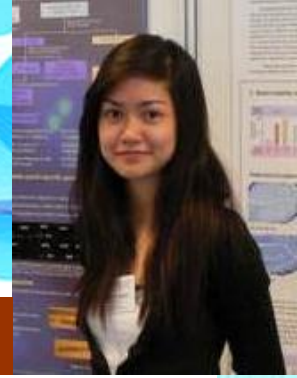
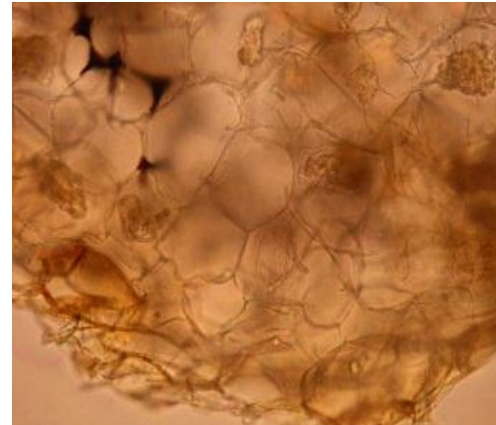


Dr. Ajaraporn Sriboonlert



Metagenomics of Mycorrhizal Fungi Community in Paphiopedilum (Orchidaceae)

Orchid mycorrhiza, an important orchid root symbiont, is crucial for the orchid survival in natural environment. However, the number of mycorrhiza isolated from its host is limited as some of the fungi in the plant roots are unculturable. This study we aim to identify fungal communities in the root of Lady's slipper orchids using NGS Metagenomics which should guide us toward the future of orchid conservation.



Department of Genetics

Species Identification of Firefly (Lampyridae) using Molecular Technique



Over 2,000 species of fireflies have been identified around the world. Firefly taxonomy and evolutionary relationship analyses have been performed using mainly morphological features. This method alone is unable to identify some ambiguous individual and closely related species. Therefore we aim to generate nucleotide data for firefly species identification for more reliable result.

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