

Le Minh Hoang

leminhhoang.vn@gmail.com or hoanglm@ntu.edu.vn

Department of Marine Aquaculture
Institute of Aquaculture
02 Nguyen Dinh Chieu St.,
Nha Trang City, Vietnam
Tel: (84) 58 3831149

EDUCATION

Korea University – Korea

Postdoc of Developmental Biology, 2/2010 – 8/2010

Pukyong National University – Korea

Doctor of Oceanography and Fisheries, 2/2008 – 2/2010. Thesis title: Reproductive cycle and semen preservation of yellow croaker *Larimichthys polyactis*.

Master of Oceanography and Fisheries, 2/2006 – 2/2008. Disertation title: Milt properties and sperm cryopreservation of filefish *Thamnaconus modestus*).

Nha Trang University – Vietnam

Bachelor of Aquaculture, 9/1999 – 1/2004

RESEARCH INTERESTS

- Reproductive physiology and biology of aquatic animals

RESEARCH EXPERIENCE

- Studies on properties and preservation of sperm in waigieu seaperch (*Psammoperca waigiensis* Cuvier, 1828 (*Psammoperca waigiensis* Cuvier, 1828). NAFOSTED. Code: 106.08-2011.55. 12/2011 - 12/2013. **(Principal Investigator)**
- Studies on physico-biochemical properties and preservation of sperm Tiger Grouper (*Mycteroperca tigris* Valenciennes, 1833) in Viet Nam. IFS. No.A/5165-1. 3/2012, 3/2014. **(Principal Investigator)**

TEACHING RESPONSIBILITY

Undergraduate

- Physiology of Aquatic Animals
- English for Aquaculture

Graduate

- Reproductive Physiology and Endocrinology in Fish
- Analyzing Methods for Aquaculture

PUBLICATIONS and PRESENTATIONS

Books

1. Nguyen Van Duy, **Le Minh Hoang** and Trang Si Trung. Application of Probiotics from Marine Microbes for Sustainable Marine Aquaculture Development. In book: Marine Microbiology. ISBN 978-3-527-33327-1 - Wiley-VCH, Weinheim. 2013.

Journals

2. **M. H. Le**, N. T.H. Nhung, P.L. Pham. Semen properties of waigieu seaperch *Psammoperca waigiensis*. Israeli Journal of Aquaculture – Bamidgeh. 2013.
3. H. K. Lim, **M. H. Le**. Evaluation of extenders and cryoprotectants on motility and morphology of longtooth grouper *Epinephelus bruneus* sperm. Theriogenology. 2013.
4. H. K. Lim, **M. H. Le**. Sperm motility in yellow croaker *Larimichthys polyactis*: Effects of varying sugars. Israeli Journal of Aquaculture – Bamidgeh. 2013.
5. **Le Minh Hoang**, Võ Thị Thu Hiền. Study on sperm cryopreservation of common carp (*Cyprinus carpio* Linneaus, 1758) in liquid nitrogen. Journal of Fisheries science and technology. Nha Trang University. 2012.
6. **Le Minh Hoang**. Extender and cryoprotectants for fish spermatozoa cryopreservation. Journal of Fisheries science and Technology. Nha Trang University. 2012.
7. **M. H. Le**, H. K. Lim, B. H. Min, J. U. Lee and Y. J. Chang. Semen properties and spermatozoan structure of yellow croaker *Larimichthys polyactis*. Israeli Journal of Aquaculture – Bamidgeh. 2011.
8. **M. H. Le**, H. K. Lim, B. H. Min, M. S. Park and Y. J. Chang. Storage of yellow croaker *Larimichthys polyactis* semen. Israeli Journal of Aquaculture – Bamidgeh. 2011.
9. **M. H. Le**, H. K. Lim, B. H. Min, M. S. Park, M. H. Son, J. U. Lee and Y. J. Chang. Effects of varying dilutions, pH, temperature and cations on sperm motility in fish *Larimichthys polyactis*. Journal of Environmental Biology. 2011.
10. **M. H. Le**, H. K. Lim, B. H. Min, M. W. Park and Y. J. Chang. Semen cryopreservation of yellow croaker *Larimichthys polyactis*. Reviews in fish biology and fisheries. 2011.
11. H. K. Lim, **M. H. Le**, C. M. An, S. Y. Kim, M. S. Park and Y. J. Chang. Reproductive cycle of yellow croaker *Larimichthys polyactis* in southern waters off Korea. Fisheries Science. 2010.

12. H. K. Lim, B. H. Min, M. H. Jeong, B. N. Choi, **M. H. Le** and Y. J. Chang. Cryopreservation of semen in dead yellow croaker *Larimichthys polyactis*. Fisheries and aquatic sciences. 2010.
13. **M. H. Le**, H. K. Lim, B. H. Min, M. H. Son, J. U. Lee and Y. J. Chang. Diluents and cryoprotectants for cryopreservation of filefish *Thamnaconus modestus* sperm. Journal of Aquaculture. 2008.
14. **M. H. Le**, H. K. Lim, B. H. Min, S. Y. Kim and Y. J. Chang. Milt properties and spermatozoa structure of filefish *Thamnaconus modestus*. Development and Reproduction. 2007.

Presentations

1. Nguyen Thi Hong Nhung, **Le Minh Hoang**, Mai Nhu Thuy, Pham Phuong Linh and Pham Quoc Hung. Studies on several physio-biochemical properties of sperm in waigieu seaperch *Psammoperca waigiensis* (Cuvier & Valenciennes, 1828). The 4th national conference of young fisheries scientist. Ho Chi Minh University of Agriculture and Forestry. 2013
2. Bong Minh Duong, **Le Minh Hoang**, Mai Nhu Thuy, Pham Phuong Linh và Pham Quoc Hung. Studies on chilled storage of waigieu seaperch (*Psammoperca waigiensis*). The 4th national conference of young fisheries scientist. Ho Chi Minh University of Agriculture and Forestry. 2013.
3. Vo Thi Truc Linh, **Le Minh Hoang** và Nguyen Dich Thanh. Sperm motilities in red snapper *Lutjanus argentimaculatus* (Forsk., 1775): Effects of dilution ratio, pH, osmolality and cations. The 4th national conference of young fisheries scientist. Ho Chi Minh University of Agriculture and Forestry. 2013
4. **M. H. Le**, H. H. Giang, M. N. Thuy, P. L. Pham, Q. H. Pham. Spermatozoa motility in common carp *Cyprinus carpio*: Effects of dilution ratio, diluents, osmolality, cations and hormone injection. International Fisheries symposium – IFS 2012. 2012.
5. **M. H. Le**, N. T. T. Thuy, M. N. Thuy, P.L. Pham, Q. H. Pham. Chilled storage and cryopreservation of sperm of common carp *Cyprinus carpio* in Viet Nam. International Fisheries symposium – IFS 2012. 2012.
6. **M.H. Le**. An overview on Aquaculture in Vietnam. Vietnam-Taiwan international conference on seed breeding technology and mariculture. 2012.
7. Y. J. Chang, **M. H. Le**, Y. S. Kim and K. T. Kim. Properties and activities of sperm contaminated with blood or seawater of wild-caught striped jewfish *Stereolepis deoderleini*. Korea-Japan, Japan-Korea Joint Symposium on Aquaculture. 2010.

8. Y. S. Kim, Y. S. Ko, **M. H. Le**, K. T. Kim and Y. J. Chang. Effects of environmental factors on the activity of cryopreserved sperm of wild-caught striped jewfish *Stereolepis deoderleini*. Korea-Japan, Japan-Korea Joint Symposium on Aquaculture. 2010.
9. **M. H. Le**, K. T. Kim, Y. S. Kim and Y. J. Chang. Effects of artificial factors on the activity of storage sperm of wild-caught striped jewfish *Stereolepis deoderleini*. Korea-Japan, Japan-Korea Joint Symposium on Aquaculture. 2010.
10. **M. H. Le**, H. K. Lim, B. H. Min, B. N. Choi and Y. J. Chang. Cryopreservation of died yellow croaker *Larimichthys polyactis* (Teleostei) semen. Society of developmental biology 28th annual meeting. 2009.
11. **M. H. Le**, H. K. Lim, B. H. Min, J. U. Lee and Y. J. Chang. Yellow croaker *Larimichthys polyactis* (Teleostei) semen properties. Society of developmental biology 28th annual meeting. 2009.
12. **M. H. Le**, H. K. Lim, B. H. Min, M. W. Park and Y. J. Chang. Yellow croaker *Larimichthys polyactis* (Teleostei) semen cryopreservation. Society of developmental biology 28th annual meeting. 2009.
13. H. K. Lim, **M. H. Le**, C. M. An, S. Y. Kim and Y. J. Chang. Reproductive biology of yellow croaker *Larimichthys polyactis* (Teleostei) in southern waters of Korea. Society of developmental biology 28th annual meeting. 2009.
14. **M. H. Le**, H. K. Lim, B. H. Min, J. U. Lee and Y. J. Chang. Spermatozoa motility in yellow croaker *Larimichthys polyactis*: effects of dilution ratio, pH, temperature and cations. The 8th international symposium on developmental biotechnology. 2008.
15. **M. H. Le**, H. K. Lim, B. H. Min, M. S. Park and Y. J. Chang. Effect of dilution ratio, diluents and temperature on semen storage in yellow croaker *Larimichthys polyactis*. The 8th international symposium on developmental biotechnology. 2008.
16. M. H. Jeong, Y. S. Kim, S. Y. Kim, **M. H. Le** and Y. J. Chang. Sperm motility and survival ratio of fresh water and sea water in black porgy (*Acanthopagrus schlegelii*). Development Reproduction. The Korean society and developmental biology. 2007.
17. **M. H. Le**, H. K. Lim, B. H. Min, S. Y. Kim and Y. J. Chang. Milt properties and sperm cryopreservation in filefish (*Thamnaconus modestus*). The Korean society and developmental biology. 2007.