

بسم الله الرحمن الرحيم

Sudan University of Science and Technology
College of Graduate Studies

**Trials on the Use of Gum Arabic for the Control of
Experimentally Induced Hyperlipaemia in Donkeys**

(Equus asinus asinus)

تجارب علي استخدام الصمغ العربي في السيطرة علي ارتفاع الدهون في الدم المحدث تجريبيا

في الحمير

A thesis submitted in fulfillment of the requirement of the Graduate
College for M.V.M. degree in (Pharmacology)

By

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الآية

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قال تعالى:

﴿إقرأ باسم ربك الذي خلق﴾ ﴿خلق الإنسن من علق﴾ ﴿إقرأ وربك

الأكرم﴾ ﴿الذي علم بالقلم﴾ ﴿علم الإنسن ما لم يعلم﴾.

صدق الله العظيم

(سورة العلق الآيات من 1 الى 5)

DEDICATION

This work is dedicated with great love to:

The sole of my late father

My mother who dedicated her life to raise me

My lovely husband and my sweet daughters

DECLARATION

Here it is to declare that this research work entitled: Trials on the Use of Gum Arabic for the Control Treatment of Experimentally Induced Hyperlipemia in Donkeys (*Equus asinus asinus*) was carried out in the department of Veterinary Medicine and Surgery, College of Veterinary Medicine, Sudan University of Science and Technology under the supervision of Dr. Hisham Ismail Seri Farah

Published work

Part of this work was published as paper entitled:

1. Suleima M. A. Elmekki, H. I. Seri, A. O. Bakheit, A. G. A. Buldan (2014). Evaluation of Anti-hyperlipidaemic potential of Gum Arabic in experimentally induced hyperlipidaemia in donkeys. *SUST Journal of Agricultural and Veterinary Sciences*, **15**(1): 27-40