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| PERSONAL INFORMATION | **NGUYEN Thi Kieu Oanh, PhD, Pharm.D**  **Lecturer - Researcher**  Department of Pharmacological Medical and Agronomical Biotechnology  University of Science and Technology of Hanoi |
|  | 18 Hoang Quoc Viet – Cau Giay – Hanoi – Vietnam | |
| +84 9 88 40 76 36 | |
| *nguyen-thi-kieu.oanh@usth.edu.vn* | |
| Sex Female  Date of birth 07.11.1986  Nationality Vietnamese  Married, 1 child | |

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| EDUCATION AND TRAINING |  |

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| April. 2010- Nov. 2013 | | **PhD degree in Biotechnology vegetal** |  | | |
|  | | University of Picardy Jules Verne (**UPJV**), Amiens, France  Subject: Metabolomic analysis of *Isatis tinctoria* L. and *Datura* *innoxia* Mill.; Use of correlation networks for the study of phytopharmaceuticals biosynthesis. | | |  |
|  | |  |  | | |
| Sept. 2004 – June. 2009 | | **Pharm.D degree** |  | | |
|  | | Hanoi University of Pharmacy (**HUP**), Hanoi, Vietnam  Grade: Very Good ***(GPA: 8.07/10)*** | |  | |
| RESEARCH EXPERIENCE |  | | | | | |

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| Mar. 2014 – present  Apr. 2010 – Nov. 2013  Jul. 2009 – Dec. 2009  Sept. 2006 – May. 2009  May. 2005 – Oct. 2005 | **Lecturer in Department of Pharmacological Medical and Agronomical Biotechnology, University of Science and Technology of Hanoi, Vietnam**  **PhD student in the laboratory EA3900 - Biology of plants and Innovation- UPJV - Amiens, France.** |
| * Extraction, fraction, isolation, purification of natural products * Performance of analytical chemistry: Gas/Liquid Chromatography, UV VIS spectrometer, Mass Spectrometry. * Mass Spectrometry Data analysing * Biostatistics and bioinformatics analysing: XCMS/R * Others capacities: Botany, *In-vitro* culture, soilless culture, microbiology.   **R&D engineer in the laboratory R&D PHARBACO Central Pharmaceutical J.S.C No.1, Hanoi, Vietnam**  Pharmaceutical formulation of the tablets & capsules.  **Internship at the laboratory of Pharmacognosy, Hanoi University of Pharmacy**  Project: Extraction and Isolation of natural substance from medicinal plants (*Polygonum cuspidatum* Sieb Zucc, *Rheum palmatum* L., *Cassia tora* L., Polygonaceae)  **Field trips at Sapa – Lao Cai and Cuc Phuong & Ba Vi National Parks**  Project: Biodiversity and Conservation of Medicinal Plants in North Vietnam, Hanoi University of Pharmacy, Hanoi, Vietnam | |

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| LANGUAGE SKILLS |  |

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| Mother tongue(s) | Vietnamese | | | | |
| Other language(s) | UNDERSTANDING | | SPEAKING | | WRITING |
| Listening | Reading | Spoken interaction | Spoken production |  |
| French | C1 | C1 | C1 | C1 | C1 |
| English | C1 | C1 | B2 | B2 | B2 |

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| HONOURS AND AWARDS |  |

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| Dec. 2010 | | | | **USTH Scholarship – Ministry of Education and Training of Vietnam** | |
|  | | | | For 3 years of PhD in France | |
| Sept. 2004 – Jun. 2009 | | | | **Vietnamese Government Scholarship for Excellent Students** | |
|  | | | | For 5 years in Hanoi University of Pharmacy | |
|  | | | |  | |
| May. 2004 | | | | **Third Prize Award in the Contest of Chemistry for High School Students in Bacninh Vietnam** | |
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| PUBLICATIONS | |  | |
|  | |  | | | | |
| Aug. 2015  Mar. 2015  Nov. 2014 | | **Nguyen, K.O.**, Lanoue, A., Dauwe, R., Gontier, E.(2015). Unraveling the biochemical mechanism underlying increased hyoscyamine levels in *Agrobacterium rhizogenes* induced hairy roots of *Datura innoxia*. Phytochemistry. Volume 116, August 2015, Pages 94–103.  **Nguyen Thi Kieu Oanh**; Pham Hoang Nam ; Michalet Serge; Nazaret Sylvie; Nguyen Tien Dat; Dijoux-Franca Marie-Geneviève. Preliminary Study of Plants Growing on Metalliferous Areas by Using Metabolite Profiling Approach.  ASEAN-EU Science, Technology & Innovation Days 2015, Paris France 17-19 March. ISBN: 978-963-12-1839-8.  Tran Phuong Thao, Pham Hoang Nam, Nguyen Thi Tham, Bui Thi Mai Anh, Nguyen Hai Dang, Le Thi Phuong Quynh, **Nguyen Thi Kieu Oanh**, Dijoux-Franca Marie-Geneviève, Nguyen Tien Dat (2014). Antioxidant activity of several hyper-accumulator plants collected in Thai Nguyen, Vietnam. *The first Vast-Bas workshop on science and technology proceeding, 19-20 November, Halong, Quang Ninh, Vietnam.* | | | | |
| Jun. 2013  Jun. 2013  Mar. 2013  Jun. 2010  Feb. 2008 | | **K.O. Nguyen**, A. Lanoue, R. Dauwe, E. Gontier (2013). Improving the understanding of the stimulating effect of *Agrobacterium rhizogenes* on the tropane alkaloid biosynthesis pathway in *Datura innoxia* Mill. using metabolite correlation networks. *7èmes Journées Scientifiques du Réseau Français Métabolomique et Fluxomique, 10-13 Juin, Amiens, France.*  **K.O. Nguyen**, K. Morreel, P. Marcello, E. Gontier, R. Dauwe (2013). Evaluation of a metabolic profiling strategy using liquid chromatography LTQ Orbitrap mass spectrometry for the metabolic characterization of *Isatis tinctoria* L. leaf extracts. *7èmes Journées Scientifiques du Réseau Français Métabolomique et Fluxomique, 10-13 Juin, Amiens, France.*  **Nguyen,T.K.O.**, Dauwe, R., Bourgaud, F.& Gontier, E.; (2013). From bioreactor to entire plants: development of production systems for secondary metabolites; In Advances in Botanical Research; Ed. Guivarc'h; Biosynthesis of Alkaloids in Plants, Chapter 9: Bioengineering of alkaloid production in plant. *Advances in Botanical Research, Volume 68*, 205-230.  S. Schiltz, C. Jousse, **K.O Nguyen**, F. Bourgaurd, M. Boitel, E. Gontier (2010). Plant Secondary Metabolites Production: Will Plant and Cell Elicitation Open New Routes for Bioactive Compounds Discovery and Production? *\*COSM'ING 2010 - \*5th International Symposium and Business Meeting, 23-24 june 2010, St Malo, France.*  **Nguyen Thi Kieu Oanh**, Do Quyen (2008), Development of a quantitative method for analysis of anthranoids in medicinal plants, *Pharmaceutical Science and Technology Bulletin Vietnam, 14, p. 111-116.* | | | | |