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

**Molecular Detection of Extended-spectrum Beta-lactamase  
Genes in *Salmonella paratyphi C* Isolated from Clinical  
Specimens**

**الكشف الجزيئي عن جينات انزيمات بيتا لاكتام  
الممتدة الطيف في السلمونية النظيرة التيفية ج**  
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**A dissertation submitted in partial fulfillment for the  
requirements of M.Sc. in Medical Laboratory Science  
(Microbiology)**

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