

SCIENTIFIC CURRICULUM VITAE

1. Full name: LE THI THU HUONG			
2. Date of birth: 29.01.1986		3. Gender: Female	
4. Title: PhD			
5. Position: Vice head of Department, Lecturer			
6. Home address: no. 127/163 Tu Dinh street, Long Bien commune, Long Bien district, Hanoi			
7. Mobile: +84989291286			
8. Fax: E-mail: lehuongmaket@gmail.com , lethithuhuong@vnua.edu.vn			
9. Institution : Vietnam National University of Agriculture (VNUA) Employer: Nguyen Thi Lan Phone number: 024.62617586 Address: Trau Quy, Gia Lam, Hanoi			
10. Education			
Academic degree	Institutions	Major	Year
Bachelor	Hanoi University of Education	Chemistry	2008
Master	Hanoi University of Education	Chemistry	2011
Doctor	Vietnam Academy of Science and Technology	Materials Science	2019
11. Professional experience:			
Years	Position	Institution	Address
Since 2009 to present	Lecturer, Vice head of Department (since 2015)	Department of Chemistry, Faculty of Environment, Vietnam National University of Agriculture	Trau Quy, Gia Lam, Hanoi
12. Expertise and research interests			
<i>a) List of projects:</i>			
1. Water decontamination and disinfection by greenly synthesized graphene oxide/Fe ₃ O ₄ /Ag nano systems. 2019-2021. International Foudation of Science. Principal Investigator.			
2. Extract essential oils of Cucurma Aromatica Salisb rhizomes to apply in food preservation. 2019. Vietnam-Belgium project, VNUA, Principal Investigator.			
3. Research on manufacturing biological waterproofing membrane for food packaging from chitosan and lignin. 2019. VNUA. Project member			
4. Researching on optimization the pulp formula for food packaging materials from sugar cane bagasse and lemongrass by-product (after essential oil distillation). 2019. VNUA. Project member.			

5. Research to complete the production process of nutritious vegetable powder products. 2018-2020. Key project funded by VNUA. Project member.
6. Developing integrated nanomaterials for plants to cope with climate change. 2017-2018. VCIC, MOET. Project member
7. Fabrication and bioassay of multifunctional nanoparticles based targeted drug delivery systems (polymer-drug-folate). 2016-2019. Nafosted. Project member.
8. Fabrication of graphene oxide/iron magnetic oxide nanomaterials (GO/Fe₃O₄) and utility to treat organic pigment containing waste water. 2017. VNUA. Principal Investigator.
9. Synthesis of iron nanoparticles with green tea leaf extract to treat some contaminants in water. 2017. Vietnam-Belgium project, VNUA. Project member

b) List of important publications:

1. Doxorubicin release by magnetic inductive heating and in vivo hyperthermia-chemotherapy combined cancer treatment of multifunctional magnetic nanoparticles. New Journal of Chemistry. 2019
2. Graphene oxide-based materials for the treatment of contaminated water: a review. Vietnam Journal of Agricultural Science. 2019.
3. Optimizing the alginate coating layer of Doxorubicin loaded iron oxide nanoparticles for cancer hyperthermia and chemotherapy. Journal of Materials Science. 2018.
4. Synthesis and characteristic of composites made of lemongrass byproduct and sugarcane bagasse (in Vietnamese). Science and Technology Journal of Agriculture and Rural Development. 2018 .
5. Green Synthesis and Utility of Nano Fe for Cr(VI) Treatment. Vietnam Journal of Agricultural Science. 2018.
6. Folate attached, curcumin loaded Fe₃O₄ nanoparticles: a novel multifunctional drug delivery system for cancer treatment. Chemistry and Physics. 2016
7. Characteristics and cytotoxicity of folate-modified curcumin-loaded PLA-PEG micellar nano systems with various PLA:PEG ratios. International Journal of Pharmaceutics. 2016 .

13. Awards:

No.	Awards	Year
1	First Prize Winner in the new Startup category, 2018 Challenge for our Environment (launched by U.S. Embassy in Hanoi)	2018
2	Top 30 finalists of Citypreneurs in Seoul, Korea.	2019
3	UNLEASH Lab talent in Shenzhen, China.	2019

Hanoi, December 3, 2019

Applicant

Le Thi Thu Huong