

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Sudan University of Science and Technology

College of Graduate Studies

**Detection of BK Polyomavirus among Sudanese Renal Transplantation
Recipients Using Cytological and Molecular Techniques**

**الكشف عن فيروس بي كي بوليوما لدى زارعي الكلى السودانيين باستخدام التقنيات الخلوية
والجزئية**

**A thesis submitted in fulfillment for the requirements of M.Sc degree in medical laboratory
science (histopathology and cytology)**

By:

Otba Mustafa Omer Hassan

B.Sc. Medical Laboratory Science, University of Science and Technology 2008

Supervised by:-

Dr: Magdi Mansour A.salih

Co – supervisor:-

Dr. Mohamed Siddig A. Elaziz