



## بسم الله الرحمن الرحيم

## Sudan University of Science and Technology College of Graduate Studies

## Prothrombin Gene Mutation and Coagulation Profile as Indicators of Deep Vein Thrombosis Among Patients with Thromboembolism, Khartoum state

طفرة البروثرومبين واختبارات التجلط كمؤشرات للجلطات الوريدية العميقة في مرضى الجلطات الدموية

A Dissertation Submitted in Partial Fulfillment For the Requirements of MSc. Degree (Honor) in Medical Laboratory Science Department of Hematology and Immunohematology

## **Submitted by:**

Manal Eltayeb Aldow Abdallah

B.Sc. Medical Laboratory Science, SUST

Supervisor:

Professor. Babikir Ahmed Mohammed College of Medicine, Karary University January 2019