

PHAN CANH TRINH

Lecturer at Microbiology and Parasitology Department, Faculty of Pharmacy

University of Medicine and Pharmacy at Ho Chi Minh City (UMP)

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EDUCATION

University of Medicine and Pharmacy at Ho Chi Minh City 2019

Master of Science in Pharmacy – Industrial Pharmacy and Pharmaceutics

GPA: 8.4/10 – Ranking: 1/30. Thesis Defense: 10/10 - Ranking: 1/30".

Diploma Thesis: "*Dirinaria applanata*: morphology, chemical composition and antimicrobial activity";

Supervisor: Dinh-Nga Nguyen, Assoc. Prof. Ph.D.;

Vietnam National University - Ho Chi Minh City (VNU-HCM, UIT) 2018

Bachelor of Information Technology (Distance education)

GPA: 8.14/10. "Certificate of honor for outstanding student"

University of Medicine and Pharmacy at Ho Chi Minh City 2015

Bachelor of Pharmacy

GPA: 7.36/10. Thesis Defense: 10/10.

Diploma Thesis: "Study on fermentation conditions for *Bacillus subtilis* KP3 spores production"

Supervisor: Thanh-Thao Vu, PhD. and Cat-Dong Tran, Assoc. Prof. Ph.D.

PUBLICATIONS

Publications: 7 peer-reviewed articles including 1 SCIE article on eCam-Hindawi (4 citations), 1 international project.

- **Phan-Canh Trinh***, et al. DPPH-Scavenging and Antimicrobial Activities of Asteraceae Medicinal Plants on Uropathogenic Bacteria. **Evidence-Based Complementary and Alternative Medicine**, (2020) DOI: [10.1101/2019.12.25.888404](https://doi.org/10.1101/2019.12.25.888404). (* Corresponding author).
- **Phan-Canh Trinh**, et al. Identification of *Acinetobacter baumannii* and detection of β – lactam antibiotic resistance genes in clinical samples by multiplex PCR. **bioRxiv**, 2020.10.25.353896; doi:[10.1101/2020.10.25.353896](https://doi.org/10.1101/2020.10.25.353896).
- **Phan-Canh Trinh** & Mai T. T. Duong. Damar batu essential oil: in vitro antimicrobial activities and perspectives. (2019). TRAC Sweden/Vietnam Project Report.
- **Phan-Canh Trinh**, et al. *Dirinaria applanata*: morphology, chemical composition and antimicrobial activity. Ho Chi Minh City J. Med. 23, 47–54 (2019).

Conference presentations: 1 poster presentation at international conference (ASEAN PharmNET 2017).

WORK AND RESEARCH EXPERIENCES

University of Medicine and Pharmacy at Ho Chi Minh City March 2016 – present

Lecturer at Department of Microbiology and Parasitology, Faculty of Pharmacy

Reviewer 2020

Biofarmasi J Nat Prod Biochem; International Journal of One Health

Thongtintuoc.com – Vietnamese Drug Interactions Checker October 2015 – January 2017

Administrator of thongtintuoc.com

HONORS AND AWARDS

November 2019: Consolation prize in Eureka Scientific Competition 21st

The most reliable and biggest student scientific competition in Vietnam.

Guided a team to conduct a research in extraction and antimicrobial assay of compounds from tropical lichen. Trained experimental design, scientific reading, writing, and presentation skill.

2017-2019: Certificates “Advanced Youth Certification” - continuously winning the title in 3 years. Honor issued by the Board of University of Medicine and Pharmacy at Ho Chi Minh City. The award for outstanding youth leaders at The University of Medicine and Pharmacy at Ho Chi Minh City.

September 5, 2015: Homtamin Scholarship.

Awarded by Korea United Pharm Company for outstanding students in the academy and social activities.

November 20, 2013: Daewoong Scholarship.

Awarded by Daewoong Pharmaceutical Company for outstanding students in the academy.

April 15, 2012: First Prize in Scientific Research Contest – Seeking Elixir 3rd.

Won the first prize in the student scientific research of Pharmacy School with a research project titled “Investigating the situation of antibiotic use and appropriate antibiotic use solutions in Ho Chi Minh City”.

2010-2015: Certificates of “Student of Five Merits” – continuously winning the title in 5 years.

Honor issued by the Board of University of Medicine and Pharmacy at Ho Chi Minh City. The award for students who possess 5 good criteria: Morality, Knowledge, Physical Health, Social Skills, and Integration Competence.

December 10, 2009: Thua Thien Hue Innovation Contest For Youth Youth 2nd.

In this project, we design software to support high-school students for learning biology and this project won a consolation award of Thua Thien Hue Union Of Science And Technology Association.

FUNDING

“Damar batu” essential oil: *In vitro* antimicrobial activities and perspectives (2019 TRAC-K9MATLAR); Developing healthcare products containing sporoderm-broken spores of *Ganoderma lucidum* (2020 888/QĐ-SKHCHN); Multiplex-PCR method for identification of *Candida* spp (2020 UMP Grant); Synthesizing and evaluating the anti-staphylococcal activity of derivatives 2-pyrazoline and 2-isoxazoline (2020 UMP Grant); *Dirinaria applanata*: antimicrobial activities of a lichen colonised on Coconut tree (2018 UMP Grant); Isolation and Selection some Actinobacteria from soil collected around Industrial Zone (2018 UMP Grant); Screening antimicrobial capacity of plants in Asteraceae species (2017 UMP Grant).

TEACHING EXPERIENCES

University of Medicine and Pharmacy at Ho Chi Minh City	2016 – present
Teaching microbiology, molecular biology, and pharmaceutical biotechnology for pharmacy students annually from 2016. Designed 4 laboratory courses for exchange students from Japan (1 course in 2019), Korea (2 courses in 2018 and 2019), and Thailand (1 course in 2019) (5 hours and 5-10 students/course). Participating development of 9 e-learning courses of Microbiology and Parasitology Department at UMP. Designed the course of scientific research skills (3 days) and trained for pharmacy students in summer research programs at UMP from 2016 to 2020 (~70 students every year).	

SKILLS AND COMMUNITY WORK

Technical skills: basic skill in Python and R; experimental visualization with Adobe Photoshop and Adobe Illustrator; data analysis and visualization with Excel, Graphpad Prism; excellent in Microsoft Office, Zotero, Endnote, Window, MacOS, Internet..

Leadership and teamwork: 2019-present: Secretary of the Youth Union at the Faculty of Pharmacy to coordinate extracurricular activities of pharmacy students (2500 members); 2017-present: Advisor of Pharmacy Academic Club; 2011-2014: Co-founder and Chair of Pharmacy Skill Club to organized soft skill training programs for pharmacy students; 2010-2015: Member of the Executive Committee of Pharmacy Students' Association to organized extracurricular activities for students at Faculty of Pharmacy.