CURRICULUM VITAE

PhD. VU QUYNH HUONG
Deputy Head, Department of Food Safety and Quality Management, Faculty of Food Science & Technology
Vietnam National University of Agriculture (VNUA)
Tel: (84) 835150115
E-mail: vqhuong@vnua.edu.vn



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

- 30 Jun – 7 Aug, 2026. Intership titled “Techniques for detecting antibiotic residues in meat and eggs” at University of Liège, Belgium.
- 9 Feb – 22 April, 2026. Internship titled “Optimising protein utilisation to improve chicken meat quality and reduce environmental impact” at the University of Sydney, Australia.

- 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.

TEACHING RESPONSIBILITIES

- Food supply chain management (post-graduate)
- Preservation and processing technology of animal-based products (post-graduate)
- Meat processing technology (under-graduate)
- Dairy processing technology (under-graduate)
- Introduction to food science and technology (under-graduate)
- Sensory evaluation of food (under-graduate)

RESEARCH AREAS

- Using One Health approach in improving food safety
- Food safety assessment
- Food microbiology
- Milk and milk products processing technology
- Meat and meat products processing technology

SCIENTIFIC HONOURS AND AWARDS

- Award of Australia Awards Fellowship (2023).
- Scholarship in the frame of the institutional support between the Belgian French speaking universities (ARES-CCD) for PhD Degree (2016-2020), Postdoctoral research projects (2021-2022) and internship (2026).
- Scholarship for Development of Food-Value-Chain in ASEAN Countries, funded by Ministry of Agriculture, Forestry and Fisheries of Japan (MAFF) (2016).
- Award of Australia Award Scholarship for Master’s degree (2012-2014).
- A scholarship of Vietnam Government for undergraduate program (2005-2009).
- Award for Excellent Student in academic course (2005-2009).
- Award for excellent achievements in student union activities and voluntary youth movement in academic year 2005–2006; 2007 – 2008.

PROJECTS

Project titles	***Duration***	***Sponsor***

Assessment the contamination of antimicrobial-resistant *Staphylococcus aureus* in the free-range chicken production in Hai Phong	2026-2027	ARES-CCD, Belgium
Evaluation of cinnamon forms as feed additives in Ross 308 broilers	2026	Koica project, Korea
Impact of farming methods on antibiotics residues in chicken meat and eggs in Hai Duong province	2025-2026	ARES-CCD, Belgium
Effects of black soldier fly larvae (*Hermetia illucens*) powder and herbal mixture on productivity, egg quality, and intestinal and bone health indicators in commercial egg-laying hens	2025-2026	ARES-CCD
Productivity and meat quality of Lac Son chicken at different slaughter age	2025	ARES-CCD
Assessment of food safety and *Salmonella* prevalence at poultry slaughterhouses in Gia Lam district, Hanoi (PI)	2025	ARES-CCD
Prevalence and antibacterial resistance of *Escherichia coli* in chicken eggs consumed in Hai Duong province	2025	VNUA
Leading the development of a Multi-Sectoral Adaptation Action Plan for the Siphandone Wetland, Lao PDR (consultant)	4-12/2024	WWF-LAOS
Assessment of Climate Change Impacts and Food Safety Challenges in Agriculture (Consultant) Location: Cambodia, Laos, Myanmar, Thailand, and Vietnam	9-11/2023	Mekong Institute
Research on the use of herbal supplementary feed formulas in raising laying hens for the production of 'herbal eggs' in Hai Duong province	2024-2025	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 (PI)	2023-2024	Tien Yen district
Developing of nutritional dairy products to meet the Vietnamese market needs through training and research cooperation with Ireland	2022-2024	Irish Aid
Isolation and Selection of Cellulose-degrading Bacteria to process banana by-products (PI)	2022-2023	VNUA

Herbal supplements in raising commercial chickens towards safety, quality and high economic efficiency in Hai Duong province	2022-2023	Hai Duong province
Assessment and improvement of the microbial safety of Vietnamese traditional fermented meat products (PI)	2021	ARES-CCD
Meat quality and sensory analysis of Tien Yen chicken at different slaughter times	2021	Vietnam-Belgium project
Capacity building in improving food safety on milk supply chain for Vietnam via training experts and joint research	2020-2021	Irish Aid
Application of self-mixed feed from available raw materials to improve meat quality and efficiency of commercial Tien Yen chicken	2021 - 2022	Tien Yen district
Beta-galactosidase of food grade bacteria: from screening to production and preliminary application	2017 - 2019	ARES - CCD
Screening, characterization and production of antimicrobial peptides produced by GRAS (Generally Recognized As Safe) bacteria from Vietnamese fermented food	2015 - 2017	ARES - CCD
Research production of child nutritional powder supplements protein, calcium and zinc from toad muscle and bone	2011-2012	CUD
Assessment of food safety and hygiene quality at the agro-processing enterprise in Hai Duong province	2012	CUD
Quality evaluation of rice noodles products in Cam Vu commune, Cam Giang district, Hai Duong province (SVB2011-8-60)	2011	VNUA
Nitrate residues before and after processing of cabbage and carrots consumed in Hanoi (SVB2011-8-95)	2011	VNUA
Test in vitro for detection the endocrine disruptors and dioxin-like present in the environment of aquaculture and animal production	2010-2012	CUD
Improvement of the flavour of soybean yoghurt	2009-2010	VNUA

PUBLICATIONS

Text book and monograph

Vu Quynh Huong, Vu Thi Hanh, Tran Thi Nhung, Than Thi Huong. 2024. Meat processing technology. Agricultural Publishing House, Hanoi, Vietnam.

Journal articles

Huong Quynh Vu, Linh Phuong Nguyen, Thien-Kim Le (2026). Prevalence of antibiotic-resistant *Escherichia coli* in chicken eggs from local markets in Hai Duong, Vietnam. Journal of Microbiology, Biotechnology and Food Sciences (Under review).

Huong Quynh Vu, Thien-Kim Le (2026). Linking Infrastructure and Hygiene Practices to Salmonella Prevalence in Poultry Slaughter Points at Wet Market. Journal of Food Quality and Hazards Control (Under review).

Nguyen Thi Nga, **Vu Quynh Huong**, Bui Van Hue, Nguyen Van Duy, Vu Dinh Ton (2026). Evaluation of productivity and meat quality of Lac Son Ri chickens at different slaughter ages. *Vietnam J. Agri. Sci*, 24(9): 1205-1213. https://doi.org/10.31817/tckhnnvn.2026.24.9.04

Nguyen Duc Doan, **Vu Quynh Huong** (2026). Effect of starter cultures and storage conditions on gamma-aminobutyric acid and phytic acid contents in a yoghurt-like product made from germinated hyacinth bean. *Vietnam J. Agri. Sci*, 9(3), 3124-3130. https://doi.org/10.31817/vjas.2026.9.3.07

Huong Quynh Vu, Duy Van Nguyen, Ton Dinh Vu (2026). Impact of supplementation of herbal blend and cinamon powder on growth performance and egg quality of laying hens. *Journal of World Poultry Research*, 16(1), 60-67.

Vu Quynh Huong, Nguyen Van Duy, Le Luong Thinh, Vu Thi Hien, Dang Thuy Nhung, Nguyen Thi Nga, Ha Xuan Bo, Nguyen Chi Thanh, Nguyen Thi Phuong, Hoang Anh Tuan, Vu Dinh Ton (2026). Effects of herbal supplementation in diets on blood biochemical parameters, productivity, and meat quality of spent hens. *Vietnam Journal of Agriculture and Environment*, 521(2), 39-49.

Vu Quynh Huong, Nguyen Vinh Hoang, Nguyen Thi Huyen (2025). Isolation and selection of cellulose degarding bacteria and prelimimary application in banana by-product treatment. *Vietnam J. Agri. Sci.*, *23*(2), 246-255.

Vu Quynh Huong, Tran Thi Nhung, Nguyen Thi Hong, Pham Thi Diu (2024). Assessment of key factors influencing the production process of beaning herbs Tien Yen chicken. *Journal of Animal Husbandry Sciences and Technics*, 305, 66-70.

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*, 303, 63-68.

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.

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

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. *In the proceeding International symposium on animal nutrition and feed technology 2024,* 4 October 2024, Hanoi, Vietnam.

Vu Quynh Huong, Nguyen Thi Thanh Thuy, Salifu Adam, Janete Taiobo Algumassa (2023) Climate change and food safety. *In the proceeding of Conference on Food Safety and Health,* 10 November 2023, Hanoi, Vietnam. ISBN 978-604-924-768-2

Vu Quynh Huong, Nguyen Van Duy, Nguyen Thi Nga, Vu Dinh Ton (2023). Effects of dietary cinnamon powder supplementation on growth performance, meat yield, and physiological and biochemical blood parameters of broiler chickens. *In the proceeding of Conference on Food Safety and Health,* 10 November 2023, Hanoi, Vietnam. ISBN 978-604-924-768-2

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.