DO QUYNH NHUNG

PhD candidate

Jan 02, 1996

Female

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OBJECTIVE

- Approach and familiarize with cutting-edge techniques in the biotechnological and pharmaceutical field.
- Carry out the experiment with skillful techniques to achieve effective outcomes.
- Experience in an active, professional, and international working environment.
- Contribute to the fulfillment and development of the product.

SKILLS

Office

Logical thinking and creative

Public Speaking

INTERESTS

- Playing sports
- Reading

EDUCATION

KYUNG HEE UNIVERSITY (REPUBLIC OF KOREA) **SEP 2019 - AUG 2021**
Master of Science of Biotechnology

GPA: 4.27/4.3

VIETNAM NATIONAL UNIVERSITY OF AGRICULTURE (VIETNAM) **SEP 2014 - DEC 2018**
Bachelor of Biotechnology

GPA: 3.25/4

WORK EXPERIENCE

KYUNG HEE UNIVERSITY, GLOBAL CAMPUS **AUG 2021 - DEC 2021**
Researcher

Main responsibilities:
- Assess the potential pharmaceutical activities of herbal extract
- Study and evaluate the efficacy of herbal extracts on anti-inflammation, anti-aging, anti-allergy, and atopic dermatitis
- Set up and conduct experiments on several cell lines including humans, rats, and mice.
- Analyze and explain data, and problem-solving skills related to cell culture and experiment designs
- Arrange analytical data and write papers
- Answer revision round and publish scientific papers
- Lab maintenance and development

SKILLS & EXPERIENCE

- Be able to step herbal extraction
- Understood the underlying mechanisms of studied-ongoing diseases
- Suffered on human and animal cell lines culture such as HaCaT, NHDF, RAW 264.7, and RBL-2H3 cells
- Designed and conducted experiments regarding inflammatory, aging, and allergic diseases
- Experienced in molecular biology experiments such as FACS, RT-PCR, Western blot, and ELISA
- Prepared and wrote academic manuscripts
- Published scientific papers in international journals
- Good English comprehensive skills

HONORS & AWARDS

Full Scholarship for Master course at Kyung Hee University **2019-2021**

Monsanto VNUA Scholarship - Scientific research **2018-2019**

PUBLICATIONS

First-author:

1. **Do, N.Q.**; Zheng, S.; Oh, S.; Nguyen, Q.T.N.; Fang, M.; Kim, M.; Choi, J.; Kim, M.-J.; Jeong, J.; Yi, T.-H. Anti-Allergic Effects of *Myrciaria dubia* (Camu-Camu) Fruit Extract by Inhibiting Histamine H1 and H4 Receptors and Histidine Decarboxylase in RBL-2H3 Cells. Antioxidants 2022, 11, 104. **Impact Factor: 6.3**
2. **Do, N.Q.**; Zheng, S.; Park, B.; Nguyen, Q.T.N.; Choi, B.-R.; Fang, M.; Kim, M.; Jeong, J.; Choi, J.; Yang, S.-J.; Yi, T.-H. Camu-Camu Fruit Extract Inhibits Oxidative Stress and Inflammatory Responses by Regulating NFAT and Nrf2 Signaling Pathways in High Glucose-Induced Human Keratinocytes. *Molecules* 2021, 26, 3174. **Impact Factor: 4.4**

Co-author:

1. Nguyen, Q.T.N.; Fang, M.; **Do, N.Q.**; Jeong, J.; Oh, S.; Zheng, S.; Kim, M.; Choi, J.; Lim, S.; Yi,T.H. *Anemopsis californica* Attenuates Photoaging by Regulating MAPK, NRF2, and NFATc1Signaling Pathways. Antioxidants 2021, 10, 1882.
2. Nguyen, Q.T.N.; Fang, M.; Zhang, M.; **Do, N.Q.**; Kim, M.; Zheng, S.D.; Hwang, E.; Yi, T.H.*Crataegus laevigata* Suppresses LPS-Induced Oxidative Stress during Inflammatory Responsein Human Keratinocytes by Regulating the MAPKs/AP-1, NFκB, and NFAT Signaling Pathways.Molecules 2021, 26, 869.
3. Ngo, H.T.T.; Hwang E; Seo, S.A.; Yang J.-E; Nguyen, Q.T.N.; **Do, N.Q.**; Yi, T.-H. Mixture ofenzyme-processed *Panax ginseng* and *Gastrodia elata* extract prevents UVB-induceddecrease of procollagen type 1 and increase of MMP-1 and IL-6 in human dermal fibroblasts.Bioscience, Biotechnology, and Biochemistry 2020, 84:11, 2327-2336.6. Ngo, 4. H.T.T.; Fang, M.; Hwang, E.; Kim, Y.; Park, B.; Seo, S.A.;**Do, N.Q.**; Nguyen, Q.T.N.; Yi, T.-H. Inhibitory Effects of *Urtica thunbergiana* Ethanol Extract on Atopic Dermatitis-InducedNC/Nga Mice. Antioxidants 2020, 9, 197

REFERENCES

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