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PENSYARAH UNIVERSITI DS14

CONTACT

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FACULTY

Fakulti Perubatan Dan Sains Kesihatan

SUPERVISION

PhD	0 COMPLETED	5 ONGOING
Master	4 COMPLETED	2 ONGOING

AREAS OF EXPERTISE

Stem Cell Technology | Cell Culture Technology | Molecular Medicine | Regenerative Medicine | Stem Cells

ACADEMIC QUALIFICATION

2012 **PhD** - Sains Perubatan

2006 **Bachelor** - Sains Bioperubatan

RESEARCH

1. **COMPUTATIONAL AND CELL-BASED EVALUATION OF FLAVONOID COMBINATIONS FOR REDUCING SKIN INFLAMMATION**
   2026 | GERAN PENYELIDIKAN FUNDAMENTAL | ON GOING | CO-RESEARCHER

2. **ELUCIDATING THE ASSOCIATION OF BMPR2 EXPRESSION IN CUMULUS CELLS WITH LIPID PROFILE AND ITS INFLUENCE ON OOCYTE AND EMBRYO QUALITY IN OVERWEIGHT AND OBESE IVF PATIENTS**
   2025 | GERAN PENYELIDIKAN USIM RACER | ON GOING | CO-RESEARCHER

3. **INVESTIGATING THE ROLE OF MGLUR5 IN CURCUMIN-INDUCED PROLIFERATION IN HUMAN NEURONAL CELLS**
   2025 | GERAN PENYELIDIKAN USIM RACER | ON GOING | CO-RESEARCHER

4. **ASSESSING THE PREVALENCE AND CLINICAL IMPACT OF HOMOLOGOUS RECOMBINATION DEFICIENCY IN MALAYSIAN TRIPLE-NEGATIVE BREAST CANCER PATIENTS: A RETROSPECTIVE CROSS-SECTIONAL STUDY**
   2025 | GERAN SEPADAN INDUSTRI | ON GOING | CO-RESEARCHER

5. **MODELLING OF PHYSIOLOGICAL VARIATION AND DEVELOPMENT OF A VALIDATED TOOL FOR DISRUPTIVE CIRCADIAN REGULATION AMONG HEALTHCARE SHIFT WORKERS**
   2024 | GERAN PENYELIDIKAN INDUSTRI | ON GOING | CO-RESEARCHER

RESEARCH

6. TRANSCRIPTOMIC ANALYSIS OF CARDIAC REGENERATION PROPERTIES OF ENDOTHELIAL CELLS SUPPLEMENTED WITH PHOENIX DACTYLIFERA L. FRACTION IN CARDIOMYOCYTE INJURY MODEL

2024 | GERAN KPT | ON GOING | CO-RESEARCHER

7. ELUCIDATING THE EFFECT OF BMPR2 VARIANTS ON THE OOCYTE QUALITY, EMBRYO QUALITY AND PROLIFERATION RATE VIA INSULIN SIGNALLING PATHWAY OF CUMULUS-OOCYTES COMPLEX.

2023 | GERAN KPT | ON GOING | CO-RESEARCHER

8. DOCTOR PLANET APPRENTICE PROGRAM - THE FUTURE GUARDIANS OF PLANETARY HEALTH

2022 | GERAN PENYELIDIKAN INDUSTRI | ON GOING | CO-RESEARCHER

9. MATERNAL CELL-FREE FOETAL NUCLEIC ACID VERSUS SLFT PLGF RATIO IN PREDICTING TIME TO DELIVERY AND PERINATAL OUTCOME AMONG MALAYSIAN WOMEN WITH PREECLAMPSIA

2021 | GERAN PENYELIDIKAN USIM | ON GOING | CO-RESEARCHER

10. ELUCIDATING THE MECHANISM OF THROMBOSIS VIA COAGULATION MODULATION OF ENDOTHELIAL CELLS AND PLATELET FUNCTION ASSOCIATED WITH HUMAN CORONAVIRUS-INDUCED COAGULOPATHY

2021 | GERAN KPT | ON GOING | CO-RESEARCHER

11. CARDIAC REGENERATION BY THE COMBINATION OF PHOENIX DACTYLIFERA L. FRACTIONS AND ENDOGENOUS STEM CELL THERAPY

2020 | GERAN KPT | ON GOING | MAIN RESEARCHER

12. NUTRIMIROMICS STUDY OF TRIGONA HONEY: ELUCIDATION OF HONEY-INDUCED MICRORNA?S ANTI-CANCER EFFECT ON BREAST CANCER CELLS

2019 | GERAN PENYELIDIKAN USIM | COMPLETED | MAIN RESEARCHER

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

2019 | GERAN KPT | COMPLETED | CO-RESEARCHER

14. IDENTIFICATION OF CELL-FREE FETAL NUCLEIC ACID IN MATERNAL SERUM AS A MARKER OF PRE-ECLAMPSIA IN MALAYSIAN WOMEN.

2019 | GERAN KPT | COMPLETED | CO-RESEARCHER

15. EVALUATION OF SYNERGISTIC EFFECTS OF POTENT SQUAMOCIN WITH PLATINUM-BASED DRUG IN TREATING HUMAN OVARIAN CANCER THROUGH INDUCTION OF PROGRAMMED CELL DEATH.

2019 | GERAN KPT | COMPLETED | CO-RESEARCHER

16. AN INVESTIGATION OF GUT MICROBIAL COMPOSITION IN HEPATITIS B PATIENTS IN MALAYSIA: A FIRST STEP INTO THE DEVELOPMENT OF A NEW THERAPEUTIC TARGET IN LIVER DISEASES

2018 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

17. PARENTAL KNOWLEDGE, ATTITUDE AND PRACTICE (KAP) ON HEALTHY NUTRITION AND THE NUTRITIONAL STATUS OF CHILDREN WITH LANGUAGE DELAY IN SELECTED TERTIARY HOSPITAL

2017 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

RESEARCH

18. THE REGULATION OF HEPATIC GENE EXPRESSION AND SIGNALLING PATHWAYS AFTER PARTIAL HEPATECTOMY IN GERM-FREE MICE.

2017 | GERAN KPT | COMPLETED | CO-RESEARCHER

19. ANTICANCER EFFECT OF MALAYSIAN TRIGONA HONEY ON BREAST CANCER CELLS

2016 | GERAN PENYELIDIKAN TRANSLASIONAL | COMPLETED | CO-RESEARCHER

20. INVESTIGATION OF MALAYSIAN GELAM HONEY ON INFLAMMATION ASSOCIATED WITH DSRNA INFECTION IN AIRWAY EPITHELIAL CELLS

2015 | GERAN PENYELIDIKAN JANGKA PENDEK | COMPLETED | CO-RESEARCHER

21. BIO-MODULATING EFFECTS OF PROPHETIC FOOD ON STEM CELL: IN-VITRO MOLECULAR ANALYSIS.

2014 | GERAN KPT | COMPLETED | MAIN RESEARCHER

22. EXPRESSION OF ENDOTHELIAL CELL-ASSOCIATED MARKERS IN OBSTETRIC ANTIPHOSPHOLIPID SYNDROME

2013 | GERAN KPT | COMPLETED | MAIN RESEARCHER

23. INVESTIGATIONS INTO THE ANTHELMINTIC EFFECTS OF PHOENIX DACTYLIFERAAND GOAT MILK PREPARED FOLLOWING THE PRACTICE OF THA PROPHET TOWARDS PRESERVATION OF HEALTH

2013 | GERAN KPT | COMPLETED | CO-RESEARCHER

24. PLACENTA STEM CELLS INHIBIT OR PROMOTE ANGIOGENESIS FOR TUMOR GROWTH?

2012 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

PUBLICATION

1. ETHNICITY-MATCHED CASE?CONTROL STUDY REVEALS SIGNIFICANT GUT MICROBIOTA DIFFERENCES IN MALAYSIAN ADULTS WITH TYPE 2 DIABETES

JOURNAL OF MEDICAL MICROBIOLOGY

2025 | JOURNAL | ERA | CO-AUTHOR

2. A SYSTEMATIC REVIEW AND INTEGRATED BIOINFORMATIC ANALYSIS ON THE GENE EXPRESSION OF CUMULUS-OOCYTE COMPLEX FOLLOWING IN VITRO MATURATION

MALAYSIAN JOURNAL OF MEDICAL SCIENCES

2025 | JOURNAL | INDEXED BY SCOPUS | MAIN AUTHOR

3. USIM 10TH NATIONAL HEALTH SEMINAR 2025 EMPOWERING HEALTHY AGEING

USIM 10TH NATIONAL HEALTH SEMINAR 2025

2025 | PROCEEDING | NON-INDEX | CORRESPONDING AUTHOR

4. USIM 10TH NATIONAL HEALTH SEMINAR 2025 EMPOWERING HEALTHY AGEING

USIM 10TH NATIONAL HEALTH SEMINAR 2025

2025 | PROCEEDING | NON-INDEX | CORRESPONDING AUTHOR

PUBLICATION

5. THE AGING MOTHER AND GESTATIONAL AGE: DETERMINANT AFFECTING FOETAL FRACTION IN A DISTRICT HOSPITAL

USIM NATIONAL HEALTH SYMPOSIUM, 2025

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

6. DIFFERENTIAL GENE EXPRESSION IN CUMULUS CELLS BETWEEN REPRODUCTIVE AGE AND ADVANCED MATERNAL AGE WOMEN: A SYSTEMATIC REVIEW AND BIOINFORMATIC PATHWAY ANALYSIS

USIM 10TH NATIONAL HEALTH SEMINAR 2025

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

7. EXCELLENCE POSTGRADUATES (EXPOST) FRAMEWORK: AN INNOVATIVE MODEL FOR ENHANCING RESEARCH-BASED POSTGRADUATE LEARNING EXPERIENCE

VICE?25 VIRTUAL INTERNATIONAL INNOVATION COMPETITION EXHIBITION - INNOVATIVE GENERATION: FROM IDEA TO REALITY

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

8. 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

9. SIDE EFFECTS OF SYNTHETIC PROTEASE INHIBITORS USED IN GYNECOLOGY CANCERS

PATHOPHYSIOLOGICAL ASPECTS OF PROTEASES IN CANCER

2025 | CHAPTER IN BOOK | CO-AUTHOR

10. EXPLORING THE RELATIONSHIP OF PLACENTAL GROWTH FACTOR (PLGF) AND SOLUBLE FMS-LIKE TYROSINE KINASE (SFLT-1) WITH BIRTH WEIGHT AMONG PATIENTS WITH CLINICAL DIAGNOSIS OF PREECLAMPSIA.

ASIA PACIFIC JOURNAL OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY

2024 | JOURNAL | ERA | CO-AUTHOR

11. MODULATION OF HUMAN BONE MARROW MESENCHYMAL STEM CELLS (BMMSC) BY NIGELLA SATIVA AND TRIGONA HONEY: AN IN VITRO STUDY

SAINS MALAYSIANA

2024 | JOURNAL | ISI AND SCOPUS | CORRESPONDING AUTHOR

12. THE NEUROPROTECTIVE POTENTIAL OF NATURAL BIOACTIVE COMPOUNDS: A COMPREHENSIVE REVIEW OF THEIR EFFECTS ON BRAIN HEALTH AND NEUROPSYCHIATRIC DISORDERS

7TH INTERNATIONAL CONFERENCE ON MOLECULAR BIOLOGY AND BIOTECHNOLOGY 2024 (ICMBB2024) & 6TH INTERNATIONAL HEALTH CONFERENCE (IHEC2024)

2024 | PROCEEDING | SCOPUS | CORRESPONDING AUTHOR

13. P2Y12 RECEPTOR PROMOTES VASCULAR REMODELLING AND VASOCONSTRICTION, EVIDENCE OF ANTIPLATELETS AS POTENTIAL PHARMACOTHERAPY IN P2Y12 MEDIATED PATHOGENESIS.

1ST INTERNATIONAL CONFERENCE OF PHAS GLOBAL HEALTH: MULTI APPROACH FOR PRIMARY HEALTHCARE SYSTEM

2024 | PROCEEDING | NON-INDEX | MAIN AUTHOR

PUBLICATION

14. 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

15. LIVER REGENERATION: IMMUNE-RELATED SIGNALLING PATHWAYS AND GENES ARE RESTORED IN GERM-FREE MICE THAT ARE RECOLONISED WITH NORMAL GUT MICROBIOTA.

8TH MICROBIOME R&D & BUSINESS COLLABORATION CONGRESS: ASIA

2024 PROCEEDING NON-INDEX MAIN AUTHOR

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

8TH MICROBIOME RND & BUSINESS COLLABORATION CONGRESS: ASIA

2024 PROCEEDING NON-INDEX MAIN AUTHOR

17. EXPLORING THE RELATIONSHIP OF PLACENTAL GROWTH FACTOR (PLGF) AND SOLUBLE FMS-LIKE TYROSINE KINASE (SFLT-1) WITH BIRTH WEIGHT AMONG PATIENTS WITH CLINICAL DIAGNOSIS OF PREECLAMPSIA

7TH INTERNATIONAL CONFERENCE FOR MOLECULAR BIOLOGY AND BIOTECHNOLOGY (ICMBB2024) IN CONJUNCTION WITH THE 6TH USIM INTERNATIONAL HEALTH CONFERENCE (IHEC2024)

2024 PROCEEDING SCOPUS CO-AUTHOR

18. PATIENCE, HUMILITY, DEVOTION (PHD): THE ODYSSEY FOR KNOWLEDGE

2024 BOOK

19. IMPACT OF GUT RECOLONIZATION ON LIVER REGENERATION: HEPATIC MATRISOME GENE EXPRESSION AFTER PARTIAL HEPATECTOMY IN MICE

INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES

2023 JOURNAL ERA CO-AUTHOR

20. PLACENTA MICRORNA PROFILE OF PATIENT WITH OBSTETRIC ANTIPHOSPHOLIPID SYNDROME

THE MALAYSIAN JOURNAL OF PATHOLOGY

2023 JOURNAL SCOPUS CORRESPONDING AUTHOR

21. GENE THERAPY STRATEGIES FOR HIV INFECTION: A NARRATIVE REVIEW

USIM 9TH NATIONAL HEALTH SEMINAR 2023

2023 PROCEEDING WOS CORRESPONDING AUTHOR

22. BMPR2 VARIANTS IN PRIMARY OVARIAN INSUFFICIENCY WOMEN: A SCOPING REVIEW

USIM 9TH NATIONAL HEALTH SEMINAR 2023

2023 PROCEEDING NON-INDEX CO-AUTHOR

23. THE ROLE OF GUT MICROBIOTA IN LIVER REGENERATION: IMMUNE ASSOCIATED HEPATIC GENES AND SIGNALLING PATHWAYS AFTER PARTIAL HEPATECTOMY IN MICE

2ND INTERNATIONAL ANATOMY & PHYSIOLOGY SYMPOSIUM 2023

2023 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

24. BMPR2 VARIANTS IN PRIMARY OVARIAN INSUFFICIENCY WOMEN: A SCOPING REVIEW

9TH USIM NATIONAL HEALTH SEMINAR 2023

2023 PROCEEDING SCOPUS CORRESPONDING AUTHOR

25. ?AJWA? DATE PALM FRUIT PROMOTES BONE MARROW DERIVED MESENCHYMAL STEM CELLS GROWTH IN VITRO

USIM 9TH NATIONAL HEALTH SEMINAR 2023

2023 PROCEEDING SCOPUS CO-AUTHOR

26. DISTINCT MICRORNA EXPRESSION PATTERN IN BREAST CANCER CELLS FOLLOWING ANTI-NEOPLASTIC TREATMENT: A SYSTEMATIC REVIEW AND FUNCTIONAL ANALYSIS OF MICRORNA TARGET GENES

THE MALAYSIAN JOURNAL OF PATHOLOGY

2022 JOURNAL SCOPUS CORRESPONDING AUTHOR

27. GUT MICROBIOTA COMPOSITION IN PREDIABETES AND NEWLY DIAGNOSED TYPE 2 DIABETES: A SYSTEMATIC REVIEW OF OBSERVATIONAL STUDIES

FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY

2022 JOURNAL ERA CO-AUTHOR

28. A REVIEW ON THE ASSOCIATION OF BRUCEA JAVANICA MEDICINAL PROPERTIES TO COVID-19 PATHOGENESIS: PROSPECT FOR THE TREATMENT OF SARS-COV-2 INFECTION

5TH USIM INTERNATIONAL HEALTH CONFERENCE 2022

2022 PROCEEDING SCOPUS CORRESPONDING AUTHOR

29. THE ROLE AND EFFICACY OF NUTRITION IN THE ENHANCEMENT OF STEM CELLS REGENERATIVE CAPACITY: A PROTOCOL FOR SCOPING REVIEW STUDY

5TH USIM INTERNATIONAL HEALTH CONFERENCE 2022

2022 PROCEEDING SCOPUS CORRESPONDING AUTHOR

30. COMBINATION OF SERIAL URINE PROTEIN CREATININE RATIO (UPCR) AND UTERINE ARTERY DOPPLER IN PREDICTION OF PREECLAMPSIA

THE 27TH THE ASIA & OCEANIA FEDERATION OF OBSTETRIC AND GYNAECOLOGY HYBRID CONGRESS

2022 PROCEEDING NON-INDEX MAIN AUTHOR

31. COMBINATION OF SERIAL URINE PROTEIN CREATININE RATIO (UPCR) AND UTERINE ARTERY DOPPLER IN PREDICTION OF PREECLAMPSIA.

THE 27TH ASIA & OCEANIC FEDERATION OF OBSTETRIC GYNAECOLOGY CONGRESS

2022 PROCEEDING NON-INDEX MAIN AUTHOR

32. DIFFERENTIAL EXPRESSION OF MICRORNA AND ITS TARGET GENES IN TRIGONA HONEY TREATED BREAST CANCER CELL LINE

5TH USIM INTERNATIONAL HEALTH CONFERENCE 2022,

2022 PROCEEDING NON-INDEX CO-AUTHOR

PUBLICATION

33. IMMUNE RELATED SIGNALLING PATHWAYS ARE AFFECTED BY THE GUT MICROBIOTA IN THE EARLY PHASE OF LIVER REGENERATION AFTER PARTIAL HEPATECTOMY IN MICE

THE 21ST INTERNATIONAL SYMPOSIUM ON CELLS OF THE HEPATIC SINUSOID

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

34. DELAYED IMMUNE RESPONSE IS ASSOCIATED WITH INCREASED VEGFR2 EXPRESSION FOLLOWING PARTIAL HEPATECTOMY IN GERM-FREE MICE

THE 21ST INTERNATIONAL SYMPOSIUM ON CELLS OF THE HEPATIC SINUSOID

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

35. IMMUNE ASSOCIATED HEPATIC GENES ARE DOWNREGULATED IN LIVER REGENERATION AFTER PARTIAL HEPATECTOMY IN GERM-FREE MICE

MICROBIOME INTERACTIONS IN HEALTH AND DISEASE

2022 PROCEEDING NON-INDEX MAIN AUTHOR

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

MICROBIOME INTERACTIONS IN HEALTH AND DISEASE

2022 PROCEEDING NON-INDEX MAIN AUTHOR

37. GUT MICROBIOTA PROFILE OF MAJOR ETHNIC GROUPS IN KLANG VALLEY, MALAYSIA

MICROBIOME INTERACTIONS IN HEALTH AND DISEASE

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

38. THE DOCKED COMPLEXES OF FLAVONOIDS WITH PAF RECEPTOR IN THE MOLECULAR DOCKING STUDY

5TH INTERNATIONAL CONFERENCE ON MOLECULAR BIOLOGY AND BIOTECHNOLOGY 2022 (ICMBB2022)

2022 PROCEEDING SCOPUS MAIN AUTHOR

39. EARLY EXPRESSION OF VEGFR2 DURING LIVER REGENERATION OF STERILE MICE

5TH USIM INTERNATIONAL HEALTH CONFERENCE 2022

2022 PROCEEDING SCOPUS CORRESPONDING AUTHOR

40. THE RELATIVE INDIRECT ANTHELMINTIC EFFECT OF DATE PALM FRUIT ON MUCINS GENE EXPRESSION IN VITRO 04 USING IL-22 TREATED LS174T CELLS MODEL OF HELMINTH 78 INFECTION

5TH USIM INTERNATIONAL HEALTH CONFERENCE 2022, LESSONS FROM PANDEMIC: RESHAPING MEDICINE AND HEALTHCARE

2022 PROCEEDING SCOPUS MAIN AUTHOR

41. THE IMPACT OF COVID-19 PANDEMIC ON CHILDREN?S NUTRITION AND THEIR SOLUTIONS: A REVIEW

INTERNATIONAL JOURNAL FOR STUDIES ON CHILDREN, WOMEN, THE ELDERLY AND PERSONS WITH DISABILITIES

2021 JOURNAL OTHER DATABASE CO-AUTHOR

42. PREECLAMPSIA PREVALENCE AND FETAL OUTCOME OVER 5 YEARS REVIEW: SINGLE CENTRE EXPERIENCE

INTERNATIONAL JOURNAL OF GYNECOLOGY & OBSTETRICS

2021 JOURNAL SCOPUS CO-AUTHOR

43. IDENTIFICATION OF PHYTOCHEMICALS OF PHOENIX DACTYLIFERA L. CV AJWA WITH UHPLC-ESI-QTOF-MS/MS

INTERNATIONAL JOURNAL OF FRUIT SCIENCE

2021 JOURNAL SCOPUS CO-AUTHOR

PUBLICATION

44. MEMAHAMI SEL STEM MANUSIA DAN KEPENTINGANNYA

2021 BOOK MAIN AUTHOR

45. THE RELATIVE INDIRECT ANTHELMINTIC EFFECT OF CAPRINE MILK ON MUCINS GENE EXPRESSION IN VITRO USING IL-22 TREATED LS174T CELLS MODEL OF HELMINTH INFECTION

INTERNATIONAL JOURNAL OF RESEARCH IN PHARMACEUTICAL SCIENCES

2020 JOURNAL SCOPUS CO-AUTHOR

46. THE RELATIONSHIP BETWEEN CHILD EATING BEHAVIOUR WITH BODY MASS INDEX AMONG TODDLERS AGED TWO TO FOUR YEARS OLD

INTERNATIONAL JOURNAL OF RESEARCH IN PHARMACEUTICAL SCIENCES

2020 JOURNAL SCOPUS CO-AUTHOR

47. INDIRECT ANTHELMINTIC ACTIVITY OF AJWA DATE PALM FRUIT NOT DETECTED THROUGH MUCIN-4 EXPRESSION USING HUMAN LS 174T INTESTINAL CELLS

BULLETIN OF HEALTH SCIENCES

2020 JOURNAL OTHER DATABASE CO-AUTHOR

48. DATE PALM FRUIT PROMOTES PROLIFERATION OF HUMAN BONE MARROW MESENCHYMAL STEM CELLS: POTENTIAL NATURAL BOOSTER FOR ENDOGENOUS STEM CELLS GROWTH

FRUITS

2020 JOURNAL ISI MAIN AUTHOR

49. PARASITIC WORM INFECTION AMONGST THE ORANG ASLI (ABORIGINAL)SCHOOL CHILDREN NEAR CYBERJAYA, MALAYSIA

INTERNATIONAL MEDICAL JOURNAL

2020 JOURNAL SCOPUS CO-AUTHOR

50. MECHANISM OF AUTISM SPECTRUM DISORDER AND THE INVOLVEMENT OF MICRORNA

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2020 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

51. MECHANISM OF AUTISM SPECTRUM DISORDER AND THE INVOLVEMENT OF MICRORNA

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2020 JOURNAL OTHERS DATABASE CO-AUTHOR

52. A REVIEW OF CANDIDATE GENES AND PATHWAYS IN PREECLAMPSIA?AN INTEGRATED BIOINFORMATICAL ANALYSIS

ACS CHEMICAL BIOLOGY

2020 JOURNAL ERA CO-AUTHOR

53. ANTHELMINTHIC EFFECT OF CAPRINE MILK: A SYSTEMATIC REVIEW

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2020 JOURNAL OTHERS DATABASE CO-AUTHOR

PUBLICATION

54. A SYSTEMATIC REVIEW ON MICRORNA PROFILE OF VARIOUS SAMPLES FROM PATIENTS WITH AUTISM SPECTRUM DISORDER (PAGE 9)

4TH USIM INTERNATIONAL HEALTH E-CONFERENCE 2020 (IHEC 2020) IN CONJUNCTION WITH THE 3RD INTERNATIONAL CONFERENCE ON MEDICINE AND HEALTH SCIENCES (ICMHS)

2020 PROCEEDING NON-INDEX MAIN AUTHOR

55. REINTRODUCTION OF GUT MICROBIOTA IMPROVES LIVER REGENERATION IN GERM-FREE MICE

KOLOKIUM SISWAZAH FAKULTI SAINS DAN TEKNOLOGI 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

56. CLINICAL PARAMETERS IN DIABETIC AND NON-DIABETIC PATIENTS: A CASE CONTROL STUDY AT A HEALTH CLINIC IN KLANG VALLEY

INTERNATIONAL HEALTH E-CONFERENCE

2020 PROCEEDING NON-INDEX CO-AUTHOR

57. INHIBITION OF MCF-7 PROLIFERATION BY STINGLESS BEE HONEY: THE ROLE OF MICRORNA (PAGE 85)

4TH USIM INTERNATIONAL HEALTH E-CONFERENCE 2020 (IHEC 2020) IN CONJUNCTION WITH THE 3RD INTERNATIONAL CONFERENCE ON MEDICINE AND HEALTH SCIENCES (ICMHS)

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

58. THE ANTIOXIDANT PROPERTIES AND ANTICANCER EFFECT OF MEDJOOL DATES (PHOENIX DACTYLIFERA L.) ON HUMAN BREAST ADENOCARCINOMA (MCF-7) CELLS: IN VITRO STUDY

FRONTIERS IN PHARMACOLOGY

2019 JOURNAL WOS CO-AUTHOR

59. ANTHELMINTIC EFFECT OF DATE PALM FRUIT: A SYSTEMATIC REVIEW

CURRENT TOPICS IN NUTRACEUTICAL RESEARCH

2019 JOURNAL ERA CO-AUTHOR

60. PRACTICAL GUIDE FOR MEDICAL BIOCHEMISTRY

2019 BOOK CHIEF EDITOR

61. COMPARATIVE PROFILING OF STEMNESS MARKERS EXPRESSED BY HUMAN UMBILICAL VEIN ENDOTHELIAL CELLS AND HUMAN UMBILICAL CORD MATRIX-DERIVED STEM CELLS

INTERNATIONAL JOURNAL OF RESEARCH IN PHARMACEUTICAL SCIENCES

2018 JOURNAL SCOPUS MAIN AUTHOR

62. ANTHELMINTIC ACTIVITY OF GOAT''S MILK: TRANSMISSION ELECTRON MICROGRAPHIC EVIDENCE

SCHOLARS INTERNATIONAL JOURNAL OF CHEMISTRY AND MATERIAL SCIENCES

2018 JOURNAL OTHER DATABASE CO-AUTHOR

63. DOWNREGULATED MICRORNA IN OBSTETRIC ANTIPHOSPHOLIPID SYNDROME AND ITS TARGETED GENES AND PATHWAYS

INTERNATIONAL CONFERENCE ON BIOCHEMISTRY, MOLECULAR BIOLOGY AND BIOTECHNOLOGY (ICBMBB) 2018

2018 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

64. POLISI DAN KOD AMALAN PENGAJARAN DAN PEMBELAJARAN BERTERASKAN INTEGRASI ILMU NAQLI DAN ALI

2018 POLICY

65. A SYSTEMATIC REVIEW ON THE ANTHELMINTIC EFFECTS OF MILK

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

66. PROLIFERATIVE EFFECTS OF TRIGONA HONEY AND AJWA DATES ON BONE MARROW-DERIVED MESENCHYMAL STEM CELLS

MALAYSIAN JOURNAL OF NUTRITION

2017 JOURNAL SCOPUS MAIN AUTHOR

67. DUAL PROLIFERATIVE EFFECTS OF TRIGONA HONEY ON BONE MARROW-DERIVED MESENCHYMAL STEM CELLS AND MCF7 BREAST CANCER CELLS

2ND INTERNATIONAL ANATOMICAL AND BIOMEDICAL SCIENTIFIC CONFERENCE 2017

2017 PROCEEDING NON-INDEX MAIN AUTHOR

68. PROLIFERATIVE EFFECT OF PROPHETIC FOODS ON HUMAN BONE MARROW MESENCHYMAL STEM CELLS (BMMSC)

NATIONAL HEALTH SEMINAR 2017

2017 PROCEEDING NON-INDEX MAIN AUTHOR

69. EFFECTS OF MALAYSIAN HONEY ON INFLAMMATION IN DSRNA-INFECTED AIRWAY EPITHELIAL CELLS

USIM NATIONAL HEALTH SEMINAR 2017

2017 PROCEEDING NON-INDEX CO-AUTHOR

70. GENE EXPRESSION IN OBSTETRIC ANTIPHOSPHOLIPID SYNDROME: A SYSTEMATIC REVIEW

MALAYSIAN JOURNAL OF PATHOLOGY

2016 JOURNAL SCOPUS CO-AUTHOR

71. MICRORNA EXPRESSION IN ANTIPHOSPHOLIPID SYNDROME: A SYSTEMATIC REVIEW AND MICRORNA TARGET GENES ANALYSIS

MALAYSIAN JOURNAL OF PATHOLOGY

2016 JOURNAL SCOPUS MAIN AUTHOR

72. ANTI-PROLIFERATIVE EFFECT OF TRIGONA HONEY ON MCF-7

15 TH ?UPDATES AND DILEMMAS IN PATHOLOGY? ANNUAL SCIENTIFIC MEETING, COLLEGE OF PATHOLOGISTS, ACADEMY OF MEDICINE MALAYSIA

2016 PROCEEDING NON-INDEX MAIN AUTHOR

73. INHIBITION OF HUMAN UMBILICAL VEIN ENDOTHELIAL CELLS PROLIFERATION AND ANGIOGENIC GROWTH FACTORS DOWN-REGULATION IN TUMOURAL ANGIOGENESIS MODEL CO-CULTURED WITH WHARTON?S JELLY-DERIVED MESENCHYMAL STEM CELLS

15 TH ANNUAL SCIENTIFIC MEETING, COLLEGE OF PATHOLOGISTS, ACADEMY OF MEDICINE MALAYSIA

2016 PROCEEDING NON-INDEX CO-AUTHOR

PUBLICATION

74. INTEGRATION OF NAQLI AND AQLI IN BIOCHEMISTRY SEMINARS FOR YEAR 2 MEDICAL STUDENTS

KONGRES PENDIDIKAN ILMU NAQLI & AQLI (ECNA 2015)

2015 PROCEEDING NON-INDEX CO-AUTHOR

75. NAQLI AND AQLI INTEGRATED APPROACH FOR BIOCHEMISTRY COURSE YEAR 1 MEDICAL STUDENTS DESIGN AND EARLY OUTCOMES.

INTERNATIONAL CONFERENCE ON ISLAMIC MEDICAL EDUCATION

2015 PROCEEDING NON-INDEX CO-AUTHOR

76. A SYSTEMATIC REVIEW OF STUDIES INVESTIGATING THE ANTHELMINTHIC EFFECT OF DATE PALM FRUIT

JOINT ANNUAL SCIENTIFIC MEETING OF THE NUTRITION SOCIETY OF NEW ZEALAND AND NUTRITION SOCIETY OF AUSTRALIA

2015 PROCEEDING NON-INDEX CO-AUTHOR

77. THE 2015 ANNUAL SCIENTIFIC MEETING OF THE COLLEGE OF PATHOLOGIST, ACADEMY OF MEDICINE MALAYSIA & 40TH ANNIVERSARY CELEBRATION OF THE PATHOLOGY ADVOCATES WAS HELD AT BERJAYA TIME SQUARE HOTEL, KUALA LUMPUR FROM 13-14 JUNE 2015: REGULATION OF MICRORNA IN AN

THE 2015 ANNUAL SCIENTIFIC MEETING OF THE COLLEGE OF PATHOLOGIST, ACADEMY OF MEDICINE MALAYSIA & 40TH ANNIVERSARY CELEBRATION OF THE PATHOLOGY ADVOCATES

2015 PROCEEDING NON-INDEX CO-AUTHOR

78. THE 2015 ANNUAL SCIENTIFIC MEETING OF THE COLLEGE OF PATHOLOGIST, ACADEMY OF MEDICINE MALAYSIA & 40TH ANNIVERSARY CELEBRATION OF THE PATHOLOGY ADVOCATES WAS HELD AT BERJAYA TIME SQUARE HOTEL, KUALA LUMPUR FROM 13-14 JUNE 2015: GENE EXPRESSION IN OBSTETRIC

THE 2015 ANNUAL SCIENTIFIC MEETING OF THE COLLEGE OF PATHOLOGIST, ACADEMY OF MEDICINE MALAYSIA & 40TH ANNIVERSARY CELEBRATION OF THE PATHOLOGY ADVOCATES

2015 PROCEEDING NON-INDEX CO-AUTHOR

79. STEMNESS AND ANGIOGENIC GENE EXPRESSION CHANGES OF SERIAL-PASSAGE HUMAN AMNION MESENCHYMAL CELLS

MICROVASCULAR RESEARCH

2013 JOURNAL WOS CO-AUTHOR

80. PRO-ANGIOGENIC PROPERTY OF HUMAN CHORION-DERIVED STEM CELLS: IN VITRO AND IN VIVO EVALUATION

JOURNAL OF CELLULAR AND MOLECULAR MEDICINE

2013 JOURNAL WOS MAIN AUTHOR

81. EFFECTS OF SERUM REDUCTION AND VEGF SUPPLEMENTATION ON THE ANGIOGENIC POTENTIAL OF HUMAN ADIPOSE STROMAL CELLS IN VITRO

CELL PROLIFERATION

2013 JOURNAL WOS CO-AUTHOR

AWARDS/RECOGNITION

1. TOP 10% OF RESEARCHERS WITH HIGHEST H-INDEX

2025 OTHERS

AWARDS/RECOGNITION

2. PENCAPAIAN MARKAH LAPORAN PRESTASI TAHUNAN MELEBIHI 95% BAGI TAHUN 2024

2025 OTHERS

3. STAF CONTOH

2025 OTHERS

4. TRAINER / FACILITATOR

UNIVERSITAS MUHAMMADIYYAH SURAKARTA

2025 INTERNATIONAL

5. ADVISORY / EDITOR / EDITORIAL

UNIVERSITI SAINS ISLAM MALAYSIA

2025 NATIONAL

6. METABOMATCH: INTERACTIVE CUBE GAME FOR TEACHING HUMAN METABOLISM

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA GOLD

7. (EXCELLENCE POSTGRADUATES (EXPOST) FRAMEWORK: AN INNOVATIVE MODEL FOR ENHANCING RESEARCH-BASED POSTGRADUATE LEARNING EXPERIENCE)

VIRTUAL INNOVATION COMPETITION EXHIBITION 2025 (VICE '25)

2025 ANTARABANGSA GOLD

8. ANUGERAH STAF CONTOH

2024 OTHERS

9. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2024 UNIVERSITY

10. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES, UNIVERSITI SAINS ISLAM MALAYSIA

2024 UNIVERSITY

11. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES

2024 OTHERS

12. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES, USIM

2024 OTHERS

13. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES

2024 OTHERS

AWARDS/RECOGNITION

14. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES, USIM

2024 UNIVERSITY

15. DOCTOR PLANET APPRENTICE PROGRAM: THE FUTURE GUARDIANS OF PLANETARY HEALTH

STEMADANI INNOVATION COMPETITION 2024

2024 KEBANGSAAN SILVER

16. P2Y12 RECEPTOR PROMOTES VASCULAR REMODELLING AND VASOCONSTRICTION, EVIDENCE OF ANTIPLATELETS AS POTENTIAL PHARMACOTHERAPY IN P2Y12 MEDIATED PATHOGENESIS

The 1 International Conference of PHAS GLOBAL HEALTH : Multi Approach for Primary Healthcare System

2024 ANTARABANGSA BEST PAPER AWARD

17. ANUGERAH PENGHARGAAN BUKU ILMIAH UMUM TERBAIK

2023 NATIONAL

18. AHLI AKADEMIK CEMERLANG (KLUSTER SAINS DAN TEKNOLOGI)

2023 UNIVERSITY

19. ANUGERAH PERKHIDMATAN CEMERLANG

2023 UNIVERSITY

20. ANUGERAH STAF CONTOH BULAN JULAI 2023

2023 OTHERS

21. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2023 UNIVERSITY

22. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2023 UNIVERSITY

23. ACADEMIC ADVISOR

FAKULTI PERUBATAN DAN SAINS KESIHATAN, USIM

2023 UNIVERSITY

24. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES

2023 UNIVERSITY

25. ACADEMIC ADVISOR

PERTANDINGAN REKACIPTA INOVASI SEMPENA DOCTOR PLANET APPRENTICE PROGRAM - THE FUTURE GUARDIANS OF PLANETARY HEALTH ANTARA SEKOLAH TERPILIH NEGERI SEMBILAN, JOHOR DAN PULAU PINANG

2023 NATIONAL

AWARDS/RECOGNITION

26. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2023 UNIVERSITY

27. ACADEMIC ADVISOR

TISSUE ENGINEERING AND REGENERATIVE MEDICINE SOCIETY OF MALAYSIA

2023 NATIONAL

28. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2023 OTHERS

29. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2023 UNIVERSITY

30. SARTANKIDZUKI BOARDGAME 2.0: EMPOWERING CANCER EDUCATION AND PREVENTION

International Medical Innovation Competition 2023 (IMIC 2023)

2023 ANTARABANGSA SILVER

31. AIRIS: A REVOLUTIONARY ISLAMIC SCHOLARS-THEMED BOARD GAME

International Education Innovation Expo 2023

2023 ANTARABANGSA SILVER

32. ANUGERAH BUKU UMUM TERBAIK

2022 UNIVERSITY

33. ACADEMIC ADVISOR

USIM

2022 UNIVERSITY

34. ACADEMIC ADVISOR

USIM

2022 UNIVERSITY

35. ACADEMIC ADVISOR

FPSK USIM

2022 UNIVERSITY

36. ACADEMIC ADVISOR

MALAYSIAN SOCIETY FOR MOLECULAR BIOLOGY & BIOTECHNOLOGY

2022 INTERNATIONAL

37. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2022 UNIVERSITY

AWARDS/RECOGNITION

38. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

2022 UNIVERSITY

39. ACADEMIC ADVISOR

FPSK USIM

2022 OTHERS

40. ACADEMIC ADVISOR

USIM

2022 UNIVERSITY

41. ACADEMIC ADVISOR

USIM

2022 UNIVERSITY

42. ACADEMIC ADVISOR

USIM

2022 UNIVERSITY

43. ACADEMIC ADVISOR

USIM

2022 UNIVERSITY

44. BLAST ? BIOCHEMISTRY LEARNING APP FOR STUDENTS

International Virtual Educational Design, Invention & Innovation Competition 2022 (iVEDIIC2022)

2022 KEBANGSAAN GOLD

45. LABSGURU

International Virtual Educational Design, Invention & Innovation Competition 2022 (iVEDIIC2022)

2022 KEBANGSAAN SILVER

46. KJK UNION USIM

KONVENSYEN KUMPULAN INOVATIF DAN KREATIF UNIVERSITI AWAM KE-16

2022 KEBANGSAAN GOLD

47. DIFFERENTIAL EXPRESSION OF MICRORNA (MIRNA) AND ITS TARGET GENES IN TRIGONA HONEY TREATED IN BREAST CANSER CELL

FINAL YEAR PROJECT & POSTGRADUATE: RESEARCH & INNOVATION POSTER COMPETITION (RIPC) SERIES 2/2022

2022 UNIVERSITI GOLD

48. ACADEMIC ADVISOR

FPSK

2021 UNIVERSITY

AWARDS/RECOGNITION

49. ACADEMIC ADVISOR

SSM YEAR 4 FPSK

2021 UNIVERSITY

50. ACADEMIC ADVISOR

SSM YEAR 4 FPSK

2021 UNIVERSITY

51. ACADEMIC ADVISOR

SSM YEAR 5 FPSK

2021 UNIVERSITY

52. ACADEMIC ADVISOR

FPSK

2021 UNIVERSITY

53. ACADEMIC ADVISOR

FPSK

2021 UNIVERSITY

54. ACADEMIC ADVISOR

8TH USIM NATIONAL HEALTH SEMINAR (JUDGE)

2021 NATIONAL

55. ACADEMIC ADVISOR

8TH USIM NATIONAL HEALTH SEMINAR 2021 (MODERATOR)

2021 NATIONAL

56. ACADEMIC ADVISOR

FPSK

2021 UNIVERSITY

57. BLAST-BIOCHEMISTRY LEARNING APP FOR STUDENTS

INNOVATION BANK CHALLENGE (IBC 2021)

2021 UNIVERSITI SILVER

58. WRITER OF THE MONTH

2020 OTHERS

59. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES USIM

2020 OTHERS

60. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES USIM

2020 UNIVERSITY

AWARDS/RECOGNITION

61. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES USIM

2020 UNIVERSITY

62. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES USIM

2020 UNIVERSITY

63. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES USIM

2020 UNIVERSITY

64. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES USIM

2020 UNIVERSITY

65. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES USIM

2020 UNIVERSITY

66. CANCER EDUCATION AND PREVENTION STARTS EARLY WITH SARTAN KIDZUKI

INVENTION,INNOVATION AND DESIGN EXPOSITION 2020 (IIDEX2020)

2020 ANTARABANGSA GOLD

67. SARTAN KIDZUKI

INVENTION,INNOVATION AND DESIGN EXPOSITION 2020 (IIDEX2020)

2020 ANTARABANGSA BRONZE

68. SARTAN KIDZUKI

MEDINOVA

2020 UNIVERSITI SILVER

69. ACADEMIC ADVISOR

FACULTY OF MEDICINE AND HEALTH SCIENCES

2019 UNIVERSITY

70. TOP 100 RESEARCHERS USIM (2013-2017)

TOP 100 RESEARCHERS

2018 UNIVERSITI CERTIFICATE OF APPRECIATION

71. ACADEMIC ADVISOR

LINCOLN UNIVERSITY COLLEGE

2017 UNIVERSITY

AWARDS/RECOGNITION

72. VISITING RESEARCHER

CUCMS

2017 UNIVERSITY

73. ACADEMIC ADVISOR

LINCOLN UNIVERSITY COLLEGE

2017 UNIVERSITY

74. BEST PARTICIPANT (WOMAN)

2013 UNIVERSITY

75. EXCELLENT PHD THESIS

2012 UNIVERSITY