

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

# Detection of William's Tumor 1 gene Mutation in Sudanese patients with Acute Myeloid Leukaemia.

الكشف عن الطفرة الجينية لجين ورم ويليام واحد لدي السودانيين المصابين بسرطان الدم الحاد By:

#### Amr Abdelazim Abdelrhman Ahmed

B.Sc. In Medical Laboratory Sciences – Omdurman Ahlia University 2007Post graduate higher diploma – Alzaiem Alazhari University - 2009

### **Supervisor**

#### Dr. Malik Hassan Ibrahim Elfadni

Assis. Professor of Hematology, Taif University (KSA)

A thesis submitted for fulfillment for requirement of MSc degree in hematology and immunohematology