBILIZATION OF LIPASE FROM CANDIDA RUGOSA: PHYSICOCHEMICAL PROPERTIES

UNIVERSITI MALAYSIA TERENGGANU 11TH INTERNATIONAL ANNUAL SYMPOSIUM ON SUSTAINABILITY SCIENCE AND MANAGEMENT 2012 (UMTAS 2012)

2012 PROCEEDING NON-INDEX MAIN AUTHOR

19. PHYSICOCHEMICAL CHARACTERIZATION AND IMMOBILIZATION OF CANDIDA RUGOSA LIPASE ONTO NANOFIBERS FROM KENAF CORE

MALAYSIAN INTERNATIONAL CONFERENCE ON TRENDS IN BIOPROCESS ENGINEERING (MICOTRIBE)

2012 PROCEEDING NON-INDEX MAIN AUTHOR

20. KINETIC MODELLING OF IMMOBILIZED CANDIDA RUGOSA LIPASE CATALYZED ESTERIFICATION OF BUTYL OLEATE

INTERNATIONAL CONFERENCE ON HALAL SCIENCE & TECHNOLOGY (HALALSTECH)

2012 PROCEEDING NON-INDEX MAIN AUTHOR

21. IMMOBILIZATION OF ENZYME USING NATURAL FELDSPAR FOR USE IN THE SYNTHESIS OF USEFUL ORGANIC COMPOUNDS

INTERNATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY IN EDUCATION 2010 (ICSTIE'10)

2010 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

22. BIOINFORMATIK: ALAT DAKWAH YANG BERKESAN

ISLAM HADHARI DALAM KEHIDUPAN

2006 CHAPTER IN BOOK MAIN AUTHOR

AWARDS/RECOGNITION

1. GOLD MEDAL, PERTANDINGAN AMALAN INOVASI PENGURUSAN, KARNIVAL INOVASI @UMT 2025

2025 NATIONAL

2. ANUGERAH PENGAJARAN

2025 OTHERS

3. ANUGERAH LIBATSAMA KOMUNITI

2025 OTHERS

4. INTEGRATED OUTCOME-BASED EDUCATION (IOBE)

Pertandingan Amalan Inovasi Pengurusan, Karnival Inovasi@UMT 2025

2025 KEBANGSAAN GOLD

5. ACADEMIC ADVISOR

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

2019 NATIONAL