THAO DUC MAI

Mobile: 84 905861907 | Email: ducthaontu@gmail.com Address: 44/6 Biet Thu Street, Nha Trang City, Vietnam

EDUCATION



2013 – Present	Master of Science, majoring in Marine Biology		
	Institute of Marine Biology, National Taiwan Ocean University		
	Keelung City 202, Taiwan (R.O.C)		
	Language of instruction: English		
	Status: Completed		
	Master's thesis: "Influences of ambient ammonium and phosphate		
concentrations on the	expression of nutrient uptake genes in the marine diatom, Chaetoceros affinis"		

2004-2009Bachelor of Science, majoring in AquacultureInstitute of Aquaculture, Nha Trang UniversityNha Trang City, VietnamLanguage of instruction: VietnameseBachelor's thesis: "Isolating and maintaining a green marine algal species

Chlorella sp., for culturing of marine fishes"

EMPLOYMENT HISTORY

2009 – Present	Assistant Lecturer, Researcher	
	Institute of Aquaculture, Nha Trang University	
	Nha Trang City, Vietnam	

TECHNIQUES AND SKILLS

- Molecular biology

- Extraction DNA, RNA from microalgae
- DNA sequencing analysis
- Gene and recombinant DNA cloning, cloning full length genes by PCR, sub cloning to expression vectors
- Genomic PCR, RT-PCR

- Cell biology

- Cell fractionation by differential centrifugations, enumeration and identification of microalgae
- Microalgal isolations, primary cell culture, various environmental conditions in microalgal cultures, cryopreservation
- Maximum quantum efficiency measurement
- Optical and electron microscopes
- Yeast genetics
- *Environmental science*: hydrography parameters and nutrient concentration measurements
- *Computer software*: Microsoft Word, Excel, and Power Point, R, SPSS, SigmaPlot

AWARDS

- Won second prize in the 2014 MBI (Institute of Marine Biology) Academic Poster Competition

- Received 6 times encouraging study commendation at Nha Trang University

PUBLICATIONS AND POSTERS

1. **Thao, M. D.**, Hwang, H.-F & Chang, J. 2015. *Influences of ambient ammonium and phosphate concentrations on the expression of nutrient uptake genes in the marine diatom, Chaetoceros affinis.* Ocean Sciences Conference. Kaoshung City. Taiwan (R.O.C) (*Poster*)

2. **Thao, M. D.,** Hwang, H.-F & Chang, J. 2014. *The effect of N:P ratios on growth of the marine diatom Chaetoceros affinis in cultures*. Ocean Sciences Conference. Taipei City. Taiwan (R.O.C) (*Poster*)

3. Hung, L.V., Khuong, D.V., Phuoc, T.V and **Thao, M. D. 2010**. *Relative efficacies of lobsters* (*Panulirus ornatus and P. homarus*) cultured using pellet feeds and "trash" fish at Binh Ba Bay, Viet Nam. Aquaculture Asia Vol. XV, No. 3 July–September 2010, pp: 3-6

TRANINING COURSES

1. May 5-6, 2012. Political Analysis and Development Capacity for Agriculture and Fisheries to Adapt to Climate Changes and Integrated Period Based on Community Development for Young Lecturers from ViFINET. Hue City, Vietnam.

2. October 28 - 29, 2011. Research Writing. Nha Trang University, Nha Trang City, Vietnam.

3. May 3-5, 2011. Biotransformation Enzyme. Nha Trang University, Nha Trang City, Vietnam.

4. March 30 to April 4, 2011. Water Quality Management For Aquaculture. Buon Ma Thuot City, Dak Lak Province, Vietnam

RESEARCH PROJECTS

1. **2012** – **2013**. Building up Model of clam (*Meretrix lyrata* Sowerby, 1851) and tilapia (*Oreochromis niloticus*) growth to adapt climate change conditions in Quang Ninh province, Vietnam

Director: Dai Trong Vu

My responsibilities

Observed the hydrography and soil parameters Observed the enumeration and identification phytoplankton community

2. **2009** – **2011**. Food Production Technology For Lobster Culture (*Panulirus ornatus and P. homarus*)

Director: Hung Van Lai

My responsibilities: Observed the environmental parameters and nutrient concentrations

3. **2008** – **2009**. Isolation, maintenance and multiplying biomass of two benefit algal species (green and silic) in ecological-culture shrimp ponds in Nam Can and Ngoc Hien District, Ca Mau Province, Vietnam

Director: Bich-Mai Thi Hoang

My responsibilities: Isolated and maintained green marine algal species (*Chlorella* sp.) for marine aquaculture

REFEREES

Hung Quoc Pham, PhD	Long Ba Dam,	Jeng Chang, PhD
(Director)	(Teacher)	(Supervisor)
Institute of Aquaculture	Institute of Aquaculture	Institute of Marine Biology
Nha Trang University,	Nha Trang University,	National Taiwan Ocean
Vietnam	Vietnam	University, Taiwan (R.O.C)
(84) 1653757898	+886 983413719	886-2-2462-2191 ext 5308
pqhungait@yahoo.com	balonguof@gmail.com	jengchang@mail.ntou.edu.tw