

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



جامعة عين شمس

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Role of Long Non Coding RNA in Prognosis of Acute Myeloid Leukemia

A Thesis

“Submitted for the degree of Science as a partial fulfillment for requirements of Master of Science”

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DEDICATION

TO MY FAMILY

SPECIAL DEDICATION FOR ALL MY
FAMILY ESPECIALLY MY FATHER AND
MY MOTHER

ALSO MY HUSBAND AND MY SONS
FOR THEIR CONTINUED SUPPORT AND
ENCOURAGEMENT THROUGHOUT MY
WORK JOURNEY

List of abbreviations and symbols

Abbreviations	Titles
ALL	Acute Lymphocytic Leukemia
AML	Acute Myeloid Leukemia
APL	Acute Promyelocytic Leukemia
ATRA	All-Trans Retinoic Acid
ASOs	Antisense Oligo Nucleotides
CEBP α	CCAAT/Enhancer-Binding Protein α
CLL	Chronic Lymphocytic Leukemia
CML	Chronic Myelogenous Leukemia
CD	Common Differentiation Markers
CR	Complete Remission
CBF	Core-Binding Factor (CBF)-AML
EGFRP	Epidermal Growth Factor Receptor
FLT3	Fms-Like Tyrosine Kinase 3
FAB	French-American-British
GIST	Gastrointestinal Stromal Tumor
Hh	Hedgehog
HCC	Hepatocellular Carcinoma
<i>HER2</i>	Human Epidermal Growth Factor Receptor 2
HIV	Human Immunodeficiency Virus
HLA-DR	Human Leukocyte Antigen D Related
ITD	Internal Tandem Duplication
ICCs	Interstitial Cells Of Cajal
HOTAIR	lncRNA <i>Homeobox</i> Transcript Antisense RNA
HULC	lncRNA Highly Upregulated in Liver Cancer
MALAT1	lncRNA Metastasis-Associated Lung Adenocarcinoma Transcript 1
TERC	lncRNA Telomerase RNA Component
LIPCAR	lncRNA uc022bqs.1
Gas5	lncRNAs Growth Arrest-Specific Transcript 5
lncRNA	lncRNAs p53-Induced Noncoding RNA
PINCR	P53-Induced Noncoding RNA
NTT	lncRNAs Transcript In CD4 1 T Cells LncRNAs
lncRNA Xist	lncRNAs X-Inactivation-Specific Transcript
lncRNAs	Long Non-Coding RNAs
LSD1	Lysine-Specific Demethylase 1
miRNAs	Mature MicroRNA Molecules
MRD	Minimal Residual Disease
miRISC	Mirna-Induced Silencing Complex
NGS	Next-Generation Sequencing

NPM1	Nucleoplasmin 1
PTEN	Phosphatase and Tensin Homolog Deleted on Chromosome Ten
piRNAs	Piwi-Interacting RNA
PRC2	Polycomb Repressive Complex 2
qPCR	Quantitative Polymerase Chain Reaction
qPCR	Quantitative Real-Time Polymerase Chain Reaction
qRT-PCR	Quantitative Reverse Transcription PCR
RTK	Receptor Tyrosine Kinase
RFS	Relapse-Free Survival
siRNAs	Small Interfering RNA
TdT	Terminal Deoxynucleotidyl Transferase
WHO	The World Health Organization
UCB	Urothelial Carcinoma of The Bladder

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