

CURRICULUM VITAE

PhD. VU QUYNH HUONG

Department of Food Processing Technology,
Faculty of Food Science & Technology
Vietnam National University of Agriculture
(VNUA)

Tel: (84) 835150115

Fax: (84 4) 38276554

E-mail: vqhuong@vnua.edu.vn



QUALIFICATIONS

<i>Degree</i>	<i>University</i>	<i>Specialization</i>	<i>Graduation year</i>
PhD	Université catholique de Louvain, Louvain-la-Neuve, Belgium	Agricultural Sciences and Biological Engineering	2021
Master	Royal Melbourne Institute of Technology, Australia	Applied Science (Food Science and Technology)	2014
Bachelor	Vietnam National University of Agriculture, Vietnam	Storage & Processing of food	2009

PROFESSIONAL EXPERIENCE

<i>Duration</i>	<i>Place</i>	<i>Responsibility</i>	<i>Address</i>
March 2010 – present	Department of Food Processing Technology, Faculty of Food Science and Technology, Vietnam National University of Agriculture, Vietnam.	Lecturer and Researcher	Trauquy, Gialam, Hanoi, Vietnam

TRAINING COURSES

- 24 Jan – 6 Feb, 2016: Short training course on “Food value chain” at Kasetsart University, Thailand, funded by Ministry of Agriculture, Forestry and Fisheries of Japan (MAFF)
- Nov, 2011 – Jan, 2012: Short training course on “*Test in vitro for detection of endocrine disruptors and "dioxin" active substances in the environment of aquaculture and animal production*” at University of Liège, Belgium.
- 04 – 15 Mar, 2011: Short training course on “*Research project (2 credits)*” organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam.

<ul style="list-style-type: none"> • 7 – 11 Mar, 2011: Short training course on <i>“Product Innovation (2 credits)”</i> organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam. • 25 – 28 Jan, 2011: Short training course on <i>“Database and Statistic Analyses (2 credits)”</i> organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam. • 10 – 15 Jan, 2011: Short training course on <i>“Documentation Search and Information Treatment (2 credits)”</i> organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam. • Aug – Nov, 2010: Training course on <i>“Processing and quality control of milk”</i> at University of Liège – Gembloux Agro – Bio Tech, Belgium. • 18 – 29 Jan, 2010: Short training course on <i>“System Analyses and Modeling”</i> organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam. • 04 – 17 Jan, 2010: Short training course on <i>“Experimental Design and Survey methods”</i> organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam. • 14 - 17 Sep, 2009: Short training course on <i>“Antibiotic residues in animal alimentary products: international legislation, strategies control, and practice analysis methods”</i> organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam.
TEACHING RESPONSIBILITIES <ul style="list-style-type: none"> • Sensory evaluation of food • Dairy processing technology • Introduction to food science and technology • Meat processing technology
RESEARCH AREAS <ul style="list-style-type: none"> • Food safety assessment • Antimicrobial peptides produced by GRAS bacteria • Freeze-Drying behaviour of Lactic Acid Bacteria • Milk and milk products processing technology • Meat and meat products processing technology
SCIENTIFIC HONOURS AND AWARDS <ul style="list-style-type: none"> • Scholarship for Development of Food-Value-Chain in ASEAN Countries, funded by Ministry of Agriculture, Forestry and Fisheries of Japan (MAFF) from 24 Jan to 6 Feb, 2016. • Scholarship in the frame of the institutional support between the Belgian French speaking universities (ARES-CCD) and the Vietnam national university of agriculture

for PhD Degree from 2016 to 2020.

- Award of Australia Award Scholarship (AAS) for Master Degree from 2012 to 2014.
- A scholarship of Vietnam Government for undergraduate program from 2005 to 2009.
- Award for Excellent Student in academic course 2005 – 2009
- Award for excellent achievements in student union activities and voluntary youth movement in academic year 2007 – 2008.
- Award for excellent achievements in student union activities and voluntary youth movement in academic year 2005 – 2006.

PROJECTS

<i>Project titles</i>	<i>Duration</i>	<i>Sponsor</i>
Assessment and improvement of the microbial safety of Vietnamese traditional fermented meat products (Postdoctoral research projects)	2021	ARES-CCD
Meat quality and sensory analysis of Tien Yen chicken at different slaughter times (member)	2021	Vietnam-Belgium project
Capacity building in improving food safety on milk supply chain for Vietnam via training experts and joint research (member)	2020-2021	Irish Aid
Application of self-mixed feed from available raw materials to improve meat quality and efficiency of commercial Tien Yen chicken (member)	2021 - 2022	Tien Yen district
Beta-galactosidase of food grade bacteria: from screening to production and preliminary application (member)	2017 - 2019	ARES - CCD
Screening, characterization and production of antimicrobial peptides produced by GRAS (Generally Recognized As Safe) bacteria from Vietnamese fermented food (member)	2015 - 2017	ARES - CCD
Research production of child nutritional powder supplements protein, calcium and zinc from toad muscle and bone (member)	2011-2012	CUD
Assessment of food safety and hygiene quality at the agro-processing enterprise in Hai Duong province (member)	2012	CUD
Test in vitro for detection the endocrine disruptors and dioxin-like present in the environment of aquaculture and animal production (member)	2010-2012	CUD
Improvement of the flavour of soybean yoghurt (member)	2009-2010	Vietnam National University of Agriculture
Selection of <i>Bacillus</i> spp. optimal culture conditions and its Chitosanase down-stream process (leader)	2008-2009	CUD

PUBLICATIONS

Journal articles

1. **Vu Q. H.**, Nguyen T. T. T., Mahillon J. (2020). Bacterial profile diversity among traditional Vietnamese fermented foods. *Submitted*.
2. **Vu Q. H.**, Nguyen T. T. T., Mahillon J. (2020). Antibacterial activity of *Lactobacillus brevis* HQV07 isolated from Vietnamese fermented food against foodborne pathogens. *Submitted*.
3. Nannan C., **Vu Q. H.**, Gillis A., Caulier S., Nguyen T. T. T., Mahillon J. (2021). Bacilysin within the *Bacillus subtilis* group: gene prevalence versus antagonistic activity against Gram-negative foodborne pathogens. *Journal of Biotechnology*, 327, 28-35.
<https://doi.org/10.1016/j.jbiotec.2020.12.017>
4. Nguyen Thi Thanh Thuy, Luu Thi Phuong Thao, **Vu Quynh Huong**, Nguyen Van Giang (2016). Effect of *Trichoderma* sp. TC1 and its extract on growth inhibition and aflatoxin production of *Aspergillus flavus* and *Aspergillus parasiticus*. *Vietnam Journal of Agricultural Science*, 14(10), 1581 -1587.
5. **Vu Quynh Huong**, Bee May (2016). Influence of protectants on *Lactobacillus plantarum* subjected to freeze-drying. *Vietnam Journal of Agricultural Science*, 14(7), 1082-1088.
6. Nguyen Thi Thanh Thuy, Vu Thi Huyen Trang, **Vu Quynh Huong**, Trinh Thi Thu Thuy, Nguyen Thi Lam Doan, Tran Thi Na, Nguyen Hoang Anh (2016). Isolation, identification and characterization of *Bacillus subtilis* with broad-range antimicrobial activity from muong khuong chilli sauce. *Vietnam Journal of Agricultural Science*, 14(7), 1009-1015.
7. Ngo Xuan Dung, **Vu Quynh Huong**, Nguyen Thi Hoang Lan, Nguyen Thi Huong, Do Thi Thu Hien (2012). Research production of child nutritional powder supplements protein, calcium and zinc from toad muscle and bone. *Journal of Science and Development*, 10(5), 707-713.

Conferences

1. **Huong Quynh Vu**, Thuy Thanh Thi Nguyen and Jacques Mahillon (2019). *Lactobacillus brevis* antibacterial activity for the biocontrol of foodborne pathogens. *In the proceeding of 3rd EFS International Conference on Environment and Food Safety*, 16-17 October 2019, Sunway Putra Hotel, Kuala Lumpur, Malaysia.
2. **Huong Quynh Vu**, Sébastien Paquet, Catherine Nannan, Thuy Thanh Thi Nguyen and Jacques Mahillon (2018). Antibacterial activity of *Lactobacillus brevis* HQV07 isolated from Vietnamese fermented food against foodborne pathogens. *In the proceeding of 4th AFSA International Conference on Food Safety and Food Security*, 10-12 August 2018, Angkor Paradise Hotel, Siem Reap, Cambodia.
3. Catherine Nannan, **Huong Quynh Vu**, Simon Caulier, Florent Licciardi, Thuy Thanh Thi Nguyen, Jacques Mahillon (2017). Bacilysin within bacillus subtilis group: contrast between gene cluster prevalence and bacilysin detection. *In the proceeding of twenty-second Conference on Food Microbiology*, 21 & 22 September 2017, Brussels.
4. NANNAN Catherine, **VU Quynh Huong**, NGUYEN Thi Thanh Thuy and MAHILLON Jacques (2016). Bacteriocins as food preservatives. *In the proceeding of International Conference on Agriculture development in the context of international integration:*

Opportunities and challenges, Hanoi, Vietnam.

5. Nguyen Thi Thanh Thuy, **Vu Quynh Huong**, Truong Tat Ngoc, Vu Dinh Ton (2012). Assessment of food safety and hygiene quality at the agro-processing enterprise in Haiduong province. *In the proceeding of Female Science Conference*, Hanoi University of Agriculture, Hanoi, Vietnam.

6. **Vu Quynh Huong**, Dao Thi Hiep, Pham Kim Dang (2011). Distribution network of pesticides: Case study in Cam Hoang Commune, Cam Giang District, Hai Duong Province. *In the proceeding of Endocrine disrupters and challenges in agriculture*, Hanoi University of Agriculture, Hanoi, Vietnam.

7. Dao Thi Hiep, **Vu Quynh Huong**, Pham Kim Dang (2011). Evaluating the pesticide usage in agricultural production: A case study in Cam Hoang commune, Cam Giang District, Hai Duong Province. *In the proceeding of Endocrine disrupters and challenges in agriculture*, Hanoi University of Agriculture, Hanoi, Vietnam.

8. **Vu Quynh Huong** and Ngo Xuan Manh (2009). Selection of *Bacillus* spp. optimal culture conditions and its Chitosanase down-stream process. *In the proceeding of Nationwide biotechnology conference*, Thainguyn, Vietnam, 2009.

Hanoi, 31 July 2021

