

CURRICULUM VITAE

Wuttiwat Jitjak (PhD), Asst. Prof.

ADDRESS

123 International College, Khon Kaen University, Khon Kaen, Thailand 40002

EMAIL

wuttiji@kku.ac.th

EXPERTISE

Fungal diversity, plant-fungi interaction, plant pathology, fungal metabolites and application

EDUCATION

2015 - PhD (Plant Pathology), Khon Kaen University, Thailand

2011 - Master of Science (Botany), University of Melbourne, Australia

2008 - Bachelor of Science (Biology), Khon Kaen University, Thailand

ACADEMIC EMPLOYMENT

2016 – Present Lecturer, International College, Khon Kaen University, Thailand

2015 – 2016 Postdoctoral position, ERASMUS-MUNDUS EXPERTS
SUSTAIN at The University of Göttingen, Germany

PUBLICATIONS

Jitjak, W. (2022). Assessment of toxin-producing genes in *Aspergillus* species from traditional herbal products in Khon Kaen province, Thailand using molecular method. *Food research*. In press

Jitjak, W., Chairop, W., Sanoamuang, N. (2021). Molecular Identification of Fungal Species Causing Brown Circular Leaf Spot Disease in Seedlings of Siamese Rosewood (*Dalbergia cochinchinensis* Pierre ex Laness). *Science & Technology Asia*. 26(3): 156-166.

Jitjak, W. and Sanoamuang, N.(2021). Application of cost-effective coating materials supplemented with different types of local essential oil to control *Fusarium verticillioides* (Sacc.) Nerenberg from post-harvest avocado fruits. *International Journal of Agricultural Technology*. 17 (3): 883-898.

Ly, L., Jitjak, W. (2020). Formation of 3-Dimensional Bio-Composite from Local Mushroom Mycelia. *The 5th TICC International Conference 2020 in Multidisciplinary Research Towards a Sustainable Society*, 154-170.

Jitjak, W., Sanoamuang, N. (2019) The contamination of toxins produced by naturally occurring fungi in non-chemical rice products. *International Journal of Agricultural Technology*. 15(1): 17-34.

Jitjak, W., Sanoamuang, N.(2019) A novel fungus, *Mycodonus formicartus* associated with black ant, *Dolichoderus thoracicus* (Smith) on bamboo. *Asia Pacific Journal of Science and Technology*,24,1-15.

Jitjak ,W., Sanoamuang N. (2018) Phylogenetic trees of aecial-stage rust fungus, *Puccinia paederiae* (Dietel) Gorlenko causing gall on *Paederia linearis* Hook f. *Walailak J Sci & Tech.* 15(10): 739-752

Monthatong M and Jitjak W. (2016) Utilization of sericin on water mold growth inhibition and serum substitution on cell culture. *KKU Sci. J.* 44(1): 22-31.

Oeurn S, Jitjak W and and Sanoamuang N. (2016) Molecular Identification of *Bipolaris cactivora* on Dragon Fruit in Thailand. *Khon Kaen Agr. J.* 44 (2): 351-362.

Oeurn S, Jitjak W and and Sanoamuang N. (2015) Fungi on Dragon Fruit in Loei Province, Thailand and the Ability of *Bipolaris cactivora* to Cause Post-harvest Fruit Rot. *KKU Res.j.* 20(4) : 405-418

Jitjak, W., Sa-Nguansri, N., Sanoamuang, N. (2015) Iron and zinc elements in red pigment produced by fungus, *gelatinomyces siamensis* and its role on bamboo. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences*, 17(4), pp. 859–864

Jitjak, W., Sodngam, S., Sanoamuang, N. (2014) Biological features and chemical components of red pigments produced by a novel ascomycete fungus, *Gelatinomyces siamensis* in liquid media. *Journal of Pure and Applied Microbiology*, 8(5), pp. 3377–3386

Sanoamuang N, Jitjak W, Rodtong S, Whalley AJ. (2013) *Gelatinomyces siamensis* gen. sp. nov. (Ascomycota, Leotiomycetes, incertae sedis) on bamboo in Thailand. *IMA Fungus.* 4(1):71-87.