



Biography

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Dr Tran Thi Nhu Trang is a senior lecturer-researcher at the NTT Hi-Tech Institute, Nguyen Tat Thanh University (NHTI–NTTU, Ho Chi Minh City, Vietnam), and an invited lecturer-researcher at the /Toulouse INP, France). She holds a PhD in Analytical Sciences from Université Claude Bernard Lyon 1 and the CNRS Service Central d'Analyse, now the Institut des Sciences Analytiques (ISA Lyon, France), and obtained the diploma of *Habilitation à Diriger des Recherches* (HDR; French Habilitation to Supervise Research) in Agresource Sciences from Toulouse INP. She previously served as Head of the Department of Analytical Chemistry at the University of Science, Vietnam National University Ho Chi Minh City (VNUHCM), and as Dean of the Faculty of Environmental and Food Engineering at NTTU.

Her research focuses on analytical sciences applied to environmental, food and bio-based matrices, with particular expertise in chromatographic and mass spectrometric methods, stable-isotope analysis, molecular fingerprinting, sample preparation, passive sampling and chemometrics. Her work addresses food quality, safety, authenticity and traceability, environmental contamination, bioactive compounds, and the characterisation and valorisation of agro-resources. She has authored 26 peer-reviewed articles in journals including *Analytical Chemistry*, *Food Chemistry* and *Chemosphere*, mainly as first and/or corresponding author, and has supervised PhD candidates, a postdoctoral researcher and numerous Master students. She has served as Principal Investigator of 11 funded national and international research projects and is co-leader of the “France–Vietnam Joint Research Centre for Bioresource Transformation and Valorisation – FVBioVa Centre”, jointly developed by NHTI–NTTU and *Laboratoire de Chimie Agro-industrielle* (LCA – UMR 1010 INRAE/Toulouse INP).

She has established extensive research collaborations in Vietnam, France, Europe and the Asia-Pacific region, involving academic and research organisations such as IRD, IAEA, Toulouse INP and ISA Lyon, as well as industrial partners. She currently serves as a Topic Editor for *Frontiers in Sustainable Food Systems*.