

Ngo Dang Nghia
ngodangnghia@gmail.com

Institute of Biotechnology and Environment
Nha Trang University,
02 Nguyen Dinh Chieu St.,
Nha Trang city, Vietnam

EDUCATION

Trondheim University, Trondheim, Norway
Post-Doctoral Training (biopolymer), 2010

Nha Trang University, Nha Trang, Vietnam

PhD degree about biopolymer in seaweed (alginate from Sargassum), 1996-2000
Engineer of Aquaproduct Processing, 1977-1982

RESEARCH INTERESTS

2011: collagen extraction from basa fish, working as consultant in basa fish company.

2008-until now: Chitin/chitosan in shrimp waste: extraction, characterization and application

2003-2010: conservation of marine species, include DNA conservation, sperm cryopreservation.

2003-2008: Food safety of fish in marine aquaculture

1995-2000: study on biopolymer in seaweed

1985-1995: application of refrigeration in seafood processing, working as consultant in many frozen fishery factories in Vietnam

TEACHING RESPONSIBILITY

Undergraduate

1. Engineering thermodynamics
2. Heat transfer
3. Chemical engineering
4. Experimental design and analysis
5. Food physics

Graduate

1. Novel food technology
2. Optimization
3. Biopolymers

PUBLICATIONS AND PRESENTATIONS

Books (in Vietnamese)

1. The natural compounds in marine organisms in Vietnam, Publisher of Science and Technology, Hanoi, 1999
2. Seaweed Processing, Agriculture Publisher, Ho Chi Minh city, 2006
3. Green energy, Educational Publisher, Ho Chi Minh city 2013
4. Marine Biopolymer, Educational Publisher, Ho Chi Minh city 2013

Book (in English)

1. Marine biopolymers in Asian Nutraceuticals. Se-Kwon Kim (Ed) Marine Nutraceuticals: Prospects and Perspectives, Se-Kwon Kim (Ed). CRC press, 2013
2. Conotoxin: A source of Biomaterial for Pharmacology and Neuroscience. Se-Kwon Kim (Ed) Marine Biomaterials: Characterization, Isolation and Applications, CRC Press 2013.

Journals and Presentations

More than 30 articles in Vietnamese journals in alginate (chemical structure, extraction, properties), immobilisation of yeast, biodiversity of seahorse, shrimp, conus snails.

1. Food safety aspects of Green mussels (*Perna viridis*), Babylonian snails (*Babylonia areolata*) and Abalone snails (*Haliotis asinina*) from Van Phong Bay, Khanh Hoa Province, Vietnam. The 13th World Congress of Food science and Technology, Nante, France, Sept 2006.
2. Chitin extraction, poster, the 11th International conference of Chitin/chitosan, Taiwan, Sept. 2009.

3. **Ngo Dang Nghia**, Bjorn Tore Lunestad, Trang Si Trung, Nguyen Thanh Son, Amund Maage. Heavy metals in the farming environment and in some selected aquaculture species in the Van Phong Bay and Nha Trang Bay of the Khanh Hoa Province in Vietnam. *Bulletin of Environmental Contamination Toxicology*, 2009, 82:75-79.
4. **Ngo Dang Nghia**, Dam Ba Long. Cryopreservation of yellow seahorse sperm. Proceeding of the 11th International Symposium on the efficient application and preservation of marine biological resources, November 1&2, 2007, Nha Trang University, Vietnam.
5. Demineralization and deproteinization of shrimp waste for chitin recovery by using pepsin in concert with HCl. Proceedings of the 9th Asia Pacific chitin and chitosan Symposium. 3-6 August, 2011, Nha Trang, Vietnam.
6. Potential of the by product in fishery industry in Vietnam. 4th Joint Symposium on Food science and Technology between NUS and Tumsat, 5-6 Dec. 2011 Singapore.
7. Bao Nguyen, Jordi Molgó, Hung Lam thanh, Evelyne Benoit, Thi An Khuc, **Dang Nghia Ngo**, Ngoc Thach Nguyen, Paul Millares, Jean-Pierre Le Caer. High accuracy mass spectrometry comparison of *Conus bandanus* and *Conus marmoreus* venoms from the South Central Coast of Vietnam. *Toxicon xxx* (2013) 1–12

PROFESSIONAL MEMBERSHIPS

Member of Vietnamese Association of Food Science and Technology from 2001

Chairman of the 9th Asian Pacific Chitin/chitosan Symposium (APCCS), August, 2011, Nha Trang, Vietnam