

CURRICULUM VITAE

(by December 2021)

I. Personal information



Full name: **NGUYỄN ĐẮC KHOA**

Title: Doctor of Philosophy (PhD)

Positions: Associate Professor
Deputy Head, Department of Molecular Biotechnology,
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II. Academic background

- + BSc in Agriculture (Can Tho University, Vietnam)
- + MSc in Molecular Biology and Biotechnology (Minor in Microbiology) (University of the Philippines Los Baños and International Rice Research Institute, Philippines)
- + PhD in Plant Pathology (University of Copenhagen, Denmark)

III. Research activities

Research interests

- + Identification of pathogenic and beneficial microbes
- + Control of plant diseases using antagonism
- + Control of plant diseases using induced resistance
- + Investigation of pathogen population diversity for durable deployment of genetic resistance

Leader of the following research projects

- + Bio-pesticide production for the eco-friendly and sustainable disease management on rice, fruit trees, and vegetables (2005-2007; granted by the Ministry of Science and Technology and Ministry of Education and Training of Vietnam)
- + Isolation and identification of soil antagonistic bacteria for bio-control of rice bacterial leaf blight caused by *Xanthomonas oryzae* pv. *oryzae* in the Mekong Delta of Vietnam (2013-2014; granted by the Ministry of Education and Training of Vietnam)
- + Pathogen identification and bio-control of shallot bulb rot in Soc Trang, Vietnam (2015-2018; granted by the Department of Science and Technology of Soc Trang Province, Vietnam)
- + Study of induced resistance mechanisms of *Kalanchoe pinnata* leaf extract against rice bacterial leaf blight (2017; granted by Can Tho University, Vietnam)
- + Bio-formulation of the antagonistic *Serratia nematodiphila* CT-78 against *Xanthomonas oryzae* pv. *oryzae* causing rice bacterial leaf blight in Can Tho, Vietnam (2019-2022; granted by the Department of Science and Technology of Can Tho City, Vietnam)