CURRICULUM VITAE

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QUALIFICATIONS

Degree	*University*	*Specialization*	*Graduation year*
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

Duration	*Place*	*Responsibility*	*Address*
2023 - now	Deputy Head, Department of Food Safety and Quality Management, Faculty of Food Science & Technology, Vietnam National University of Agriculture, Vietnam.	Lecturer and Researcher	Trauquy, Gialam, Hanoi, Vietnam
2010 – 2022	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

- 26 Feb – 12 Mar, 2024. Online short training course on "Health Security, One Health, and Zoonoses", organised by Mekong One Health Innovation Program (MOHIP), Michigan State University, USA.
- 5 Aug – 15 Sep, 2023. Fellowship titled "Strengthening health security capacity in Vietnam" at University of Sydney, Australia

- 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.
- 7 – 11 Mar, 2011: Short training course on ***"Product Innovation (2 credits)"*** organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam.
- 25 – 28 Jan, 2011: Short training course on ***"Database and Statistic Analyses (2 credits)"*** organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam.
- 10 – 15 Jan, 2011: Short training course on ***"Documentation Search and Information Treatment (2 credits)"*** organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam.
- Aug – Nov, 2010: Training course on ***"Processing and quality control of milk"*** at University of Liège – Gembloux Agro – Bio Tech, Belgium.
- 18 – 29 Jan, 2010: Short training course on ***"System Analyses and Modeling"*** organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam.
- 04 – 17 Jan, 2010: Short training course on ***"Experimental Design and Survey methods"*** organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam.
- 14 - 17 Sep, 2009: Short training course on ***"Antibiotic residues in animal alimentary products: international legislation, strategies control, and practice analysis methods"*** organized by Hanoi University of Agriculture and CIUF under research cooperation project at Hanoi, Vietnam.

TEACHING RESPONSIBILITIES

- Sensory evaluation of food
- Dairy processing technology
- Introduction to food science and technology
- Meat processing technology

RESEARCH AREAS

- Using One Health approach in improving food safety
- 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

- Award of Australia Awards Fellowship (AAF) titled "Strengthening health security capacity in Vietnam", 2023.
- Scholarship in the frame of the institutional support between the Belgian French speaking universities (ARES-CCD) and the Vietnam National University of Agriculture for Postdoctoral research projects, 2021-2022.
- 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's 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

Project titles	***Duration***	***Sponsor***
Research on the use of herbal supplementary feed formulas in raising laying hens for the production of 'herbal eggs' in Hai Duong province (Member)	2024	Hai Duong province
Application of herbal supplementary feed to enhance meat quality and improve efficiency in commercial Tien Yen chicken farming	2023-2024	Tien Yen district
Application of technological processes in the production of Tien Yen chicken products (Project Leader)	2023-2024	Tien Yen district
Developing of nutritional dairy products to meet the Vietnamese market needs through training and research cooperation with Ireland (member)	2022-2024	Irish Aid

Isolation and Selection of Cellulose-degrading Bacteria to process banana by-products (Project Leader)	2022-2023	VNUA
Herbal supplements in raising commercial chickens towards safety, quality and high economic efficiency in Hai Duong province (member)	2022-2023	Hai Duong province
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
Quality evaluation of rice noodles products in Cam Vu commune, Cam Giang district, Hai Duong province (SVB2011-8-60) (Leader)	2011	VNUA
Nitrate residues before and after processing of cabbage and carrots consumed in Hanoi (SVB2011-8-95) (leader)	2011	VNUA
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 *Bacillus* spp. optimal culture conditions and its Chitosanase down-stream process (Leader)	2008-2009	CUD

PUBLICATIONS

Journal articles

Vu Quynh Huong, Nguyen Van Duy, Vu Dinh Ton (2024). Effects of supplementation of powdered herbal mixture and cinnamon in the diet on productivity and quality of Tien Yen chicken meat. *Journal of Animal Husbandry Sciences and Technics*. Accepted

Vu Quynh Huong, Nguyen Van Duy, Nguyen Thi Nga, Vu Dinh Ton (2023). Effects of dietary cinnamon powder supplements on the growth performance, meat yield, and physiological and biochemical blood parameters of broilers. *Vietnam J. Agri. Sci.*, *21*(9), 1176-1185.

Nguyen Van Duy, Nguyen Đinh Tien, **Vu Quynh Huong**, Nguyen Thi Nga, Bui Thi Kim Oanh, Vu Đinh Ton (2023). Growth Performance, Carcass Yield, and Meat Quality of Tien Yen Chicken Fed on Self-mixed Diets from 13 Weeks of Age to Slaughter. *Vietnam J. Agri. Sci.*, *21*(3), 320-328.

Vu Quynh Huong, Nguyen Vinh Hoang, Nguyen Thi Nga, Nguyen Van Duy (2023). Effect of Slaughtering Age on Nutritional Composition and Sensory Quality of Tien Yen Chicken Meat. *Vietnam J. Agri. Sci.*, *21*(1), 87-94.

Vu Quynh Huong, Vu Thi Yen, Nguyen Thi Thanh Thuy (2022). Isolation and Selection of Lactic Acid Bacteria for Probiotic Beverage Production from Ginger. *Vietnam J. Agri. Sci.*, *20*(12), 1581-1590.

Nguyen Van Duy, Nguyen Thi Nga, **Vu Quynh Huong**, Nguyen Đinh Tien, Vu Đinh Ton (2021). Growth performance and meat yield of chickens raised on self-mixed diets. *Journal of Animal Husbandry Sciences and Technics*, 267, 35-41.

Vu Q. H., Nguyen T. T. T., Mahillon J. (2020). Bacterial profile diversity among traditional Vietnamese fermented foods. *Submitted*.

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*.

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

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.

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.

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.

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

Huong Quynh Vu (2023). Microbial assessment for the safety improvement of Vietnamese traditional fermented meat. *In the proceeding of Conference on Microorganisms and food safety,* 12 May 2023, Hanoi, Vietnam.

Huong Quynh Vu (2023). Foodborne botulisum in Vietnam. *In the proceeding of Conference on Microorganisms and food safety,* 12 May 2023, Hanoi, Vietnam.

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.

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.

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.

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.

Nguyen Thị Thanh Thuy, **Vu Quynh Huong**, Truong Tat Ngoc, Vu Đinh 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.

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.

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.

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*, Thainguyen, Vietnam, 2009.

Hanoi, 15 January 2024