

## **CURRICULUM VITAE**

### **NAME**

Mrs. Orana Rattanabumrung

### **DATE OF BIRTH**

18 June 1987

### **EDUCATIONAL RECORD**

#### **HIGH SCHOOL**

Kanlayanee Si Thammarat School, 2005

#### **BACHELOR'S DEGREE**

Bachelor of Engineering

(Food Engineering)

King Mongkut's Institute of Technology

Ladkrabang, 2009

#### **MASTER'S DEGREE**

Master of Engineering (Food Engineering)

King Mongkut's University of Technology

Thonburi, 2012

### **SCHOLARSHIP/**

Food Engineering Scholarship, 2010-2011

### **RESEARCH GRANT**

The Thailand Research Fund-Master

Research Grants (TRF-MAG Window I)

2554

### **PUBLICATIONS**

Rattanabumrung O., Sangadkit W.,  
Supanivatin, P. and Thipayarat A., 2012,  
Visual improvement of colony  
detectability for high-throughput total plate  
count protocol, **Proceedings of The 23<sup>rd</sup>  
Annual Meeting of the Thai Society of  
Biotechnology Systems Biotechnology**,  
pp. 31-32.

Sangadkit W., Rattanabumrung O. and Thipayarat, A., 2012, Effect of substrate dilution and nutrient limitation on *E. coli* growth using Chromocult® Coliform Agar. **Proceedings of The 23<sup>rd</sup> Annual Meeting of the Thai Society of Biotechnology Systems Biotechnology**, pp. 29-30.

Rattanabumrung O., Sangadkit W., Supanivatin, P. and Thipayarat A., 2012, Kinetics of *E.coli* colony area expansion and color development in Chromocult® Coliform Agar (CCA) under different incubation conditions. **3<sup>rd</sup> International Science, Social Science, Engineering and Energy Conference**, pp. 21.

Sangadkit W., Rattanabumrung O., Supanivatin, P. and Thipayarat A., 2012, Practical coliforms and *Escherichia coli* detection and enumeration for industrial food samples using low cost digital microscopy. **3<sup>rd</sup> International Science, Social Science, Engineering and Energy Conference**, pp. 20.