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**Education**

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M.Sc. (Biotechnology) Department of Biotechnology

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B.Sc. (honor) (Biotechnology) Department of Applied Biology

King Mongkut’s Institute of Technology Ladkrabang

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**Professional Experience**

Postdoctoral researcher Department of Agronomy

College of Agricultural & Life Sciences

University of Wisconsin-Madison

Madison, Wisconsin, USA.

Visiting researcher Department of Soil, Water and Climate and

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**Research Areas**

Biological Nitrogen Fixation, Plant-Microbe Interaction, Plant-Associated Microorganisms, Microbial Ecology, Microbial Diversity, Molecular Microbiology

**Publications**

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**Research Articles in Journals**

Nimnoi, P. and **N. Pongsilp.** 2020. Distribution and expression of virulence genes in potentially pathogenic bacteria isolated from seafood in Thailand. CyTA - Journal of Food. 18(1): 753-763.

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Nimnoi, P., **N. Pongsilp** and P. Ruanpanun. 2017. Monitoring the efficiency of *Streptomyces galilaeus* strain KPS-C004 against root knot disease and the promotion of plant growth in the plant-parasitic nematode infested soils. Biological Control. 114: 158-166.

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**Pongsilp, N.**, P. Nimnoi and S. Lumyong. 2012. Genotypic diversity among rhizospheric bacteria of three legumes assessed by cultivation-dependent and cultivation-independent techniques. World Journal of Microbiology & Biotechnology. 28(2): 615-626.

**Pongsilp, N.** and N. Boonkerd. 2011. Transposon mutant of *Vigna radiata*-nodulating *Bradyrhizobium* sp. impaired in both resistance to stress conditions and symbiotic performance. African Journal of Microbiology Research. 5(25): 4303-4309.

Nimnoi, P., **N. Pongsilp** and S. Lumyong. 2011. Actinobacterial community and diversity in rhizosphere soils of *Aquilaria crassna* Pierre ex Lec assessed by RT-PCR and PCR DGGE. Biochemical Systematics & Ecology. 39(4-6): 509-519.

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Pantujit, S. and **N. Pongsilp**.2010. Phosphatase activity and effects of phosphate-solubilizing bacteria on yield and uptake of phosphorus in corn. World Applied Science Journal. 8(4): 429-435.

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Yingdilokphankun, T., **N. Pongsilp** and P. Nimnoi. 2015. Development process of red pigment production by *Monascus purpureus* AHK12 grown in broken rice. Proceeding of the 12th National Conference Kasetsart University, Kamphaeng Saen Campus, pp. 1595-1602. December 8-9 2015. Kasetsart University, Kamphaeng Sean Campus, Nakhon Pathom, Thailand.

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