Assoc. Prof. Dr. NGUYEN MINH CHON

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Research Interest

- Enzymes, Plant growth substances, regulators, bioactive compounds, weeds
- Endocrine, medicinal plants, carotenoids

Research Topics

- Mechanism action & application of bioactive substances & plant growth substances in agriculture, pest and weed management
- Extraction of natural compounds, enzymes and proteins
- The biochemistry and microbiology of biofuel production from lignocellulosic biomass
- Medicinal plants and biochemical reactions involving endocrine disease

Lecturing courses

- Biochemistry
- Methods of Biochemical Analysis and Bioanalytical Instrumentation
- Proteomics
- Plant Growth Substances

Typical Publications

1. Giáo trình chất điều hòa sinh trưởng thực vật. 2010
2. **Nguyen, M.C**., Koseki, N.N., Takeuchi, Y., and Abe, H., 2008. Role of ethylene in abnormal shoot growth induced by high concentration of brassinolide in rice seedlings. J Pestic Sci. 33(1): 67-72
3. Nghiem, N.P., **Nguyen, C.M.**, Drapcho., C.M. and Walker, T.H., 2013. Sweet Sorghum Biorefinery for Production of Fuel Ethanol and Value-Added Co-products. Biological Engineering Transactions. 6(3): 143-155
4. Duy, L., **Chon, N.M.**, Mann, R.K., Yerkes, C.N., and Kumar, B.V., 2017. Genetic diversity and herbicide resistance of 15 Echinochloa crus-galli populations to quinclorac in Mekong Delta of Vietnam and Arkansas of United States. Journal of Plant Biotechnology. 44(4), 472-477
5. **Nguyen Minh Chon**, Thai Đuc Anh & Le Thi Nhien, 2019. Genetic Diversity and Quinclorac Susceptibility Evaluation of Barnyard Grass (Echinochloa spp.) in Paddy Fields. Cantho University Journal of Science. 55(1): 151-159. (Vietnamese with abstract in English)