

July 24, 2025 (Thu) 2:00pm - 3:00pm

Venue: Nitori Hall, Bristol Myers Squibb Building



Dr. Jianguo (Jeff) Xia

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“Leveraging metabolomics and biological networks for functional insights into microbiome”

Small molecule metabolites serve as critical mediators of host-microbiome interactions. High-resolution mass spectrometry-based global metabolomics generates comprehensive datasets that capture the complex landscape of host-microbiome co-metabolism. Proper integration of metabolomic and microbiome data represents a powerful approach for elucidating the biological mechanisms underlying host-microbiome interactions. In this talk, I will discuss our recent research developing integrated computational approaches, analytical methods, and *C. elegans*-based model systems to help understand microbiome functions and their dynamic interactions with host organisms.



Admission free
No advance registration required.
Mark your calendar and join us!

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