



Infectious
Diseases Labs

A*STAR IDL



Associate Prof Nicholas Wu

Associate Professor of Biochemistry
University of Illinois Urbana-Champaign



Monday 13 July 2026

11:00 AM to 12:00 PM (SGT)

Venue: Cistron A & B, Matrix Level 5

Deciphering antibody sequences

Advances in antibody repertoire sequencing allow for the rapid discovery of many antibody sequences. However, identifying the specificity of these antibodies remains a slow and challenging process, leaving their specificities mostly unknown. This talk will explore the possibility of predicting antibody targets based on sequences and discuss why this challenge is considered addressable.

Dr. Wu is an Associate Professor of Biochemistry at the University of Illinois Urbana-Champaign. Dr. Wu received his BSc in Biochemistry from the University of Virginia in 2010 and his PhD in Molecular Biology from UCLA in 2015. After his graduate studies, Dr. Wu completed his postdoctoral training at Scripps Research as a Croucher Fellow before starting his own lab in 2020. Dr. Wu's research, which mainly focuses on virus-antibody interactions, has been recognized by multiple awards, including NIH New Innovator Award, Searle Scholar Award, and Vallee Scholar Award.

Hosted by: Dr Matthew Tay

Seminar is open to all. No registration required.

Questions? Contact us at seminars@idlabs.a-star.edu.sg

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