



*Sudan University of Science and Technology*

*College of Engineering*

*Biomedical Engineering Department*

**INVASIVE / NON-INVASIVE SYSTEM FOR  
DETECTING MALARIA PARASITE**

**نظام الكشف عن طفيل الملاريا بالحقن أو بدون حقن**

*Submitted in partial fulfillment of the requirement  
of B.Sc. (honor) Degree in Biomedical Engineering*

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