



بسم الله الرحمن الرحيم



Sudan University of Science and Technology

College of Graduate Studies

**Detection of Extended Spectrum Beta-lactamases
among Bacteria Isolated from Patients in El Hawata
Rural Hospital**

الكشف عن انزيمات البيبتلاكتام واسعة الطيف عند الباكثيريا المعزولة من
المرضى بمستشفى الحوارة الريفي

A dissertation submitted in partial fulfillment for the requirements of M.Sc.
degree in Medical Laboratory Science (Microbiology)

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