

بسم الله الرحمن الرحيم

**Sudan University of Science and Technology**

**College of Graduate Studies**

**C-reactive protein level as marker for vaso-  
occlusive crisis in patients with sickle cell anemia  
At North Kordofan State- Sudan**

مستوي بروتين سي التفاعلي كمؤشر لأزمات الاوعية الانسدادية في مرضى الأنيميا  
المنجليه بولاية شمال كردفان

**A dissertation Submitted In partial Fulfillment For the requirement of  
M.Sc. Degree in Medical laboratory Science (Hematology and  
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**By:**

**Jowaireia Gaber Albasheer AL Hassan**

**B.Sc. in Medical Laboratory Sciences**

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**Supervisor:**

**Prof. Sana El Tahir Abdalla**

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