



PROF. DATUK DR. AINOON BINTI OTHMAN

FELO AKADEMIK

CONTACT

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Faculty: Fakulti
Perubatan Dan Sains
Kesihatan

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 3,
Ongoing: 0

AREAS OF EXPERTISE

Haematology

Genomic

Diagnostics

Diagnostic Methods/kits

Medical Sciences

ACADEMIC QUALIFICATION

PhD in Pathology (hematology) (2005)

Diploma in Clinical Pathology (haematology) (1984)

Bachelor in Perubatan (1979)

RESEARCH

1. POINT OF CARE TESTING FOR DIAGNOSIS OF G6PD DEFICIENCY - EVALUATION OF CARESTART? S1 ANALYZER BIOSENSOR QUANTITATIVE ASSAY OF RBC G6PD ENZYME AND ESTABLISHMENT OF REFERENCE RANGE

2020

GERAN PENYELIDIKAN USIM RACER

COMPLETED

CO-RESEARCHER

2. MOLECULAR DIAGNOSIS OF G6PD DEFICIENCY IN NEONATES USING FLOW-THROUGH HYBRIDIZATION-A COMPREHENSIVE, SIMULTANEOUS MOLECULAR SCREENING

2016

GERAN PENYELIDIKAN TRANSNASIONAL

COMPLETED

MAIN RESEARCHER

3. THE OPTION OF PRE-MARITAL THALASSAEMIA SCREENING AS A NATIONAL POLICY OF THALASSAEMIA PREVENTION IN MALAYSIA

2015

GERAN KPT

COMPLETED

CO-RESEARCHER

**4. APOPTOTIC MARKERS IN MYELOYDYSPLASTIC SYNDROME:
RELATIONS TO PERIPHERAL BLOOD MORPHOLOGICAL
APPEARANCES**

2013 GERAN KPT COMPLETED CO-RESEARCHER

**5. POLYMORPHISM OF LRRFIP1, COMMD7 AND
GLYCOPROTEIN ILIA PIA1/A2 AND ITS EFFECT ON PLATELET
RESPONSIVENESS IN TYPE 2 DIABETIC PATIENTS**

2013 GERAN KPT COMPLETED CO-RESEARCHER

RESEARCH

6. PATTERN RECOGNITION OF MATURATION BY FOUR-COLOR FLOW CYTOMETRY IN THE DIAGNOSIS OF MYELOYDYSPLASTIC SYNDROMES.

2012 GERAN KPT COMPLETED CO-RESEARCHER

7. RED CELL GENOTYPE USING BUCCAL SWAB IS BETTER THAN PERIPHERAL WHOLE BLOODIN TRANSFUSION-DEPENDENT TH

2012 GERAN KPT COMPLETED CO-RESEARCHER

PUBLICATION

1. VIRTUAL MICROSCOPY: ENHANCING ACCESSIBILITY AND EFFICIENCY IN UNDERGRADUATE PATHOLOGY EDUCATION

1ST INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE IN MEDICAL EDUCATION WITH MAEMHS 2024

2024 PROCEEDING NON-INDEX MAIN AUTHOR

2. THE INCORPORATION OF THE HALAL MANAGEMENT SYSTEM (HMS) BY THE PHARMACEUTICAL INDUSTRY

GENERIC AND BIOSIMILARS INITIATIVE JOURNAL

2023 JOURNAL WOS CO-AUTHOR

3. PRE-MARITAL THALASSAEMIA SCREENING: KNOWLEDGE, ACCEPTANCE AND PRACTICE AMONG MALAYSIANS

9TH NATIONAL HEALTH SEMINAR (NHS)

2023 PROCEEDING NON-INDEX MAIN AUTHOR

4. THE EFFECTS OF AROMATHERAPY ON INSOMNIA IN AUTISM SPECTRUM DISORDER: A SCOPING REVIEW

9TH NATIONAL HEALTH SEMINAR (NHS)

2023 PROCEEDING OTHER DATABASE CO-AUTHOR

5. SIRIRAJ I G?(A???)0 -THALASSAEMIA CAUSING SEVERE THALASSAEMIA INTERMEDIA IN COMPOUND HETEROZYGOUS STATE WITH IVS1-1(G?T) MUTATION

MALAYSIAN JOURNAL OF PATHOLOGY

2021 JOURNAL ISI MAIN AUTHOR / CONTACT PERSON IN USIM

6. DETECTION OF HAEMOGLOBIN S USING MULTIPLEX LIGATION-DEPENDENT PROBE AMPLIFICATION AND FLOW-THROUGH HYBRIDIZATION TECHNIQUES: EXPERIENCE IN A TERTIARY HOSPITAL

MEDICINE & HEALTH

2020 JOURNAL INDEX BY WOS & MYCITE MAIN AUTHOR / CONTACT PERSON IN USIM

7. POLIS PLAGIARISME UNIVERSITI SAINS ISLAM MALAYSIA

2020 POLICY

8. TEAM-BASED LEARNING : BENEFITS ON STUDENTS LEARNING AND STUDENTS PERCEPTION

EDUCATION IN MEDICINE JOURNAL

2019 JOURNAL INDEX BY MYCITE / EBS COHOST CO-AUTHOR

9. MULTIPLEX STR PANEL FOR ASSESSMENT OF CHIMERISM FOLLOWING HEMATOPOIETIC STEM CELL TRANSPLANTATION

ANNALS OF HEMATOLOGY

2019 JOURNAL ERA CO-AUTHOR

10. GENOTYPING OF MALAYSIAN G6PD-DEFICIENT NEONATES BY REVERSE DOT BLOT FLOW-THROUGH HYBRIDIZATION

JOURNAL OF HUMAN GENETICS

2019 JOURNAL WOS CO-AUTHOR

11. HPLC TOSOH HLC-723 G8 ANALYZER PERFORMANCE IN DETECTION OF ?-THALASSEMIA AND HB E TRAITS

HEMOGLOBIN: INTERNATIONAL JOURNAL FOR HEMOGLOBIN RESEARCH

2019 JOURNAL ERA MAIN AUTHOR / CONTACT PERSON IN USIM

12. UPDATES ON LABORATORY TESTS FOR DIAGNOSIS OF GLUCOSE-6-PHOSPHATE DEHYDROGENASE DEFICIENCY IN MALAYSIA

HEMOGLOBIN: INTERNATIONAL JOURNAL FOR HEMOGLOBIN RESEARCH

2019 JOURNAL ERA MAIN AUTHOR / CONTACT PERSON IN USIM

13. A UNIQUE INTERACTION OF IVS-1-1 (G>A) (HBA2:C.95+1G>A) WITH HB ADANA (HBA2:C.179G>A) PRESENTING AS TRANSFUSION-DEPENDENT ALPHA THALASSAEMIA

HEMOGLOBIN: INTERNATIONAL JOURNAL FOR HEMOGLOBIN RESEARCH

2019 JOURNAL ERA CO-AUTHOR

PUBLICATION

14. APPLICATION OF MOLECULAR DIAGNOSTICS IN DETECTION OF α -THALASSEMIA AND HEMOGLOBIN VARIANTS AT HOSPITAL CANSELOR TUANKU MUHRIZ UKM, KUALA LUMPUR, MALAYSIA.

HEMOGLOBIN: INTERNATIONAL JOURNAL FOR HEMOGLOBIN RESEARCH

2019 JOURNAL ERA MAIN AUTHOR / CONTACT PERSON IN USIM

15. SICKLE CELL CASE SERIES

ASIAN JOURNAL OF MEDICINE AND BIOMEDICINE

2018 JOURNAL SCI CO-AUTHOR

16. A UNIQUE INTERACTION OF IVS-1-1 (G>A) (HBA2:C.95+1G>A) WITH HB ADANA (HBA@: C.179G>A PRESENTING AS TRANSFUSION-DEPENDENT ALPHA THALASSAEMIA

HEMOGLOBIN (INTERNATIONAL JOURNAL FOR HEMOGLOBIN RESEARCH)

2018 JOURNAL WOS CO-AUTHOR

17. ASSOCIATION BETWEEN UDP-GLUCURONOSYLTRANSFERASE 1A1 (UGT1A1) GENE POLYMORPHISM, (C.-3279T>G) AND PHOTOTHERAPY AMONG GLUCOSE-6-PHOSPHATE DEHYDROGENASE (G6PD)-DEFICIENT NEONATES.

BIOMED J SCI & TECH RES

2018 JOURNAL SCOPUS CO-AUTHOR

18. A COMPARATIVE STUDY OF RED BLOOD CELL PARAMETERS OF ALPHA AND BETA THALASSAEMIA PATIENTS DIAGNOSED IN A UNIVERSITY HOSPITAL IN CHERAS,

MALAYSIA ARC JOURNAL OF HEMATOLOGY VOLUME 3, ISSUE 1, 2018, PP 23-27 WWW.ARCJOURNALS.ORG

2018 JOURNAL OTHER DATABASE CO-AUTHOR

19. POINT-OF-CARE QUANTITATIVE MEASURE OF G6PD ENZYME ACTIVITY.

ASIAN JOURNAL OF MEDICINE AND BIOMEDICINE

2018 JOURNAL OTHER DATABASE CO-AUTHOR

20. DIAGNOSIS OF G6PD DEFICIENCY - BEYOND FLUORESCENT SPOT TEST

GLOBIN GLOBIN 2020 CHALLENGE (GG2020) CONFERENCE - PRECISION MEDICINE IN THALASSAEMIA

2018 PROCEEDING NON-INDEX MAIN AUTHOR

21. MOLECULAR CHARACTERISATION OF THALASSAEMIA AMONG MALAYS IN KLANG VALLEY, MALAYSIA.

THE BELT AND ROAD CONFERENCE ON THALASSAEMIA ?ADAVANCING KNOWLEDGE IN THALASSAEMIA.

2018 PROCEEDING NON-INDEX CO-AUTHOR

22. COMPOUND HETEROZYGOSE HB ADANA WITH ONE GLOBIN GENE DELETION ALPHA THALASSAEMIA (AAADANA/A-3.7) IN PREGNANCY.

MALAYSIAN SOCIETY OF HAEMATOLOGY 15TH ANNUAL SCIENTIFIC MEETING

2018 PROCEEDING NON-INDEX CO-AUTHOR

23. SIMULTANEOUS DETECTION OF G6PD MUTATIONS BY FLOW THROUGH HYBRIDIZATION ? A POTENTIAL TOOL FOR GENETIC SCREENING OF NEWBORN.

MALAYSIAN SOCIETY OF HAEMATOLOGY 15TH ANNUAL SCIENTIFIC MEETING

2018 PROCEEDING NON-INDEX CO-AUTHOR

24. CO-INHERITENCE OF HAEMOGLOBIN E WITH RARE THALASSAEMIA CD 35 (C-A): THE OTHER END OF THE SPECTRUM OF COMPOUND HETEROZYGOUS HB/E BETA THALASSAEMIA

THE BELT AND ROAD CONFERENCE ON THALASSAEMIA ?ADAVANCING KNOWLEDGE IN THALASSAEMIA.

2018 PROCEEDING NON-INDEX CO-AUTHOR

25. DETECTION OF α -GLOBIN GENE DELETIONS IN HIGH HBF LEVEL PATIENTS USING MULTIPLEX LIGATION-DEPENDENT PROBE AMPLIFICATION (MLPA)

29TH NATIONAL SCIENTIFIC CONFERENCE IN CONJUNCTION WITH THE 30TH ANNIVERSARY OF MALAYSIA INSTITUTE OF MEDICAL LABORATORY SCIENCES.

2018 PROCEEDING NON-INDEX CO-AUTHOR

26. IMPORTANCE OF EXTENDED BLOOD GROUP GENOTYPING IN MULTIPLY TRANSFUSED PATIENTS

TRANSFUSION AND APHERESIS SCIENCE

2017

JOURNAL

WOS

CO-AUTHOR

PUBLICATION

27. MOLECULAR CHARACTERISATION OF ALPHA AND BETA -THALASSAEMIA AMONG INDIGENOUS SENOI ORANG ASLI COMMUNITIES IN PENINSULAR MALAYSIA

ANNALS OF HUMAN GENETICS

2017 JOURNAL WOS CO-AUTHOR

28. GLUCOSE-6-PHOSPHATE DEHYDROGENASE (G6PD) DEFICIENT INFANTS: ENZYME ACTIVITY AND GENE VARIANTS AS RISK FACTORS FOR PHOTOTHERAPY IN THE FIRST WEEK OF LIFE

JOURNAL OF PAEDIATRIC AND CHILD HEALTH

2017 JOURNAL WOS CO-AUTHOR

29. A PILOT STUDY ON WILLINGNESS OF PREMARITAL MALAY ON PREMARITAL THALASSAEMIA SCREENING

J OF BIOMEDICAL & CLINICAL SCI

2017 JOURNAL OTHER DATABASE CO-AUTHOR

30. CONCOMITANT INHERITANCE OF ALPHA-THALASSAEMIA IN BETA THALASSAEMIA MAJOR: A CASE REPORT

GLOBAL GLOBIN 2020 CHALLENGE 'MOVING TOWARDS ZERO THALASSAEMIA'

2017 PROCEEDING NON-INDEX CO-AUTHOR

31. DETECTION OF BETA THALASSAEMIA MUTATIONS BY MULTIPLEX AMPLIFICATION REFRACTORY SYSTEM AND GAP-PCR

GLOBAL GLOBIN 2020 CHALLENGE, MOVING TOWARDS ZERO THALASSAEMIA,

2017 PROCEEDING NON-INDEX CO-AUTHOR

32. CHARACTERIZATION OF ALPHA GLOBIN GENE MUTATIONS DIAGNOSED IN HKL

MALAYSIAN SOCIETY OF HEMATOLOGY 14TH ANNUAL SCIENTIFIC MEETING ?TOWARDS A NEW ERA OF PRECISION MEDICINE

2017 PROCEEDING NON-INDEX CO-AUTHOR

33. NEAR PATIENT TESTING OF G6PD ENZYME ACTIVITY BY CARESTARTTM BIOSENSOR 1 KIT

3RD MSMLT NATIONAL SCIENTIFIC CONFERENCE - ADVANCE CHALLENGES IN MEDICAL LABORATORY TECHNOLOGY

2017 PROCEEDING NON-INDEX CO-AUTHOR

34. EVALUATION OF G6PD ENZYME ACTIVITY IN NEONATES BY MINDRAY G6PD TEST KIT ON MINDRAY BS-480

MALAYSIAN SOCIETY OF HEMATOLOGY 14TH ANNUAL SCIENTIFIC MEETING ?TOWARDS A NEW ERA OF PRECISION MEDICINE

2017 PROCEEDING NON-INDEX CO-AUTHOR

35. DETECTION OF BETA THALASSAEMIA MUTATIONS BY MULTIPLEX AMPLIFICATION REFRACTORY SYSTEM AND GAP-PCR

MALAYSIAN SOCIETY OF HEMATOLOGY 14TH ANNUAL SCIENTIFIC MEETING ?TOWARDS A NEW ERA OF PRECISION MEDICINE

2017 PROCEEDING NON-INDEX CO-AUTHOR

36. DETERMINATION OF HBA2 LEVEL AMONG ?-THALASSAEMIA AND HAEMOGLOBIN-E TRAITS BY ION EXCHANGE HPLC TOSOH HLC-723 G8 ANALYZER

MALAYSIAN SOCIETY OF HEMATOLOGY 14TH ANNUAL SCIENTIFIC MEETING ?TOWARDS A NEW ERA OF PRECISION MEDICINE

2017 PROCEEDING NON-INDEX CO-AUTHOR

37. EVALUATION OF QUANTITATIVE POINT ?OF-CARE-TEST: G6PD ACTIVITY IN NORMAL SUBJECTS USING CARESTARTTM BIOSENSOR 1 KIT. ABSTRACT OF THE , AT UKM MEDICAL CENTRE, SEPTEMBER, 2017

10TH MALAYSIA-INDONESIA-BRUNEI MEDICAL SCIENCES CONFERENCE

2017 PROCEEDING NON-INDEX CO-AUTHOR

38. THE USE OF MULTIPLEX LIGATION-DEPENDENT PROBE AMPLIFICATION (MLPA) ASSAY IN DETECTING ALPHA THALASSAEMIA GENE ABNORMALITIES: COMPARISON WITH MULTIPLEX PCR.

MALAYSIAN SOCIETY OF HEMATOLOGY 14TH ANNUAL SCIENTIFIC MEETING ?TOWARDS A NEW ERA OF PRECISION MEDICINE

2017 PROCEEDING NON-INDEX CO-AUTHOR

39. EVALUATION OF POCT (POINT OF CARE TESTING); CARESTART BIOSENSOR; SINGLE KIT AND CARESTART BIOSENSOR 1; COMBO KIT VS THE STANDARD REFERENCE METHOD (OSMMR200D) IN THE QUANTIFICATION OF G6PD ENZYME LEVEL

MALAYSIAN SOCIETY OF HEMATOLOGY 14TH ANNUAL SCIENTIFIC MEETING ?TOWARDS A NEW ERA OF PRECISION MEDICIN

2017

PROCEEDING

NON-INDEX

CO-AUTHOR

PUBLICATION

40. EVALUATION OF GLUCOSE-6-PHOSPHATE DEHYDROGENASE STABILITY IN STORED BLOOD SAMPLES

EXCLI JOURNAL

2016 JOURNAL WOS CO-AUTHOR

41. PHOENIX DACTERYLIFERA (DATE FRUITS) ADMINISTRATION TO ANIMA MODELS OF NEUROLOGICAL DISEASES: A SYSTEMATIC REVIEW OF HEALTH BENEFITS.

CURRENT TOPICS IN NEUTRACEUTICAL RESEARCH

2016 JOURNAL WOS CO-AUTHOR

42. DETECTION OF HOMOZYGOUS HAEMOGLOBIN CONSTANT SPRING BY CAPILLARY ELECTROPHORESIS METHOD

ARC JOURNAL OF HAEMATOLOGY

2016 JOURNAL OTHER DATABASE CO-AUTHOR

43. SENSITIVITY OF BLOOD CELLS MATURATION PATTERN IN THE DIAGNOSIS OF MYELODYSPLASTIC SYNDROME USING FLOWCYTOMETRY - A SYSTEMATIC REVIEW

JOURNAL OF CONTEMPORARY ISSUES AND THOUGHT

2016 JOURNAL OTHER DATABASE CO-AUTHOR

44. RED CELL ENZYME DISORDER IN MALAYSIA

13TH ANNUAL SCIENTIFIC MEETING MALAYSIAN SOCIETY OF HAEMATOLOGY ? NEXT GENERATION HAEMATOLOGY

2016 PROCEEDING NON-INDEX MAIN AUTHOR

45. RED CELL ENZYME DISORDER IN MALAYSIA

27TH NATIONAL SCIENTIFI CONFERENCE OF THE MALAYSIAN INSTITUTE OF MEDICAL LABORATORY SCIENCES

2016 PROCEEDING NON-INDEX MAIN AUTHOR

46. TEAM-BASED LEARNING (TBL)PEDAGOGY IN FACULTY OF MEDICINE AND HEALTH SCIENCES USIM: AN EARLY OUTCOME

5TH USIM HEALTH CONFERENCE (NHS 2016)

2016 PROCEEDING NON-INDEX CO-AUTHOR

47. SENSITIVITY OF BLOOD CELLS? MATURATION PATTERN IN THE DIAGNOSIS OF MYELODYSPLASTIC SYNDROME USING FLOW CYTOMETRY - A SYSTEMATIC REVIEW

SEMINAR PENYELDIKAN KEBANGSAAN 2016

2016 PROCEEDING NON-INDEX CO-AUTHOR

48. DETECTION OF G6PD MOLECULAR VARIANTS USING TAQMAN SNP GENOTYPIN ASSAY AT UKMMC

13TH ANNUAL SCIENTIFIC MEETING MALAYSIAN SOCIETY OF HAEMATOLOGY ? NEXT GENERATION HAEMATOLOGY

2016 PROCEEDING NON-INDEX CO-AUTHOR

49. DETECTION OF MALAYSIAN BETA THALASSAEMIA ALLELEES BY MULTIPLEX ALLELE MULTIPLICATION SYSTEM BY FLOW THROUGH HYBRIDIZATION

13TH ANNUAL SCIENTIFIC MEETING MALAYSIAN SOCIETY OF HAEMATOLOGY ? NEXT GENERATION HAEMATOLOGY

2016 PROCEEDING NON-INDEX CO-AUTHOR

50. CONCOMITANT HBH-PAKS WITH JAK2V617F MUTATION: CASE REPORT

MALAYSIAN JOURNAL OF PATHOLOGY

2015 JOURNAL SCOPUS CO-AUTHOR

51. HB LEPORÉ/ β^0 -THALASSAEMIA WITH α^+ -THALASSAEMIA INTERACTIONS, A POTENTIAL DIAGNOSTIC PITFALL

MALAYSIAN JOURNAL OF PATHOLOGY

2015 JOURNAL WOS CO-AUTHOR

52. A SYSTEMATIC REVIEW ON THE INVOLVEMENT OF APOPTOSIS IN THE PATHOGENESIS OF MYELODYSPLASTIC SYNDROME

MALAYSIAN JOURNAL OF PATHOLOGY

2015 JOURNAL SCOPUS CO-AUTHOR

PUBLICATION

53. SYSTEMATIC REVIEW ON MATURATION PATTERN SENSITIVITY IN THE DIAGNOSIS OF MYELOYDYSPLASTIC SYNDROME (MDS)

MLAYSIAN JOURNAL OF PATHOLOGY

2015 JOURNAL SCOPUS CO-AUTHOR

54. A COMPARISON BETWEEN TWO SAMPLING METHODS FOR EXTENDED RED CELL GENOTYPING USING TAQMAN SINGLE NUCLEOTIDE POLYMORPHISMS

MALAYSIAN JOURNAL OF PATHOLOGY

2015 JOURNAL SCOPUS CO-AUTHOR

55. NEONATAL JAUNDICE IN G6PD-DEFICIENT FEMALES AND THE ASSOCIATION WITH COMMONLY OCCURRING GENETIC MUTATIONS USING SINGLE-NUCLEOTIDE POLYMORPHISM DETECTION VIA REAL-TIME PCR

MALAYSIAN JOURNAL OF PATHOLOGY

2015 JOURNAL SCOPUS CO-AUTHOR

56. MOLECULAR ANALYSIS OF β -GLOBIN GENE MUTATIONS IN UKMMC USING MULTIPLEX AMPLIFICATION REFRACTORY MUTATION SYSTEM AND FLOW-THROUGH HYBRIDIZATION KIT: A COMPARISON OF TWO METHODS

MALAYSIAN JOURNAL OF PATHOLOGY

2015 JOURNAL SCOPUS CO-AUTHOR

57. HAEMOGLOBINOPATHIES AND THALASSAEMIA SCREENING AMONG SENOI ORANG ASLI IN PENINSULAR MALAYSIA

AIP CONFERENCE

2015 PROCEEDING NON-INDEX CO-AUTHOR

58. IMPORTANCE OF EXTENDED BLOOD GROUP GENOTYPING IN MULTIPLY TRNASFUSED PATIENTS

SEMINAR PENYELIDIKAN KEBANGSAAN (SPK2015)

2015 PROCEEDING NON-INDEX CO-AUTHOR

59. PATHOLOGY IN MALAYSIA , CELEBRATING 40 YEARS OF ADVOCACY

2015 BOOK CO-AUTHOR

60. LOW DNA CONCENTRATION FROM BUCCL SWAB CAN BE USED FOR BLOOD GROUP MOLECLUR GENOTYPING

THE MALAYSIAN JOURNAL OF PATHOLOGY

2014 JOURNAL SCOPUS CO-AUTHOR

61. EVALUATION OF GLUCOSE-6-PHOSPHATE DEHYDROGENASE STABILITY IN STORED EDTA BLOOD SAMPLES

THE MALAYSIAN JOURNAL OF PATHOLOGIST

2014 JOURNAL SCOPUS CO-AUTHOR

62. MOLECULAR CHARACTERISATION OF ALPHA THALASSEMIA AMONG PATIENTS DIGNOSED IN UKM MEDICAL CENTRE

MALAYSIAN JOURNAL OF PATHOLOGY

2014 JOURNAL SCOPUS CO-AUTHOR

63. STR ANALYSIS FOR CHIMERISM STATUS OF ALLOGENEIC PERIPHERAL BLOOD STEM CELL TRANSPLANTATION

THE MALAYSIAN JOURNAL OF PATHOLOGY

2014 JOURNAL SCOPUS CO-AUTHOR

64. RBC G6PD ACTIVITY MEASUREMENT - A COMPARISON BETWEEN WHOLE BLOOD EDTA SAMPLES AND DRIED BLOOD SPOT

THE MALAYSIAN JOURNAL OF PATHOLOGY

2014 JOURNAL SCOPUS CO-AUTHOR

65. IMMATURE RETICULOCYTE FRACTION IS AN EARLY PREDICTOR OF BONE MARROW RECOVERY PAST CHEMOTHERAPY IN PATIENTS WITH ACUTE LEUKEMIA

SAUDI MED J

2014 JOURNAL WOS CO-AUTHOR

PUBLICATION

66. PRENATAL DIAGNOSIS OF ANEUPLOIDIES IN AMNIOTIC FLUID BY MULTIPLE LIGATION-DEPENDENT PROBE AMPLIFICATION (MLPA) ANALYSIS

THE MALAYSIAN JOURNAL OF PATHOLOGY

2014 JOURNAL SCOPUS CO-AUTHOR

67. A CASE SERIES A-THALASSAEMIA INTERNEDIA DUE TO COMPOUND HETEROZYGOSITY FOR HB ADANA (HBA2:C179A(ORHBA1);P.GLY60ASP) WITH OTHE A-THALASSAEMIAS IN MALAY FAMILIES

HEMOGLOBIN

2014 JOURNAL WOS CO-AUTHOR

68. INCREASED BASAL OXIDATION OF PEROXIREDOXIN2 AND LIMITED PEROXIREDOXIN RECYCLING IN GLUCOSE-6-PHOSPHATE DEHYDROGENASE-DEFICIENT ERYTHROCYTES FROM NEWBORN INFANTS

THE FASEB JOURNAL

2014 JOURNAL WOS CO-AUTHOR

69. DETECTION OF PARTIAL G6PD DEFICIENCY USING OSMMR2000-D KIT WITH HB NORMALIZATION

MEDICINE AND HEALTH

2014 JOURNAL OTHER DATABASE CO-AUTHOR

70. LOW DNA CONCENTRATION FROM BUCCAL SWAB CAN BE USED FOR BLOOD GROUP MOLECULAR GENOTYPING

2014 INTERNATIONAL CONGRESS OF PATHOLOGY AND LABORATORY MEDICINE AND 48TH MALAYSIA-SINGAPOR CONGRESS OF MEDICINE

2014 PROCEEDING NON-INDEX CO-AUTHOR

71. EVALUATION OF GLUCOSE-6-PHOSPHATE DEHYDROGENASE STABILITY IN STORED EDTA BLOOD SAMPLES

2014 INTERNATIONAL CONGRESS OF PATHOLOGY AND LABORATORY MEDICINE AND 48TH MALAYSIA-SINGAPORE CONGRESS OF MEDICINE

2014 PROCEEDING NON-INDEX CO-AUTHOR

72. STR ANALYSIS FOR CHIMERISM STATUS OF ALLOGENEIC PERIPHERAL BLOOD STEM CELL TRANSPLANTATION

2014 INTERNATIONAL CONGRESS OF PATHOLOGY AND LABORATORY MEDICINE AND 48TH MALAYSIA-SINGAPORE CONGRESS OF MEDICINE

2014 PROCEEDING NON-INDEX CO-AUTHOR

73. RBC G6PD ACTIVITY MEASUREMENT - A COMPARISON BETWEEN WHOLE BLOOD EDTA SAMPLES AND DRIED BLOOD SPOT

2014 INTERNATIONAL CONGRESS OF PATHOLOGY AND LABORATORY MEDICINE AND 48TH MALAYSIA-SINGAPOR CONGRESS OF MEDICINE

2014 PROCEEDING NON-INDEX CO-AUTHOR

74. RISK FACTORS ASSOCIATED WITH UNCONJUGATED NEONATAL HYPERBILIRUBINAEMIA IN MALAYSIAN NEONATES

JOURNAL OF TROPICAL PAEDIATRICS

2013 JOURNAL WOS CO-AUTHOR

75. MOLECULAR CHARACTERISTICS OF ALPHA THALASSAEMIA AMONG PATIENTS DIAGNOSED IN UKM MEDICAL CENTRE

THE MALAYSIAN JOURNAL OF PATHOLOGY

2013 JOURNAL SCOPUS CO-AUTHOR

76. THE GENETICS OF G6PD DEFICIENCY AND UGT1A1 MUTATION ASSOCIATED WITH JUANDICE IN THE EARLY NEONATAL PERIOD

JOURNAL AND PAEDIATRICS AND CHILD HEALTH

2013 JOURNAL WOS CO-AUTHOR

77. A CASE SERIES OF H INCLUSION NEGATIVE ALPHA THALASSAEMIA INTERMEDIA DUE TO COMPOUND HETEROZYGOSITY OF HAEMOGLOBIN ADANA WITH OTHER ALPHA THALASSAEMIAS IN MALAY FAMILIES

HEMOGLOBIN

2013 JOURNAL WOS CO-AUTHOR

78. A POPULATION STUDY ON THALASSAEMIA AND HEMOGLOBINOPATHY AMONG JAHUT POPULATION.

INTERNATIONAL CONFERENCE ON HEALTH AND MEDICAL SCIENCES

2013 PROCEEDING NON-INDEX CO-AUTHOR

PUBLICATION

79. INTERACTION OF HAEMOGLOBIN E AND HAEMOGLOBIN CONSTANT SPRING IN A JAHUT FAMILY

INTERNATIONAL CONFERENCE ON HEALTH AND MEDICAL SCIENCES, 22-24TH MAY, ORGANIZED BY

2013 PROCEEDING NON-INDEX CO-AUTHOR

80. DETECTION OF HOMOZYGOUS HAEMOGLOBIN CONSTANT SPRING BY CAPILLARY ELECTROPHORESIS METHOD.

THE XTH MALAYSIAN NATIONAL HEMATOLOGY SCIENTIFIC MEETING, 26TH -28TH APRIL 2013,

2013 PROCEEDING NON-INDEX CO-AUTHOR

81. GLUCOSE-6-PHOSPHATE DEHYDROGENASE (G6PD) DEFICIENCY AMONG SENOI ORANG ASLI'S CHILDREN : RECOMMENDATION FOR MANDATORY POPULATION SCREENING.

THE 8TH MALAYSIA-INDONESIA-BRUNEI MEDICAL SCIENCE CONFERENCE

2013 PROCEEDING NON-INDEX CO-AUTHOR

82. A SEVERE α -THALASSAEMIA DUE TO COMPOUND HETEROZYGOSITY FOR RARE CODON 59 (GGC>GAC) WITH IVS I NT I (G/A) MUTATIONS IN α 2-GENE

INTERNATIONAL CONFERENCE ON HEALTH AND MEDICAL SCIENCES, 22-24TH MAY,

2013 PROCEEDING NON-INDEX CO-AUTHOR

83. THALASSAEMIA AND HAEMOGLOBINOPATHY AMONG TEMIAR ORANG ASLI POPULATION IN MALAYSIA : CALLS FOR AWARENESS AMONG YOUNG GENERATION

THE 8TH MALAYSIA-INDONESIA-BRUNEI MEDICAL SCIENCE CONFERENCE 27-29TH JUNE 2013 ,

2013 PROCEEDING NON-INDEX CO-AUTHOR

84. CO-INHERITANCE OF COMPOUND HETEROZYGOUS HB LEPORÉ AND α -THALASSAEMIA WITH SINGLE GENE DELETION α -THALASSAEMIA (α 3.7 TYPE): A CASE REPORT.

THE XTH MALAYSIAN NATIONAL HEMATOLOGY SCIENTIFIC MEETING, 26TH -28TH APRIL 2013.

2013 PROCEEDING NON-INDEX CO-AUTHOR

85. IMMUNOPHENOTYPING ANALYSIS OF LYMPH NODE BIOPSIES BY FLOW CYTOMETRY

SAUDI MEDICAL JOURNAL

2012 JOURNAL WOS CO-AUTHOR

86. A CASE SERIES OF HB ADANA INTERACTION WITH BETA THALASSAEMIA

THE MALAYSIAN JOURNAL OF PATHOLOGY

2012 JOURNAL WOS CO-AUTHOR

87. A STUDY OF JAK2 (V617F) GENE MUTATION IN PATIENTS WITH MYELOPROLIFERATIVE DISORDER.

LA CLINICA TERAPEUTICA

2012 JOURNAL WOS CO-AUTHOR

88. MESENCHYMAL STROMAL AND NEURAL CELL MARKERS IN EX VIVO EXPANDED LIMBAL STROMAL CELL

THE MALAYSIAN JOURNAL OF PATHOLOGY

2012 JOURNAL WOS CO-AUTHOR

89. PREVALENCE OF IRON DEFICIENCY ANEMIA AND THALASSAEMIA TRAIT AMONG UNDERGRADUATE MEDICAL STUDENTS 2012;

LA CLINICA TERAPEUTICA

2012 JOURNAL WOS CO-AUTHOR

90. EX VIVO EXPANDED SSEA-4+ HUMAN LIMBAL STROMAL CELLS ARE MULTIPOTENT AND DO NOT EXPRESS OTHER EMBRYONIC STEM CELL MARKERS

MOLECULAR VISION

2012 JOURNAL WOS CO-AUTHOR

91. EXTENDED AND STABLE GENE EXPRESSION VIA NUCLEOFECTON OF MIDGE CONSTRUCT INTO ADULT HUMAN MARROW MESENCHYMAL STROMAL CELLS 2012 :

CYTOTECHNOLOGY

2012 JOURNAL WOS CO-AUTHOR

PUBLICATION

92. CO-INHERITANCE OF COMPOUND HETEROZYGOUS HB CONSTANT SPRING AND SINGLE GENE DELETION ALPHA THALASSAEMIA (3.7 KB TYPE) WITH HETEROZYGOUS DELTA BETA THALASSAEMIA: A CASE REPORT.

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2012 JOURNAL WOS CO-AUTHOR

93. HUMAN MESENCHYMAL STROMAL CELLS COULD DELIVER ERYTHROPOIETIN AND MIGRATE TO THE BASAL LAYER OF HAIR SHAFT WHEN SUBCUTANEOUSLY IMPLANTED IN A MURINE MODE TISSUE AND CELL ELSEVIER AMSTERDAM, NETHERLANDS 2012 1(2) : 44(4):249-256 HUMAN MESENCHYMAL

TISSUE AND CELL 2012 1(2) :

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94. G6PD DEFICIENCY ➦ NEW INSIGHTS TO OLD TEST

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2012 PROCEEDING NON-INDEX MAIN AUTHOR

95. MESENCHYMAL STROMAL AND NEURAL CELL MARKERS IN EX VIVO EXPANDED LIMBAL STROMA CELLS

11TH ANNUAL SCIENTIFIC MEETING COLLEGE OF PATHOLOGIST, ACADEMY OF MEDICINE MALAYSIA

2012 PROCEEDING NON-INDEX CO-AUTHOR

96. PREVALENCE OF URIDINE GLUCURONOSYL TRANSFERASE 1A1 MUTATIONS IN MALAY NEONATES WITH SEVERE JAUNDICE

THE MALAYSIAN JOURNAL OF PATHOLOGY

2011 JOURNAL WOS CO-AUTHOR

97. RAPID DETECTION OF ANEUPLOIDIES IN AMNIOTIC FLUID BY MULTIPLEX LIGATION-DEPENDENT PROBE AMPLIFICATION

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2011 JOURNAL WOS MAIN AUTHOR

98. REAL-TIME QUANTIFICATION FOR BCR-ABL TRANSCRIPTS IN CHRONIC MYELOID LEUKAEMIA PATIENTS IN UKMMC, MALAYSIA

MALAYSIAN JOURNAL OF PATHOLOGY

2011 JOURNAL WOS CO-AUTHOR

99. THE USE OF AUTOMATED IMMATURE RETICULOCYTE FRACTION IN PREDICTING BONE MARROW RECOVERY IN PATIENT WITH ACUTE LEUKAEMIA

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2011 JOURNAL WOS MAIN AUTHOR

100. CO-INHERITANCE OF COMPOUND HETEROZYGOUS HB CONSTANT SPRING AND SINGLE GENE DELETION ALPHA THALASSAEMIA (3.7KB TYPE) WITH HETEROZYGOUS DELTA BETA THALASSAEMIA : A CASE REPORT

TRANSPLANT PATHOLOGY UPDATES. 10TH ANNUAL SCIENTIFIC MEETING COLLEGE OF PATHOLOGISTS, ACADEMY OF MEDICINE MALAYSIA

2011 PROCEEDING NON-INDEX MAIN AUTHOR

101. THE USE OF AUTOMATED RETICULOCYTE FRACTION IN PREDICTING BONE MARROW RECOVERY IN PATIENTS WITH ACUTE LEUKEMIA

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2011 PROCEEDING NON-INDEX MAIN AUTHOR

102. RAPID DETECTION OF ANEUPLOIDIES IN AMNIOTIC FLUID BY MULTIPLEX LIGATION DEPENDENT PROBE AMPLIFICATION

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2011 PROCEEDING NON-INDEX MAIN AUTHOR

103. DELIVERY OF ERYTHROPOIETIN IN A MOUSE MODEL BY NUCLEOFECTED HUMAN ADULT STROMAL CELLS USING MIDGE VECTOR

THE IXTH MALAYSIAN NATIONAL HAEMATOLOGY SCIENTIFIC MEETING

2011 PROCEEDING NON-INDEX CO-AUTHOR

104. THE PREVALENCE OF HAEMOGLOBIN E AMONG BLOOD DONORS WITH NORMAL RED CELL INDICES AND THE INTERACTION WITH ALPHA THALASSAEMIA

THE IXTH MALAYSIAN NATIONAL HAEMATOLOGY SCIENTIFIC MEETING.

2011

PROCEEDING

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CO-AUTHOR

PUBLICATION

105. 1. ISLAM DAN PENJAGAAN KESIHATAN SIRI 1. GAYA HIDUP SIHAT. PENERBIT USIM. NILAI.

2011 BOOK CO-AUTHOR

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15. AHLI PANEL PENASIHAT , KAJIAN MULTICENTRE STUDY FPB/ HB ANALYSIS FOR MALAYSIAN POPULATION (2012)

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16. AHLI PANEL PENASIHAT,MALAYSIAN STANDARDS FOR MOLECULAR DIAGNOSTRIC TECHNIQUES BAGI ISO 15189, STANDARDS MALAYSIA

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32. VISITING PROFESOR

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