

**Dang Thuy Binh**  
[binhdangthuy@gmail.com](mailto:binhdangthuy@gmail.com)

Department of Biology  
Institute for Biotechnology and Environment  
02 Nguyen Dinh Chieu St.,  
Nha Trang City, Vietnam  
Tel: (84) 58 3832075

**EDUCATION**

**Bergen University**, Bergen, Norway  
Ph.D. in Marine biodiversity, 2006-2010

**Aarhus University**, Aarhus, Denmark,  
Master Science in Marine Biology, 1999-2001

**Da Lat University**, Da Lat, Vietnam  
B.A. in Biology, 1989- 1992

**RESEARCH INTERESTS**

- Aquatic Disease of fresh water and marine organisms
- Biodiversity and conservation
- Molecular Ecology and population genetics
- Evolution and phylogeny of marine organisms

**RESEARCH EXPERIENCE**

- CARD project, ACIAR support “*Increase the capacity on nutrient analysis in Vietnam.*”  
*Led by Faculty of Aquaculture, Nha Trang University. (2000 – 2004)*
- NUFU Project “*Aquaculture and coastal management in Vietnam*”. Led by Institute of Aquaculture Research Number 3 (2006- 2011).
- Component 4, SRV2701 project “*Environmental impact of Aquaculture activities to the issue of food safety of green mussels and aquatic snails in integrated farming systems*” under NORAD framework, led by Nha Trang University. (2004-2009).
- National Gen Conservation Project “*Gen conservation of Vietnamese marine organism*” – collaborator (2004-2009) and PI (2010 – 2013).
- Genetic research and bio-safety of Swiftlet in the national projects: "Research and scientific

basis to propose sustainable solutions of Swiftlet farming in Vietnam. 2013-2014, participant

- CT-PIRE (CORAL TRIANGLE PIRE PROJECT) lead by Old Dominion University, 2010 – 2012, participant.
- EU project “*Parasite Risk Assessment with Integrated Tools in EU fish production value chains* (GA Number 312068). EU funding. Coordinator of case study in Vietnam (2012 – 2015).
- Peer project “*Conservation Genetics for Improved Biodiversity and Resource Management in a Changing Mekong Delta*”. NFS and USAID funding. PI (2013 -2015).

### **TEACHING RESPONSIBILITY**

#### **Undergraduate**

- Biodiversity and Evolution

#### **Graduate**

- Marine biodiversity
- Apply Biotechnology

### **PUBLICATIONS and PRESENTATIONS**

#### **Journals**

1. **Dang B. T.**, Glenn A. B., Christoffer S., Bjørn B. 2013. Three new species of *Pseudorhabdosynochus* (Monogenea: Diplectanidae) from Vietnamese grouper (*Epinephelus* sp.) (Perciformes: Serranidae), International Journal of Aquatic Science. 4(2):44–58.
2. **Dang B. T.**, Ngo, D.N, Nguyen, L.H.H. 2013. Venom gland structure and relationship with feeding mode of three species of cone snail *Conus striatus*, *C. textile* and *C. vexillum* in the South Coastal Center Vietnam. Journal of Agriculture and Rural Development (No 1/2013).
3. **Dang B.T.**, Thu, N.T.A, Anh, L.T.M. Molecular phylogeny of giant clams (*Tridacna* spp.) in the coastal regions of Southern and Central of Vietnam. Journal of Agriculture and Rural Development. 10/2012.
4. **Dang, B.T**, Khuc, T.A., Nguyen. T.T.H. 2012. Identification of cone snail (*Conus* spp.) In the coastal central Southern Vietnam based on morphologic and genetic characters. Journal of Fisheries Science and Technology. 2/2012. 37-41.
5. **Dang, B.T**. Ngo, D.N., Dao, T.N. 2012. Feeding mode of cone snail (*Conus* spp.) and phylogenetic relationships, Journal of Fisheries Science and Technology. 3/2012. 9-13.

6. **Dang, B.T**, Ngo Đ. N., Vu, Q.D.H. 2011. Population genetics of three spot seahorse (*Hippocampus trimaculatus*) from the south central coast of Vietnam. Vietnam Journal of Biotechnology. Special Issue.
7. **Dang, B.T**, Bristow G. A, Vu, Q.D.H. 2012. Phylogenetic relationships of monogenea (Monogenea: Platyhelminthes) found on grouper (*Epinephelus* spp. And *Plectropomus leopardus*) at Khánh Hòa Province, Vietnam – Journal of Agriculture and Rural Development (No 5/2012).
8. **Dang, B.T**, Le, H.T.T, Truong, T.T.T, Nguyen, T.N.T 2011. The population genetics of *Conus textile* linnaeus, 1758 from the Southern central coast of Vietnam. Journal of Fisheries Science and Technology. 4/2011. 39-44.
9. Pham, T.T., **Dang, B.T.**, Truong, T.T.T; Ngo, Đ.N. 2011. Molecular phylogeny of venomous cone snails *Conus* spp. In the coastal regions of southern central of Vietnam. Journal of Fisheries Science and Technology. 3.2011.
10. **Dang, B.T**, Bui, V.K., Nguyen, T.T.N. 2011. Distribution of cone snail (*Conus* spp) at Van phong bay, Khanh hoa. Journal of Fisheries Science and Technology. 3.2011.
11. **Dang, B.T**, Ngo Đ. N. 2010. Genetic diversity of black tiger shrimp (*Penaeus monodon* Fabricius 1798) at the center and southern parts of Vietnam. Journal of Fisheries Science and Technology. 1/2011.
12. **Dang, B.T.**, Levsen, A., Schander, C., Bristow, G. A. 2010. Some *Haliotrema* (Monogenea: Dactylogyridae) from cultured grouper (*Epinephelus* spp.) with emphasis on the phylogenetic position of *Haliotrema cromileptis*, Journal of Parasitology 96: 30–39, 2010
13. Nguyen, V.H., **Dang, B.T.** 2010. Study the genetic population of Leopard coral grouper (*Plectropomus leopardus*) in Vietnamese coastal water using the cytochrome b of mitochondrial DNA (Cyt b mtDNA). Journal of Fisheries Science and Technology. 3/2010. 100-108.
14. Truong S.K., Hoang D.l Ngo,D.N, Dang,B.T. Bui V.K. 2006. Improvement breeding of black seahorses (*Hippocampus kuda*) in the waters of Khanh Hoa. Collection of Marine Research, 2006, XV: 248-253..
15. **Dang B.T.**, Nguyen T.S., Nguyen T.T.N. The study of heavy metal accumulation in some snails and aquatic species (mussels, sea cucumber, seaweed) at Diep Son. Island, Van Phong Bay, Khanh Hoa. 2006. Journal of Science and Fisheries Technology, 3-4: 44-52.
16. **Dang B.T.** 2004. Separation 2 flatworms *Himasthla continua* and *Himasthla interupta* based on morphological and genetic characteristics. Journal of Science and Fisheries Technology. Speciea Issue 2004.

## Presentations

1. **Dang, B.T.**, Levsen, A., Schander, C., Bristow, G. A. 2008. Molecular phylogeny of Monogenea found on grouper (*Epinephelus* spp) in Vietnam, Fish Health section Annual

meeting. 9 – 12, 2008. Atlantic Veterinary College University of Prince Edward Island Charlottetown, P. E. I. Canada, 2007

2. **Dang, B.T.**, Vu, Q.D.H. 2009. Molecular phylogenetic relationship of Vietnamese grouper (*Epinephelus* and *Plectropomus*) based on sequences of 16S mtDNA, Proceeding “Conference Proceeding of Coastal Marine Biodiversity and Bio-resources of Vietnam and Adjacent areas to the South China Sea. Asia-Pacific Network for Global Change Research (APN) and Research Institute of Aquaculture No. 3 (RIA 3). 2011.
3. **Dang B.T.**, Ng0 D.N, Vu Q.D.H. 2011. Study population genetic of three spot seahorses (*Hippocampus trimaculatus*) in the South Central, Vietnam. South Vietnam Biotechnology Conference. HCMC. 11/2011.
4. **Dang B.T.**, Lê A.L.T. 2011. Phylogenetic relationships of giant clams (*Tridacna* spp.) In the Southern and Central Vietnam, Proceeding of 8<sup>th</sup> Science Conference at University of Agriculture and Forestry. 12/2011.
5. Hoang, Q.K, **Dang B.T.**, , Le P.C. 2011. Studies of genetic diversity of black horse (*Hippocampus kuda* bleeker, 1852) at Khanh Hoa and Phu Yen. Proceeding of 8<sup>th</sup> Science Conference at University of Agriculture and Forestry. 12/2011.
6. **Dang, B.T.** Cam, V.H. 2012. Populations of the 3-spot seahorse (*Hippocampus trimaculatus*) from the South and Central coast of Vietnam, Pan-Pacific Advanced Studies Institute (PacASI) on Genomic Applications to Marine Science and Resource Management in South East Asia. Philippine, 2012
7. **Dang, B.T.**, Nguyen, T.A.T, Willette, A. D Carpenter, K., Stockwell, B. 2012. Phylogeography of *Tridacna crocea* along the South and Central Coast of Vietnam, Pan-Pacific Advanced Studies Institute (PacASI) on Genomic Applications to Marine Science and Resource Management in South East Asia. Philippine, 2012
8. **Dang. B.T.** Nguyen, T.A.T, 2012. Phylogeography of *Tridacna crocea* along the south and central coast of Vietnam, Book abstract of International Fisheries Symposium – IFS 2012, (Can Tho University)
9. **Dang, B.T.**, Vu, Q.D.H. Van. H.C. 2012. Phylogenetic relationships of cone snail (*Conus* spp) and association with feeding mode, Book abstract of International Fisheries Symposium – IFS 2012, (Can Tho University).
10. Nguyen T.A.T, **Dang B.T.**, Nguyen D.T.X, 2013. Isolation and identification of  $\alpha$ -Conotoxin some trees snails collected in Nha Trang Bay. Proceeding of 8<sup>th</sup> National Fisheries Conference for Young Scientists, held at University of Agriculture and Forestry in June, 2013.
11. Van H.C, Phạm T.T, **Dang B.T.** 2013. Isolation and identification of pathogenic bacteria in the yellow seahorse *Hippocampus kuda*. Proceeding of 8<sup>th</sup> National Fisheries Conference for Young Scientists, held at University of Agriculture and Forestry in June, 2013.

12. Le H.H, **Dang B.T**, Nguyen T.A.T: 2013. Study on genetic characteristics of swiftlet subspecies (*Aerodramus fuciphagus*.) in Vietnam. Proceedings of Conference in Developing Vietnam bird nest farming. 6/2013.