



كلية الدراسات العليا

**Sudan University of Science and  
Technology**



**College of Graduate Studies**

# **The effect of Estradiol Benzoate Injection on some Blood Constituents and Prostate Gland Tissue for Intact and Castrated Male Rabbits**

تأثير حقن الاستراديول بنزويت علي بعض مكونات الدم ونسيج غدة البروستات  
لذكور الارانب غير المخصيه والمخصيه

**By**

**Elkhier Tamour Ahmed Tamour**

**B.V.Sc.(2008). University of Nyala**

**M.V.Sc, (2012). Sudan University of Science and Technology**

*A Thesis Submitted In Fulfillment of the Requirements for the Degree of  
Philosophy of Doctorate(PhD) in Animal Physiology*

**Supervisor:** Associated Prof. Shams-Eldein Hassaballa Ahmed

**Co-Supervisor:** Prof. Shadia Abdoelatti Omer

**February 2017**