

Curriculum Vitae

Nguyen Chau Thanh Tung, PhD
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1. Academic Degrees

BSc	Cantho University	1994 – 2000	Agronomy
MSc	Universiti Putra Malaysia	2002 – 2004	Molecular Biology & Genetic Engineering
PhD	Justus-Liebig University of Giessen	2006 – 2019	Molecular Plant Breeding

2. Relevant Professional Experience

2000 – 2002 Researcher, Section of Plant Breeding, Department of Crop Science, Cantho University, Cantho City, Vietnam

Being responsible for the evaluation and selection of the promising soybean varieties in Mekong Delta of Vietnam and release those selected promising varieties to the farmers in the region

2002- 2004 Master Student, Department of Biotechnology, Faculty of Food Science and Biotechnology, Putra University of Malaysia, Malaysia

Doing the final project entitled “Detection of Genetically Modified Organisms (GMOs) in Foods by Using Polymerase Chain Reaction (PCR)”

01/2005 – 12/2005: participate in the Advanced Training Program on Industrial Biotechnology in German Research Center for Biotechnology, Braunschweig, Germany

Participating in the project entitled “Function of pollen and pistil-specific *SF21* gene on sunflower (*Helianthus annuus*) using RNA interference technology” in Institute of Crop Science and Plant Breeding, Justus-Liebig University, Giessen, Germany

September 10 – 23, 2007: Short training on LC-MS techniques in analyzing plant hormones in Dr. Abrams Laboratory, Plant Biotechnology Institute, National Research Council, Saskatoon, Saskatchewan, Canada

3. Certifications

Training course on “2D-Electrophoresis” in March 2001 organized by Department of Crop Science, Cantho University, Vietnam

Workshop on “Polymerase Chain Reaction (PCR): Primer Design and Applications” in September 24th-26th 2002 held in Department of Biotechnology, Faculty of Food Science and Biotechnology, University Putra Malaysia, Malaysia

Workshop on “Developing Writing and Publication Skills for Scientific Research” on 23rd-25th of March 2004 held by Universiti Putra Malaysia International Students’ Association

4. Scientific Activities

Seminar on “Genetically Modified Organisms (GMOs)” on March 24th, 2004 organized by Department of Biotechnology Engineering and Center for Engineering Excellence, International Islamic University of Malaysia

Asian Symposium on Toxic Micro-Organisms “Control of Toxic Micro-Organisms in Foods of Animal Origin” on August 22nd, 2004 at Renaissance Kuala Lumpur, Malaysia, organized by The Committee of Asian Symposium on Toxic Micro-Organisms

Workshop of COST (The European Cooperation in the field of Scientific and Technical Research) Viticulture 858 on “Functional Gene Analysis in Grapevine” on 6th-7th of October 2005 held by Institute for Grapevine Breeding Geilweilerhof (D-76833 Siebeldingen), Federal Centre for Breeding Research on Cultivated Plants

JIRCAS International Symposium on “Greenhouse Gases and Sustainable Agriculture in Southeast Asia” on December 20th-22nd, 2012 held by JIRCAS and CENRes, CTU

JIRCAS-CTU Climate Change Project Workshop 2015 on December 22nd, 2015 held by JIRCAS and CENRes, CTU

JIRCAS-CTU Project ‘Development of Agricultural Technologies for Reducing Greenhouse Gas Emission from the Mekong Delta’ Kick-off Meeting on June 30th, 2016 held by JIRCAS and CENRes, CTU

JIRCAS-CTU Project ‘Development of Agricultural Technologies for Reducing Greenhouse Gas Emission from the Mekong Delta’ Annual Workshop on March 3rd, 2017 held by JIRCAS and CENRes, CTU

5. Publications

1. N.P. Dang and N.C.T. Tung. 2002. *Survey, evaluation and selection of 12 promising soybean varieties in the Mekong Delta of Vietnam*. Journal of Science, Cantho University.
2. N.B. Ve and N.C.T. Tung. 2003. *Survey, evaluation and selection of Chau Hang Vo mango variety with high quality and yield*. Journal of Science, Cantho University: 1-12.
3. Son, R., Noorzaleha, A.S., Rusul, G., Jurin, W.G., Tung, N.C.T., Lesley, M. and Nishibuchi, M. 2004. *Epidemiological significance of pathogenic bacteria in animals and foods in Malaysia*. Asian Symposium on Toxic Micro-Organisms, Kuala Lumpur, Malaysia.
4. Nguyen, T.C.T., Son, R., Raha, A.R., Lai, O.M. and Michael, W.V.L. 2009. *Comparison of DNA extraction efficiencies using various methods for the detection of genetically modified organisms (GMOs)*. International Food Research Journal 16(1): 21 - 30.
5. Nguyen, T.C.T., Son, R., Raha, A.R., Lai, O.M. and Michael, W.V.L. 2008. *Detection of genetically modified organisms (GMOs) using molecular techniques in food and feed samples from Malaysia and Vietnam*. International Food Research Journal 15(2): 155 - 166.

6. Nguyen, T.C.T., Lipsa, F., Wolfgang, F. and Snowdon, R. 2007. *Cloning and mapping of a candidate gene affecting germination and vigour in yellow-seeded oilseed rape (Brassica napus L.)*. Poster presentation in *The 12th International Rapeseed Congress*, March 26 – 30 in Wuhan, China.
7. Nguyen, T.C.T., Sue, A., Irina, Z., Wolfgang, F. and Rod, S 2008. *A putative micro-RNA regulatory system influencing hormonal control of germination and seedling vigour in Brassica napus*. Poster presentation in *The 5th ISHS International Symposium on Brassicas and the 16th Crucifer Genetics Workshop*, September 08 – 12 in Lillehammer, Norway.
8. Nguyen, T.C.T., Sue, A., Irina, Z., Wolfgang, F. and Rod, S 2010. *A Brassica napus mutant causing severe seed hormonal imbalance is associated with unusual epigenetic seedlings and developmental phenotypes*. Proceedings in *Genomics-based Breeding Giessen Workshop*, October 26 – 28, in Giessen, Germany.
9. Nguyen, T.C.T., Sue, A., Irina, Z., Wolfgang, F. and Rod, S 2010. *A putative micro-RNA regulatory system influencing hormonal control of germination and seedling vigour in Brassica napus*. Poster presentation in *Genomics-based Breeding Giessen Workshop*, October 26 – 28 in Giessen, Germany.
10. Nguyen, T.C.T., Sue, A., Irina, Z., Wolfgang, F. and Rod, S 2011. *Disruption of germination and seedling development in Brassica napus by mutations causing severe seed hormonal imbalance*. Proceedings in *The 13th International Rapeseed Congress*, June 05 – 09, in Prague Congress Centre, Prague, Czech Republic.
11. Nguyen, T.C.T., Abrams, S.R., Zaharia, I., Wolfgang, F. and Snowdon, R 2012. *Genetic and hormonal analysis of seed germination and seedling development in Brassica napus*. Proceedings in Gesellschaft für Pflanzenzüchtung (GPZ) with the motto “*Breeding Crops for Sustainable Agricultural Production*”, from February 28th to March 1st, 2012, in Giessen, Germany.
12. **Nguyen, T.C.T.**, Obermeier, W. Friedt, S.R. Abrams, and R.J. Snowdon, 2016: *Disruption of germination and seedling development in Brassica napus by mutations causing severe seed hormonal imbalance*. *Frontiers in Plant Science* 7: 1 – 13.
13. Huynh Ky, Van Quoc Giang, **Nguyen Chau Thanh Tung**, Nguyen Loc Hien and Tran Huu Phuc, 2018. *Assessment of 12 potential rice varieties from Tra Vinh province based on SSR markers and their uptake of K⁺/Na⁺ ratios*. *Journal of Science, Can Tho University* 54(9B): 41-46 (in Vietnamese).
14. Ngo Thuy Diem Trang, Vo Chi Linh, Nguyen Hoang Minh Huu, **Nguyen Chau Thanh Tung**, Nguyen Xuan Loc and Hans Brix, 2018. *Screening salt-tolerant plants for phytoremediation: effect of salinity on growth and mineral nutrient composition*. *Vietnam Journal of Science and Technology* 56: 9-15.
15. **Nguyen, T.C.T.**, W. Friedt, S.R. Abrams, and R.J. Snowdon, 2018: *Quantitative trait locus analysis of seed germination, seedling vigour and seedling-regulated hormones in Brassica napus*. *Plant Breeding* 137: 388-401.

16. Huỳnh Kỳ, Trần Hữu Phúc, Văn Quốc Giang, Nguyễn Văn Mạnh, Nguyễn Lộc Hiền and **Nguyễn Châu Thanh Tùng**, 2019. *Chọn giống lúa chất lượng cao bằng gen chức năng Wx và khảo sát tình trạng phân chất*. Tạp chí Khoa học Công nghệ Nông nghiệp Việt Nam 8(105): 45-49.