

بسم الله الرحمن الرحيم

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

**Molecular Diagnosis and Characterization  
of *Malassezia* species Isolated from Patients  
with Pityriasis versicolor and Healthy  
Individuals in Sudan**

التشخيص والتميز الجزيئي لفطر الوبغياء المعزول من المرضى المصابين  
بداء النخالية المبرقشة والأشخاص الأصحاء في السودان

A thesis submitted in fulfillment for the requirements of Ph. D degree  
in Medical Microbiology

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