

**INTERACTIONS OF ETHANOL AND CHLOROQUINE IN PROTEIN-MALNOURISHED
MALE SPRAGUE DAWLEY RATS: HAEMATOLOGICAL, BIOCHEMICAL AND
TESTICULAR EFFECTS**

MBAJIORGU EJIKEME FELIX

INTERNAL SUPERVISOR: Prof. Marianne Alberts

EXTERNAL SUPERVISORS: Prof. T.A. Aire and Dr Wynand Vlok

**INTERACTIONS OF ETHANOL AND CHLOROQUINE IN PROTEIN-MALNOURISHED
MALE SPRAGUE DAWLEY RATS: HAEMATOLOGICAL, BIOCHEMICAL AND
TESTICULAR EFFECTS**

MBAJIORGU EJIKEME FELIX

Thesis presented for the degree of

DOCTOR OF PHILOSOPHY

in the Department of Medical Science

SCHOOL OF HEALTH SCIENCES, FACULTY OF HEALTH SCIENCES

UNIVERSITY OF LIMPOPO (*Turfloop Campus*)

INTERNAL SUPERVISOR: Prof. Marianne Alberts

EXTERNAL SUPERVISORS: Prof. TA Aire and Dr Wynand Vlok

2010



DECLARATION

In fulfillment of the requirements for the degree of Doctor of Philosophy (PhD) in the Department of Health Science, School of Health Sciences, Faculty of Health Sciences, University of Limpopo (*Turffloop Campus*), I hereby submit this thesis. This is an original work, designed and executed by me, and it has not previously been submitted by me for a degree at this or any other University.

Signed.....

Date.....