



**Sudan University of Science And Technology**  
**College of Graduated Studies**

**Prevelance of Polymorphism at the 5' Promoter  
Region Of CYP3A5  
Gene In Acute Lymphoblastic Leukemia Patients In  
Gaza Strip**

**A Thesis  
Submitted In Fulfillment OF The Requirement For  
The Degree Of Master Of Medical Technology  
Hematology**

**By  
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بسم الله الرحمن الرحيم

﴿ وَقُلْ رَبِّ زِدْنِي عِلْمًا ﴾

صدق الله العظيم

صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ: { حضور  
مجلس علم أفضـل من ألف  
ركعة، وعيادة ألف مريض ،  
وشهود ألف جنازة }

صدق رسول الله

# **Dedication**

**I wish to dedicate this  
humble work to my  
parents.**

# **Chapter One**

# **Introduction**

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