

**CYTOTOXICITY, ANTIMUTAGENICITY AND INHIBITORY EFFECT ON  
MORPHOLOGICAL CHANGES OF CULTURED CELL INDUCED  
BY UV OF THAI MEDICINAL PLANT EXTRACTS**

**WIJITTRA NITTAYAJAIPROM**

**MASTER OF SCIENCE  
IN CHEMISTRY**

**ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่**

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**THE GRADUATE SCHOOL  
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**FEBRUARY 2012**

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**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
MASTER OF SCIENCE  
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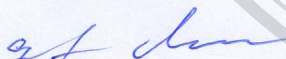
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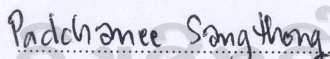
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THIS THESIS HAS BEEN APPROVED  
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS  
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IN CHEMISTRY

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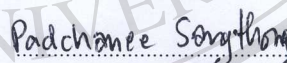
  
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21 February 2012

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## ACKNOWLEDGEMENTS

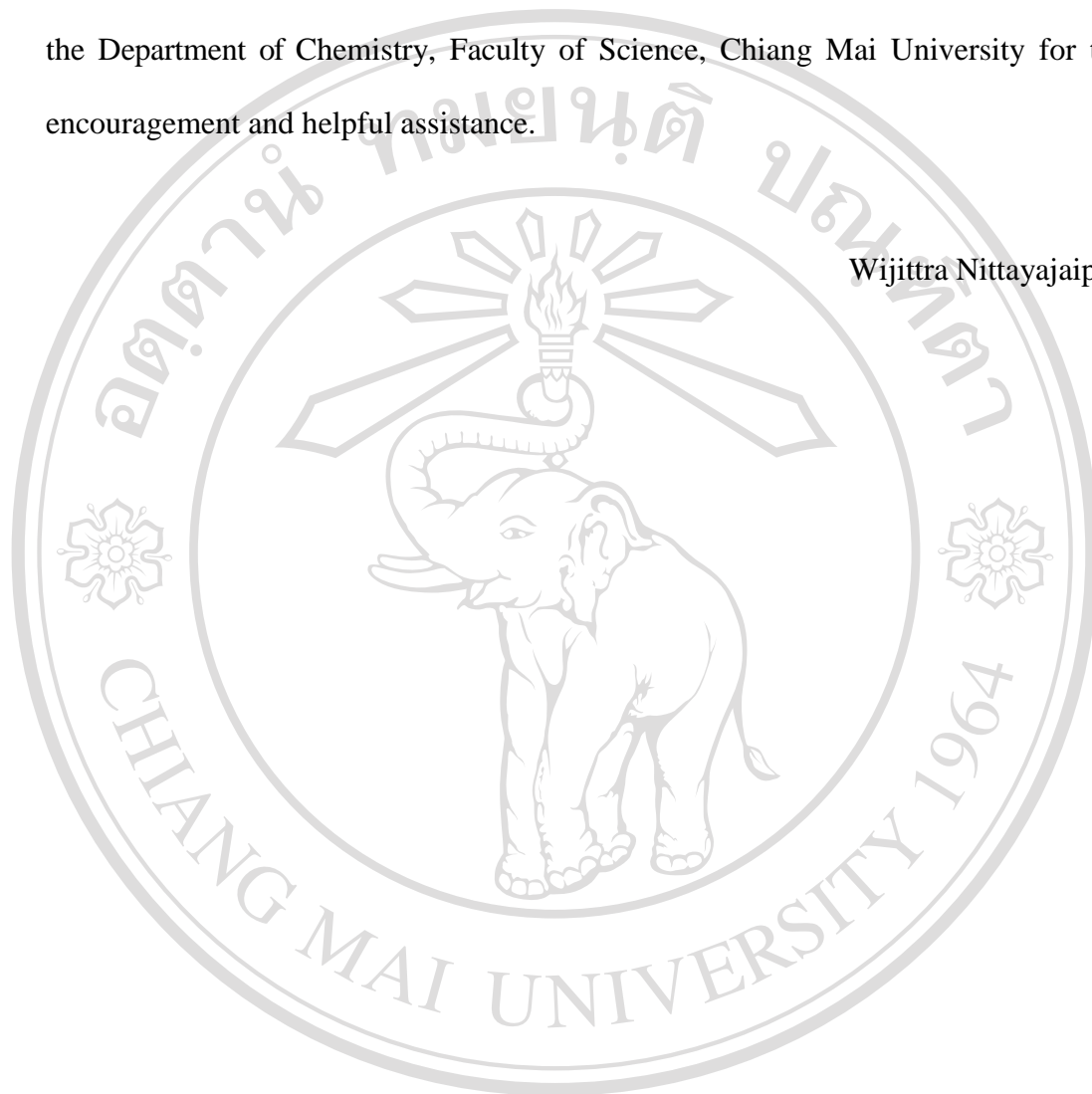
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Wijitra Nittayajairom



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