

بسم الله الرحمن الرحيم  
**Sudan University of Science & Technology**  
**College of Graduate Studies**

**Frequency of Red Cell Disorders among Sudanese  
Pregnant Women in River Nile State**

تردد إعتلال خلايا الدم الحمراء لدى السودانيات الحوامل في  
ولاية نهر النيل

**A thesis submitted in fulfillment for the  
requirement of master degree in hematology&  
Immunohematology**

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