

**ISOLATION AND CHARACTERISATION OF A GALACTOSE-SPECIFIC  
LECTIN FROM MATURING SEEDS OF *Lonchocarpus capassa* AND  
MOLECULAR CLONING OF THE LECTIN GENE**

by

**NKATEKO NHLALALA MASINGI**

**RESEARCH DISSERTATION**

Submitted in fulfillment of the requirements for the degree of

**MASTER OF SCIENCE**

in

**MICROBIOLOGY**

in the

**FACULTY OF SCIENCE & AGRICULTURE  
(School of Molecular & Life Sciences)**

at the

**UNIVERSITY OF LIMPOPO**

**SUPERVISOR : Prof I Ncube**

**CO-SUPERVISOR : Dr KLM Moganedzi**

**2010**