



**Identification and Characterisation of Mitogen
Activated Protein Kinases in Leaf Tissue of
Nicotiana tabacum in Response to Elicitation
by Lipopolysaccharides**

by

Lizelle Ann Piater

Thesis

submitted in fulfilment of the
requirements for the degree of

Philosophiae Doctor
(Biochemistry)

in the
Faculty of Science
at the
RAU University

December 2002

Promotor:
Prof. I.A. Dubery