

THE ROLES OF THE MITOGEN-ACTIVATED PROTEIN
KINASE (MAPK) PATHWAYS AND CELL WALL REMODELING
IN RESPONSE TO ETHANOL STRESS IN SACCHAROMYCES
CEREVISIAE

NISARUT UDOM

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Thesis
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.....
Miss Nisarut Udom
Candidate

.....
Lect. Choowong Auesukaree,
Ph.D.(Biotechnology)
Major advisor

.....
Lect. Tavan Janvilisri,
Ph.D. (Pharmacology)
Co-advisor

.....
Lect. Amornrat Naranuntarat Jensen,
Ph.D.(Toxicology)
Co-advisor

.....
Prof. Banchong Mahaisavariya,
M.D., Dip Thai Board of Orthopedics
Dean
Faculty of Graduate Studies
Mahidol University

.....
Assoc. Prof. Prayad Pokethitiyook,
Ph.D.(Chemical Engineering)
Program Director
Master of Science Program in
Environmental Biology
Faculty of Science , Mahidol
University

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on
May 19, 2011

.....
Miss Nisarut Udom
Candidate

.....
Asst. Prof. Chulee Yompakdee,
Ph.D.(Biotechnology)
Chair

.....
Lect. Choowong Auesukaree,
Ph.D.(Biotechnology)
Member

.....
Lect. Amornrat Naranuntarat Jensen,
Ph.D.(Toxicology)
Member

.....
Lect. Tavan Janvilisri,
Ph.D. (Pharmacology)
Member

.....
Prof. Banchong Mahaisavariya,
M.D., Dip Thai Board of Orthopedics
Dean
Faculty of Graduate Studies
Mahidol University

.....
Prof. Skorn Mongkolsuk,
Ph.D. (Biological Science)
Dean
Faculty of Science
Mahidol University

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