E&B Seminar Series

SCHOOL OF BIOLOGICAL SCIENCES
THE UNIVERSITY OF HONG KONG
香港大學生物科學學院

SHKU Science

ECOLOGY & BIODIVERSITY

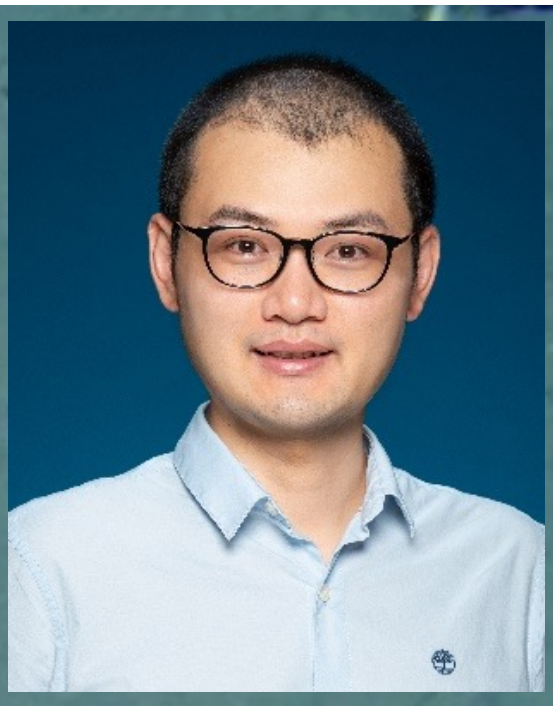
Genomic insights into molluscan evolution: Exploring terrestrialization and deep-sea diversification

Date	**05 April (Fri.)**
Time	**16:00 (UTC+8)**
Venue	**3N-01 & Zoom**

You can also email us to require the Zoom link (check SBS website→NEWS & EVENTS)

Molluscs, the second largest animal phylum with a global distribution, exhibit a wide range of biological and adaptive characteristics. This presentation focuses on highlighting genomic research conducted on two specific groups: amphibious apple snails (Ampullariidae) – the genetic features contributing to their invasiveness and transition from underwater to terrestrial egg deposition, and deep-sea chemosymbiotic clams (Vesicomyidae) – the co-evolution of genome structure between hosts and their bacterial symbionts. These groundbreaking findings shed light on the genome evolution and adaptation of molluscs to their environments.

All are welcome!



Dr. Chi Ho IP is currently an Assistant Professor in the Science Unit at Lingnan University, working on molecular ecology and aquatic biodiversity. His research integrates multi-omics (genome, transcriptome, proteome), comparative genomics, and high-throughput sequencing to explore the relationships between organisms and their environments.

Organized by The Biology Graduate Student Association (BGSA)