



UNIVERSITY OF MEDICINE AND PHARMACY AT HO CHI MINH CITY

Faculty of Pharmacy

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Ho Chi Minh City, 30 Oct, 2024,

I am Tuyen Ngoc TRUONG, the Principal Investigator of the project "**Medical Education For Future: Generative AI Study—Multi-objective Approach Toward De Novo Design of Dual EGFR and VEGFR Inhibitors.**" in the 2024 Joint Research Program. It was organized by Korea International Cooperation Agency (KOICA), Yonsei University Health System and the University of Medicine and Pharmacy at Ho Chi Minh City.

I confirm that Mr. Gia-Bao TRUONG has actively participated as a mentee in this project since May 2024.

In this capacity, Mr. Gia-Bao TRUONG's responsibilities included implementing the Junction Tree Variational Autoencoder (JTVAE) model to design new molecules targeting EGFR and VEGFR-2 utilizing physicochemical properties, bioactivity, and target binding affinity. By leveraging Bayesian optimization on the latent space of JTVAE, he seeks to generate compounds potentially inhibiting these targets for more effective cancer treatment.

Please feel free to contact me should you require any further information or clarification regarding his involvement and contributions to our project.

Assoc. Prof. Tuyen Ngoc TRUONG

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Higher Education Program For A Better Future

Certificate

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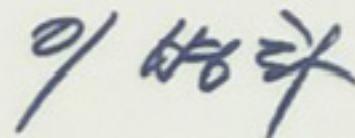
Assoc. Prof. Truong Ngoc Tuyen

Has been honored with selection as an Awardee in the 2024 Joint Research Program,
Demonstrating exceptional promise in the field of research.

In recognition of your selection for the research program,
A research grant of KRW 44,000,000 has been awarded to support your research endeavors.

The program is organized by
The Korea International Cooperation Agency, Yonsei University Health System,
And the University of Medicine and Pharmacy at Ho Chi Minh City
Under the International Cooperation Program of the Government of Korea.

March 31, 2024



Byung Hwa Lee

Country Director, KOICA Viet Nam Office



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UNIVERSITY OF MEDICINE AND PHARMACY AT HO CHI MINH CITY

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