TABLE OF CONTENTS

	PAGE
ACKNOWLEDGEMENT	iii
ABSTRACT	iv
LIST OF TABLES	xiii
LIST OF FIGURES	xiv
ABBREVIATIONS	xvii
CHAPTER I: INTRODUCTION	
1.1 Statement of problems	1
1.2 Literature review	5
1.2.1 Cancer	5
1.2.1.1 Genes involved in human cancer	6
1.2.1.2 Causes of cancer	10
1.2.2 Leukemia	16
1.2.2.1 Classification of leukemia	17
1.2.2.2 Cause of leukemia	37
1.2.2.3 Genes involved in leukemia	42
1.2.2.4 Leukemic cell lines	44
1.2.3 Wilms' tumor1 (WT1) gene and its product (WT1 protein)	45
1.2.3.1 Expression of WT1 gene in normal and malignant	50
TEMPLE THE THE STATE OF THE STA	
1.2.3.2 Expression of WT1 gene in normal and malignant	51
hemopoietic cells and Mai Univer	
1.2.4 Turmeric curcuminoids	52
1.3 Objectives S M U S M E S E M	63
CHAPTER II: MATERIALS AND METHODS	
2.1 Chemicals and reagents	64
2.2 Cell and cell culture condition	64
2.3 Turmeric curcuminnoid extracts	64

2.4 Turmeric curcuminoids treatment	64
2.5 3-(4, 5-dimethylthiazol-2-yl)-2, 5-diphenyltetrazolium bromide (MTT)	65
assay	
2.6 Preparation of total RNA extract	65
2.6.1 Total RNA extraction	65
2.6.2 Measurement of purity and concentration of total RNA extract	66
2.7 Effect of turmeric curcuminoids on WT1 gene expression	67
2.8 Preparation of nuclear membrane protein extract for WT1 protein measurement	68
2.8.1 Nuclear membrane protein extraction	68
2.8.2 Measurement of protein concentration	68
2.9 Protein determination by SDS-PAGE, Western blot analysis and ECL	70
detection	
2.9.1 Sodium dodecyl sulfate polyacrylamide gel electrophoresis	70
(SDS-PAGE)	
2.9.2 Western blot analysis and ECL detection for WT1 protein	71
detection	
2.9.3 Stripping method	72
2.9.4 Western blot analysis and ECL detection for GAPDH protein	72
detection	
2.10 Cytotoxicity of curcuminoids on leukemic cell lines by MTT assay	73
2.11 Determination of the levels of WT1 mRNA in leukemic cell lines	73
2.12 Determination of the levels of WT1 protein in leukemic cell lines	74
2.13 Effect of turmeric curcuminoids on WT1 gene expression	74
2.14 Effect of turmeric curcuminoids on WT1 gene expression in a dose	74
dependent manner	
2.15 Effect of turmeric curcuminoids on WTI gene expression in a time	75
dependent manner	
2.16 Effect of turmeric curcuminoids on WT1 protein expression	75

2.17 Effect of turmeric curcuminoids on WT1 protein expression in a dose	76
dependent manner	
2.18 Effect of turmeric curcuminoids on WT1 protein expression in a time	76
dependent manner	
2.19 Statistical analysis	76
CHAPTER III: RESULTS	
3.1 Cytotoxicity of turmeric curcuminoids on leukemic cell lines	78
3.2 Level of WT1 gene expression in leukemic cell lines	78
3.3 Effect of turmeric curcuminoids on K562 cell line	84
3.3.1 Effect of turmeric curcuminoids on K562 cell morphology	84
and viability	
3.3.2 Effect of curcuminoids derivatives on WT1 gene expression	84
in K562 cell line	
3.3.3 Effect of concentration of pure curcumin on WT1 gene	87
expression in K562 cell line	
3.3.4 Effect of duration of pure curcumin treatments on WTI gene	87
expression in K562 cell line	
3.4 Effect of turmeric curcuminoids on U937 cell line	92
3.4.1 Effect of turmeric curcuminoids on U937 cell morphology	92
and viability	
3.4.2 Effect of curcuminoids derivatives on WT1 gene expression	92
in U937 cell line	
3.4.3 Effect of concentrations of pure curcumin on WT1 gene	95
expression in U937 cell line	
3.4.4 Effect of duration of pure curcumin treatments on WTI gene	95
expression in U937 cell line	
3.5 Effect of turmeric curcuminoids on HL-60 cell line	100
3.5.1 Effect of turmeric curcuminoids on HL-60 cell morphology	100
and viability	

3.5.2 Effect of curcuminoids derivatives on WTI gene expression	100
in HL-60 cell line	
3.5.3 Effect of concentrations of pure curcumin on WT1 gene	103
expression in HL-60 cell line	
3.5.4 Effect of duration of pure curcumin treatments on WT1 gene	103
expression in HL-60 cell line	
3.6 Effect of turmeric curcuminoids on Molt4 cell line	108
3.6.1 Effect of turmeric curcuminoids on Molt4 cell morphology	108
and viability	
3.6.2 Effect of curcuminoids derivatives on WT1 gene expression	108
in Molt4 cell line	
3.6.3 Effect of concentrations of pure curcumin on WT1 gene	111
expression in Molt4 cell line	
3.6.4 Effect of duration of pure curcumin treatments on WT1 gene	111
expression in Molt4 cell line	
3.7 Level of WT1 protein in leukemic cell lines	116
3.8 Effect of curcuminoids on WT1 protein level in K562 cell line	116
3.8.1 Effect of curcuminoids derivatives on WT1 protein level in	116
K562 cell line	
3.8.2 Effect of concentrations of pure curcumin on WT1 protein	119
level in K562 cell line	
3.8.3 Effect of duration of pure curcumin treatments on WT1 protein	119
level in K562 cell line	
3.9 Effect of curcuminoids on WT1 protein level in Molt4 cell line	122
3.9.1 Effect of curcuminoids derivatives on WT1 protein level in	122
Molt4 cell line	
3.9.2 Effect of concentrations of pure curcumin on WT1 protein	124
level in Molt4 cell line	
3.9.3 Effect of duration of pure curcumin treatments on WT1 protein	124
level in Molt4 cell line	

CHAPTER IV: DISCUSSION	127
CHAPTER V: CONCLUSION	133
REFERENCES	135
APPENDIX	164
CIRRICULUM VITAE	180

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LIST OF TABLES

TABLE	PAGE
1. Some examples of proto-oncogenes and their products	7
2. Some tumor-suppressor genes and their related cancer	9
3. Some examples of inherited cancer syndromes	11
4. Some well-known chemical carcinogen from the IARC Monograph	12
Databases	
5. Human oncoviruses and their associated human cancers	15
6. Factors proposed to play a role in leukemogenesis	16
7. The FAB classification of AML	20
8. The MIC classification of AML	21
9. The WHO classification of AML	22
10. The FAB criteria for the subtypes of ALL	28
11. The WHO classification of ALL	28
12. Criteria for accelerated and blast crisis phase of CML	32
13. The clinical features in Rai and Binet staging	36
14. Risk factors for hematopoietic neoplasia	37
15. Some characteristics of leukemic cell lines	45
16. Curcuminoid contents in the rhizome of Curcuma species	55
17. The organic material that is found the turmeric rhizomes	56
18. Biological actions of curcuminoids	60
19. Preparation of bovine serum albumin standard solution	69
20. IC ₅₀ values of curcuminoids derivatives on cytotoxicity of leukemic	82
cell lines	
21. IC ₂₀ values of curcuminoids derivatives on cytotoxicity of leukemic	83
cell lines	

LIST OF FIGURES

FIGURE MAISING	PAGE
1. Schematic structure of WT1 mRNA and gene products with various	46
functional domains	
2. Structure of the WT1 protein	47
3. Schematic representation of the WT1 protein isoforms	49
4. A proposed scheme for regulation by WT1 in hemopoietic cells	53
5. A stemless rhizomatous of Curcuma longa	54
6. Chemical structure of pure curcumin, demethoxycurcumin, and	58
bisdemethoxycurcumin	
7. Standard curve of BSA	69
8. Cytotoxicity of curcuminoid mixture on leukemic cell lines	79
9. Cytotoxicity of pure curcumin on leukemic cell lines	80
10. Cytotoxicity of demethoxycurcumin on leukemic cell lines	81
11. Cytotoxicty of bisdemethoxycurcumin on leukemic cell lines	82
12. The WT1 and GAPDH mRNA levels in K562, U937, HL-60, and Molt4	83
13. K562 cell morphology after curcuminoid treatments	85
14. Analysis of the effect of curcuminoid extracts on WT1 mRNA level	86
in K562 cell line	
15. K562 cell morphology after pure curcumin treatment with 5, 10,	88
and 15 µM 1 1 2 9 9 1 9 1 9 1 1 2 1 2 1 2 1 2 1 2	
16. The WT1 mRNA levels in K562 cell line cultured in 5, 10, and 15 μM	89
of pure curcumin for 2 days Man Univer	
17. K562 cell morphology after treatment with 10 μM of pure curcumin	90
for 1, 2, and 3 days	
18. The WT1 mRNA levels in K562 cell line cultured in 10 μM of pure	91
curcumin for 1, 2, and 3 days	
19. U937 cell morphology of after curcuminoid treatments	93

20. Analysis of the effect of curcuminoid extracts on WT1 mRNA level	94
in U937 cell line	
21. U937 cell morphology after pure curcumin treatment with 5, 10,	96
and 15 μM	
22. The WT1 mRNA levels in U937 cell line cultured in 5, 10, and 15 μM	97
of pure curcumin for 2 days	
23. U937 cell morphology after treatment with 10 µM of pure curcumin	98
for 1, 2, and 3 days	
24. The WT1 mRNA levels in U937 cell line cultured in 10 μM of pure	99
curcumin for 1, 2, and 3 days	
25. HL-60 cell morphology after curcuminoid treatments	101
26. Analysis of the effect of curcuminoid extracts on WT1 mRNA level	102
in HL-60 cell line	
27. HL-60 cell morphology after pure curcumin treatment with 5, 10,	104
and 15 µM	
28. The WT1 mRNA levels in HL-60 cell line cultured in 5, 10, and 15 μM	105
of pure curcumin for 2 days	
29. HL-60 cell morphology after treatment with 10 µM of pure curcumin	106
for 1, 2, and 3 days	
30. The WT1 mRNA levels in HL-60 cell line cultured in 10 μM of pure	107
curcumin for 1, 2, and 3 days	
31. Molt4 cell morphology after curcuminoid treatments	109
32. Analysis of the effect of curcuminoid extracts on WT1 mRNA level	110
in Molt4 cell line	
33. Molt4 cell morphology after pure curcumin treatment with 5, 10,	112
and 15 µM Q h t S r e S e r V	
34. The WT1 mRNA levels in Molt4 cell line cultured in 5, 10, and 15 μM	113
of pure curcumin for 2 days	
35. Molt4 cell morphology after treatment with 10 µM of pure curcumin	114
for 1, 2, and 3 days	

36. The WT1 mRNA levels in Molt4 cell line cultured in 10 μM of pure	115
curcumin for 1, 2, and 3 days	
37. WT1 protein level in 4 types of leukemic cell line cultured in RPMI	117
1640 medium	
38. Analysis of the effect of curcuminoid extracts on WT1 protein level	118
K562 cell line	
39. The WT1 protein level in K562 cell line cultured in 5, 10, and 15 μM	120
of pure curcumin for 2 days	
40. The WT1 protein level in K562 cell line cultured in $10\mu\text{M}$ of pure	121
curcumin for 1, 2, and 3 days	
41. Analysis of the effect of curcuminoid extracts on WT1 protein level	123
Molt4 cell line	
42. The WT1 protein level in Molt4 cell line cultured in 5, 10, and 15 μM	125
of pure curcumin for 2 days	
43. The WT1 protein level in Molt4 cell line cultured in 10 μM of pure	126
curcumin for 1, 2, and 3 days	
44. Molecular structure of curcumin	130

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ABBREVIATIONS

% Percent °C Degree Celsius Microgram μg Microlitre μL μM Micromolar amino acid aa Acute lymphocytic leukemia **ALL** AML Acute myelogenous leukemia **AMLL** Acute mixed lineage leukemia **AMML** Acute myelomonocytic leukemia **APL** Acute promyelocytic leukemia BM Bone marrow bp Base pair **BSA** Bovine serum albumin Cal Calorie CD Cluster of Differentiation CLL Chronic lymphocytic leukemia **CML** Chronic myelogenous leukemia **CNS** Central nervous system Carbon dioxide CO_2 **DEPC** Diethyl pyrocarbonate Decilitre dL **DMSO** Dimethyl sulfoxide Deoxyribonucleic acid DNA **EBV** Epstein-Barr virus

Enhanced chemiluminescence

exempli gratia (for example)

Enzyme linked immunosobent assay

ECL

e.g.

ELISA

xviii

et al et alii (and others) **FAB** French-American-British **FBS** Fetal bovine serum Gram g **GAPDH** Glyceraldehyde-3-phosphate dehydrogenase h Hour N-2-hydroxyethylpiperazine-N-2-**HEPES** ethanesulfonic acid HIV Human immunodeficiency virus HL-60 Human promyeloid leukemia HLA Human leukocyte antigen **HNPCC** Hereditary non-polyposis colorectal cancer syndrome **HPV** Human papilloma virus **IARC** International Agency for Research on Cancer IC_{20} Inhibitory concentration at 20% growth IC_{50} Inhibitory concentration at 50% growth i.e. id est (that is) IgG Immunoglobulin G kb Kilobase kDa Kilodalton Kilogram KTS Lysine-threonine-serine LAP Leukocyte alkaline phosphatase K562 Human erythroid leukemia

Milligram

Morphologic-immunologic-cytogenetic

mg MIC min Minute

mL Millilitre

Molt4 Human lymphoblastic leukemia

MPO Myeloperoxidase

mRNA Messenger ribonucleic acid

MTT 3-(4, 5 dimethylthiazole-2yl)-2, 5

Diphenyltetrazolium bromide

NADH Nicotinamide adenine dinucleotide

NK cell Natural killer cell

nm Nanometre

OD Optical density

PAS Periodic acid shift

PBS Phosphate buffer saline

PCR Polymerase chain reaction

PLL Prolymphocytic leukemia

ppm Parts per million
RNA Ribonucleic acid

rpm Revolution per minute

RPMI 1640 medium Roswell Park Memorial Institute 1640

medium

RT-PCR Reverse transcriptase polymerase chain

Reaction

SBB Sudan Black B

SD Standard deviation

SDS-PAGE Sodium dodecyl sulfate-polyacrylamide

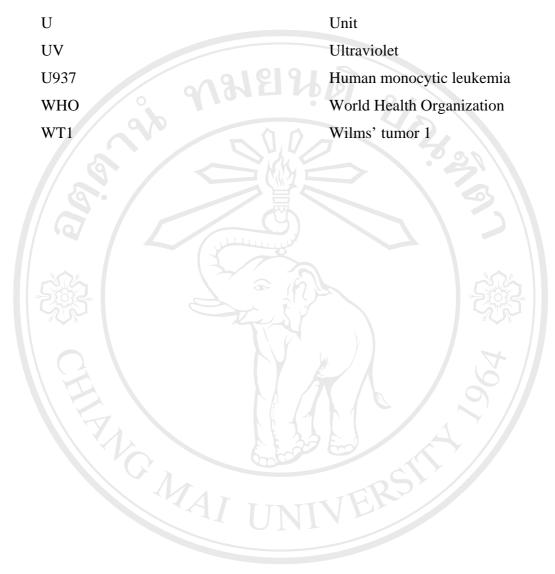
gel electrophoresis

sec Second

TAE Tris acetate EDTA

TdT Terminal deoxynucleotidyl transferase

TEMED N, N, N, N, -tetramethyl ethylene diamine



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