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**Education:**

B.Sc.	Agriculture	Kasetsart Univ./Thailand	1982-1985
M.Sc.	Plant Pathology	Kasetsart Univ./Thailand	1986-1990
Ph.D.	Plant Pathology	Univ. of Wisconsin-Madison/USA.	1992-1997

**Expertise:** Molecular Biology of Plant Virology

**Recognized Awards (emphasize on research knowledge):** Science and Technology Research Grant from Thailand Toray Science Foundation for year 2002 on the project “Development of detection of geminivirus infecting okra”

**Selected Scientific Publications in the last 5 years**

1. R. Kitsanachandee, P. Somata, **O. Chatchawankanphanich**, K. P. Akhtar, T. M. Shah, R. M. Nair, T. S. Bains, A. Sirari, L. Kaur and P. Srinives. 2013. Detection of quantitative trait loci for mungbean yellow mosaic India virus (MYMIV) resistance in mungbean (*Vigna radiate* (L.) Wilczek) in India and Pakistan. *Breeding Sci.* 63: 367-373.
- T. Chanmalee, N. Warin, N. Tangchitsomkid and **O. Chatchawankanphanich**. 2013. Diagnosis of root-knot nematode infecting chili by PCR. *วารสารโรคพืช*. 26 (1-2): 47-56.
- M. Thongkum, P. Burns, A. Bhunchoth, N. Warin, **O. Chatchawankanphanich** and W. G. van Doorn. 2015. Ethylene and pollination decrease transcript abundance of an ethylene receptor gene in *Dendrobium* petals. *Journal of Plant Physiology* 176: 96-100.

- A. Bhunchoth, N. Phironrit, C. Leksomboon, **O. Chatchawankanphanich**, S. Kotera, E. Narulita, T. Kawasaki, M. Fujie and T. Yamada. 2015. Isolation of *Ralstonia solanacearum*-infecting bacteriophages from tomato fields in Chiang Mai, Thailand, and their experimental use as biocontrol agents. *Journal Applied Micro*. 118: 1023-1033.
- C. Seepiban, S. Charoenvilaisiri, M. Kumpoosiri, A. Bhunchoth, **O. Chatchawankanphanich** and O. Gajanandana. 2015. Development of protocol for simultaneously identification of tospoviruses and thrips in an individual thrips. *Journal of Virological Method* 222: 206-213.
- T. Kawasaki, E. Narulita, M. Matsunami, H. Ishikawa, M. Shimizu, M. Fujie, A. Bhunchoth, N. Phironrit, **O. Chatchawankanphanich** and T. Yamada. 2016. Genomic diversity of large-phage-forming podoviruses infecting the phytopathogen *Ralstonia solanacearum*. *Virology* 492: 73-81.
- A. Bhunchoth, R. Blanc-Mathieu, T. Mihara, Y. Nishimura, A. Askora, N. Phironrit, C. Leksomboon, **O. Chatchawankanphanich**, T. Kawasaki, M. Nakano, M. Fujie, H. Ogata and T. Yamada. 2016. Two Asian jumbo phages,  $\phi$ RSL2 and  $\phi$ RSF1, infect *Ralstonia solanacearum* and show common features of  $\phi$ KZ-related phages. *Virology* 494: 56-66.
- T. Mihara, M. A. A. Nasreldin, **O. Chatchawankanphanich**, A. Bhunchoth, N. Phironrit, T. Kawasaki, M. Nakano, M. Fujie, H. Ogata, T. Yamada. 2016. A *Ralstonia solanacearum* phage  $\phi$ RP15 is closely related to *Viunalikeviruses* and encodes 19 tRNA-related sequences. *Virology Reports* 6: 61- 73. (doi: [10.1016/j.virep.2016.07.001](https://doi.org/10.1016/j.virep.2016.07.001))