



**Sudan University of Science and Technology**  
**College of graduate Studies**

**Determination of frequency and type of Red blood cells Allo-antibodies in multi-transfused Sudanese patients in Khartoum state.**

تحديد تردد الأجسام المضاده المكتسبة لل المستضدات الموجودة على كريات الدم الحمراء ونوعها لدى المرضى السودانيين متعددي نقل الدم بولاية الخرطوم.

Thesis submitted in partial fulfillment for the requirements of M.S.c. in medical laboratory science (hematology and immunohematology)

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