

RATAPORN LIN

1377/607 Rhythm Phahon-Ari, Phahonyothin

Tel. +668 6554 0929

Road, Samsen Nai, Phaya Thai, Bangkok 10400,

E-mail: ratapohnlin@gmail.com

Thailand

EDUCATION

2011-2014: Mahidol University, Faculty of Science, Department of Plant Science, Bangkok, Thailand

- Master of Science in Plant Science (International Program), GPA 3.75/4.00

2007-2011: Silpakorn University, Faculty of Science, Department of Biology, Nakhon Pathom, Thailand

- Bachelor of Science in Biology (2nd class honors), GPA 3.55/4.00

HONORS AND AWARDS

2014: The Joint Symposium on Frontier Research in Biodiversity and Agricultural Resources at Faculty of Science, Mahidol University

- Won a honourable prize of a poster award in The Joint Symposium on Frontier Research in Biodiversity and Agricultural Resources at Faculty of Science, Mahidol University

2011: Development and Promotion of Science and Technology Talent Project (DPST) Scholarship awarded by The Institute for the Promotion of Teaching Science and Technology (IPST)

- Won a three-year full scholarship to study M.Sc. (Plant Science) at Mahidol University

2011: Second class honors (B.Sc., Biology), Silpakorn University

2007: Development and Promotion of Science and Technology Talent Project (DPST) Scholarship awarded by The Institute for the Promotion of Teaching Science and Technology (IPST)

- Won a four-year full scholarship to study B.Sc. (Biology) at Silpakorn University

RESEARCH AND INTEREST

Molecular biology in plant

- Gene expression analysis under hormone stimulation
- DNA-protein interaction

RESEARCH EXPERIENCE

January 2014- June 2014: Internship project: PIAF laboratory, Blaise Pascal University, France

October 2012- December 2014: M.Sc. Thesis project: Department of Plant science, Faculty of Science, Mahidol University

June 2010-February 2011: Undergrad Senior Project: Faculty of Pharmacy, Silpakorn University

PUBLICATION

➤ **Proceeding**

Lin, R., Rotchanapreeda, T., Poosaran, K., Vinijsanun, T., Viboonjun, U., Narangajavana, J., et al. Cloning and Characterization of an α -amylase gene in Rubber Tree (*Hevea brasiliensis*). In: The 10th Kasetsart University Kamphaengsaen Campus Conference, Kasetsart University, Kamphaengsaen, Nakhon Pathom, Thailand. December, 6-7, 2013. 33-40.

➤ **Presentation**

• **Oral presentation**

Lin, R., Nattapulwat, N. & Rabablert, J. Antioxidant activity of mung bean sprouts from different strains. In: The 4th Congress on Science and Technology of Thailand for Youth. Bangkok International Trade & Exhibition Centre (BITEC), Bangkok, Thailand. March, 2009.

Lin, R., Rotchanapreeda, T., Poosaran, K., Vinijsanun, T., Viboonjun, U., Narangajavana, J., et al. Cloning and Characterization of an α -amylase gene in Rubber Tree (*Hevea brasiliensis*). In: The 10th Kasetsart University Kamphaengsaen Campus Conference, Kasetsart University, Kamphaengsaen, Nakhon Pathom, Thailand. December, 6-7, 2013.

• **Poster presentation**

Lin, R., Nattapulwat, N. & Rabablert, J. Antioxidant activity of mung bean sprouts from different strains. In: The 4th Congress on Science and Technology of Thailand for Youth. Bangkok International Trade & Exhibition Centre (BITEC), Bangkok, Thailand. March, 2009.

Lin, R., Rotchanapreeda, T., Poosaran, K., Vinijsanun, T., Viboonjun, U., Narangajavana, J., et al. Cloning and investigation of ethylene and tapping effect on α -amylase gene in rubber tree (*Hevea brasiliensis*). In: Joint symposium on Frontier Research in Biodiversity and Agricultural Resources. Mahidol University, Thailand, November, 2014.

STANDARDIZED TEST SCORE

- IELTS (August 3rd, 2013): Score 5/9 (Listening 4/9, Reading 5.5/9, Writing 5/9, Speaking 4.5/9)

LABORATORY SKILLS

Proteomics and bioinformatics

- Protein extraction, DNA-protein interaction
- Cloning and characterization of gene
- Multiple sequence alignment

Gene expression

- Quantitative real-time PCR

Cell culture

- Aseptic techniques for bacterial cell

Determination of total antioxidant activity

- Total phenolic content folin ciocalteu method and DPPH assay

Statistical analysis

- Parametric and non-parametric analysis