

بسم الله الرحمن الرحيم



Sudan University of Science & Technology

College of Graduate Studies and Scientific Research

**Changes in Serum Iron, Total Iron Binding Capacity and  
Transferrin Saturation Percent in Sudanese Females Newly  
Diagnosed With Breast Cancer - Khartoum State**

التغيرات في حديد المصل، السعة الكلية لارتباط الحديد ونسبة تشبع الترانسفيرين في  
النساء السودانيات المصابات حديثا بسرطان الثدي - ولاية الخرطوم

A dissertation Submitted in partial fulfillment for the degree of M.Sc in  
Hematology and Immunohematology

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