

Sudan University of Science & Technology
College of Graduate Studies

**Ovulation induction & Insemination with fresh Semen in the One -
Humped camel (*Camelus dromedaries*) in non – breeding season**

**حث التبويض و التلقيح بواسطة السائل المنوي الطازج في الإبل وحيدة السنام
خارج موسم التزاوج**

By

LOGMAN ABDALLAH AHMED ABDALLAH

A Thesis Submitted to the College of Graduate Studies

To fulfillment of the Requirements for the Degree of

DOCTOR OF PHILOSOPHY

In

ANIMAL REPRODUCTION PHYSIOLOGY

Supervisor:

Prof. Abdel Aziz Makkawi Abdel Rahman

Co supervisor:

Prof. Yahia Mohamed Hassan

External Supervisor

Dr. Julian (Lulu) A. Skidmore

May 2015

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