



中央研究院生物多樣性研究中心

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Application of Nanopore Sequencing & Luminescent Characters of Cohabitated Fireflies



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Time: 2023. 12. 25 Mon. 15:30

Venue: Auditorium, 1st Floor

Interdisciplinary Research Building

跨領域科技研究大樓1樓演講廳

Host: Dr. Sheng-Feng Shen 沈聖峰研究員



Abstract

Nanopore sequencing is a light-weight sequencing technology suitable for usage in a personal laboratory or real-time monitoring in a field station. I would share my experiences and successes on using Nanopore for specific applications. In addition, I have developed a novel approach and a protocol that could detect and characterize the luminescent light of fireflies. The standardized method could further reveal how a female firefly seeks her true love in the dark.