

CURRICULUM VITAE



I. PERSONAL INFORMATION

Family given name: **DO VIET HA**

Gender: Female

Date of birth: 06 May, 1981

Place of birth: Ho Chi Minh City (HCMC)

Country of birth: Vietnam

Nationality: Vietnamese

Ethnics: Kinh

Religion: None

Marital status: Married

Occupation: Postdoctoral Researcher

Organization: Center for Food and Bioconvergence (CFB)

Address in Vietnam:

33, street no. 3, Him Lam quarters, Thu Duc district, Ho Chi Minh City, Vietnam.

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II. EDUCATION, EMPLOYMENT & SKILLS

(1) Undergraduate studies

- 1987 - 1992: Tan Phu elementary school, Thu Duc district, HCMC, Vietnam
- 1992 - 1995: Linh Xuan secondary school, Thu Duc district, HCMC, Vietnam
- 1995 - 1996: Quang Trung secondary school, Go Vap district, HCMC, Vietnam
- 1996 - 1999: Go Vap high school, Go Vap district, HCMC, Vietnam
- 1999 - 2004: Bach Khoa University (Ho Chi Minh University of Technology-HCMUT), district 10, HCMC, Vietnam

(2) Employment

- 2004 - 2006: assistant lecturer, Department of Chemical Engineering, Nong Lam University (Ho Chi Minh University of Agriculture and Forestry-HCMUAF), HCMC, Vietnam.

(3) Graduate studies

- 03/2006 – 03/2008: Master of Engineering, Dept. of Biosystems & Biomaterials Science and Engineering, College of Agriculture and Life Sciences, Seoul National University, Republic of Korea.
- 03/2008 – 03/2013: PhD, Dept. of Biosystems & Biomaterials Science and Engineering, College of Agriculture and Life Sciences, Seoul National University, Republic of Korea.

(4) Employment

- 03/2013-until now: work as postdoctoral researcher at Center for Food and Bioconvergence (CFB), Seoul National University, Republic of Korea.

(5) Advanced skills

- Microsoft Office Windows (Win, Word, Excel)
- Language: English (IELTS 5.5, TOEFL ITP 523, TEPS 621)
- Statistical analyses (Sigma Plot, ANOVA, SPSS, PCA-Principle Component Analysis)
- Starch & modified starch biochemistry, molecular biology (molecular characterization), microstructure (optical microscopy, Scanning Electron Microscopy-SEM), food texture & rheology, Thin-layer Chromatography (TLC), High Performance Liquid Chromatography (HPLC), Size Exclusion Chromatography with Multi Angle Light Scattering and Refractive Index (SEC-MALLS-RI), High Pressure Anion Exchange Chromatography (HPAEC), Matrix-assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry (MALDI-TOF/MS), Differential Scanning Calorimetry (DSC), Proton Nuclear Magnetic Resonance ($^1\text{H-NMR}$), cell transformation & enzyme technology, biochemical modification of biopolymer, etc.

III. POSTERS

1. Young Sam Moon, Eun Jung Lee, **Do Viet Ha** and Yong Ro Kim. Characterization of thermoreversible corn starch gel modified by 4- α -glucanotransferase. Korea-China-Japan International Symposium. June 14-16, **2006**, Jeju ICC, Korea.
2. Young Sam Moon, Eun Jung Lee, Kyu Hong Han, **Do Viet Ha** and Yong Ro Kim. Quality improvement of Japanese style noodle by enzyme treatment. Korea-China-Japan International Symposium. June 14-16, **2006**, Jeju ICC, Korea.
3. **Ha V Do**, Young-Sam Moon, Kwan-Hwa Park, Yong-Ro Kim, Choon-Gil Kang, Jae-Yong Shim. Effects of 4- α -glucanotransferase on microstructure and textural properties of starch gels. IFT Annual Meeting. 28 July – 1 August **2007**, Chicago, IL, USA.
4. **Viet Ha Do**, Young-Sam Moon, Kwan-Hwa Park, Yong-Ro Kim. Physicochemical properties of rice starch modified by *Thermus aquaticus* 4- α -glucanotransferase. US-Korea Conference (UKC), August **2007**.
5. **Viet Ha Do**, Choon Gil Kang, and Yong-Ro Kim. Production of Enzymatically-Modified Starch-Based Fat Mimetics using 4- α -glucanotransferase. Food Engineering Conference, **2007**.
6. **Viet Ha Do**, Saehun Mun, Kwan-Hwa Park, and Yong-Ro Kim. The 4- α -glucanotransferase-modified rice starch gel: a promising candidate for fat mimetic. Korean Society of Food Science and Technology (KOFOST) Conference, **2008**.
7. **Ha V. Do**, Saehun Mun, Jae-Yong Shim, Kwan-Hwa Park, and Yong-Ro Kim. Amylose supplementation and rice starch modifications using 4- α -glucanotransferase. Korean Society of Food Science and Technology (KOFOST) Conference, **2010**.
8. **V. Do**, Y. Kim, J. Shim. Effects of Amylose Supplementation and Multiple Enzyme Treatment on Physicochemical Properties of Rice Starch. IFT **2013** Annual Meeting Scientific Program, July 13-16, Chicago, IL, USA.

IV. PUBLICATIONS

1. **Do Viet Ha**, Eun Jung Lee, Young Sam Moon, Yong Ro Kim. **Production of thermoreversible starch gel modified by 4- α -glucanotransferase**. Proceedings of the 3rd International Symposium on Machinery and Mechatronics for Agricultural and Biosystems Engineering (ISMAB). 23-25 November **2006**, Seoul, Korea.

2. Bhuiyan, M. J. H., **Do, H. V.**, Mun, S., Jun, H. J., Lee, J. H., Kim, Y. R., & Lee, S. J. (2011). **Hypocholesterolemic and hypoglycemic effects of enzymatically modified carbohydrates from rice in high-fat-fed C57BL/6J mice.** *Molecular Nutrition & Food Research*, 55, S214-S226
3. **Do, H. V.**, Lee, E. J., Park, J. H., Park, K. H., Shim, J. Y., Mun, S., & Kim, Y. R. (2012). **Structural and physicochemical properties of starch gels prepared from partially modified starches using *Thermus aquaticus* 4- α -glucanotransferase.** *Carbohydrate Polymers*, 87, 2455-2463

I certify that all information provided above is true and accurate to the best of my knowledge.

Seoul, 23 December 2013

Signature

A handwritten signature in blue ink, appearing to be 'Do Viet Ha', written in a cursive style.

Do Viet Ha