

بسم الله الرحمن الرحيم

Sudan University of Science and Technology

College of Graduate Studies

**Association of Integrin Alpha 2 C807T and L-Selectin P213S Alleles
Polymorphism with Clinical Severity of Sickle Cell Disease among Sudanese
Patients**

العلاقة بين تعدد أشكال البدائل الجينية للإنترغرين ألفا 2 C807T وال-سيلكتين P213S مع شدة الحالة
السريرية للأنيميا المنجلية لدى المرضى السودانيين

A thesis submitted in fulfillment of the requirement for the degree of Ph.D.
in Medical Laboratory Sciences (Hematology and Immunohematology)

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