Personal details

Thanh Tam Tran

Birth place: Quang Ngai – Vietnam

Born on October 10, 1986

Nationality: Vietnamese

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Scientific career

2004 – 2008 **Bachelor in Aquaculture** at Nha Trang University, Vietnam
Thesis: "Investigating culture techniques in intensive grow-out of Areola Babylon (*Babylonia areolata*, Link 1807) in pond"
Grade: Distinction (GPA: 7.8/10)

2011 – 2013 **Master of science in Aquaculture** at Gent University, Belgium
Thesis: "The use of poly-beta-hydroxybutyrate (PHB) to increase robustness in blue mussel larviculture"
Grade: Great Distinction (GPA: 746/1000)

2014 – Now **Doctoral of Science in Biology** at The Katholieke Universiteit Leuven
Topic: Effects of global warming and contaminants on aquatic animals

Teaching and research experience

2009 -2011 **Teaching assignments** at Nha Trang University
Responsible for the course: Morphology and Taxonomy of Crustaceans and Mollusks for the Bachelor program
Supervision of practical exercises for the course Morphology and Taxonomy of Crustaceans and Mollusks for the Bachelor program
Supervision of the technical practicum of aquaculture for bachelor students
Research
Participating in some research projects include:

1. Assessing the efficiency of three pellet foods: Nuri, Laone and Unione

manufactured by Unipresident Company on the growth, survival and food conversation ratio of white leg shrimp cultured in ponds.

2. Participating in some studies about broodstock management, breeding, larval rearing and grow-out of marine finfishes such as snubnose pompano (*Trachinotus bloochi*), red snapper (*Lutjanus argentimaculatus*), sea bass (*Lates calcarifer*) humpback grouper (*Cromileptes altivelis*) at Faculty of Aquaculture – Nha Trang University.

3. Investigating the techniques of larval culture of mollusk species, mainly blue mussel and giant outer clam.

2012 Participating in an internship on finfish broodstock management, breeding and larval rearing at SEAFDEC – Philippines

Attending conference and training programs

2009 The fifth National Mollusk Conference held in September, at Research Institute for Aquaculture No.3, Vietnam

2010 Application of Business Management Principles for Small Scale Aquaculture, at Nha Trang University, Vietnam

2011 The second national conference for young scientists in Aquaculture, Vietnam

2013 The sixth fish and shellfish larviculture symposium, Gent, Belgium

2014 The Eight International Symposium on "Eco-Evolutionary Dynamics" Urban Ecology and Evolution.

Scholarships

2007 Scholarship for excellent Bachelor students (Rencontres du Vietnam Organization)

2011 – 2013 Master Scholarship (Vlir-ous)

2013 Internship scholarship for Master student (Vlir-ous)

2014 Doctoral Scholarships provided by the Interfaculty Council for Development Cooperation (IRO)

Technical skills

- Brood stock management, spawning and larval rearing of many aquatic species such as marine finfish, black tiger shrimp, and white leg shrimp.

- Experimental set-up for mollusk, and shrimp larval culture.
- Laboratory techniques: Sandwich ELISA, Gel electrophoresis for PCR and Western blot, DNA extraction for PCR, DNA extraction for DGGE analysis, bacterial isolation and enumeration, quantification of the invertebrate immune system including cellular and humoral components such as lectins, lysozomal enzymes, phenoloxidase and antimicrobial peptides.

Publications

1. Hung N.V, **Tam T.T**, P. De Schryver, P. Bossier and N. Nevejan. Use of poly–β-hydroxybutyrate in bivalve larviculture, 2013. Larvi 2013- International conference, Gent, Belgium. Poster presentation

2. Hung N.V, **Tam T.T**, P. De Schryver, G.G. Linsey, P. Bossier and N. Nevejan, 2013. Effect of poly–β - hydroxybutyrate on bivalve larviculture. Asian – Pacific Aquaculture 2013, Ho Chi Minh City, Vietnam (Manuscript of this study is in preparation for submission in an international journal)

3. Van Hung, N., De Schryver, P., **Tam, T. T**., Garcia-Gonzalez, L., Bossier, P., & Nevejan, N. (2015). Application of poly-β-hydroxybutyrate (PHB) in mussel larviculture. *Aquaculture*, *446*, 318-324.

4. **Thanh Tam. T**, Janssens. L, Dinh Van. K, Op de Beeck. L, and Stoks. R (in press). Latitude-associated evolution of predator vulnerability to a pesticide shapes the outcome of predator-prey interactions with a vector mosquito.