Stanford



Billy Ng

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Bio

BIO

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Professor Billy Ng is currently a Visiting Associate Professor at Stanford University. He completed his postdoctoral training at Harvard Medical School and the University of Oxford, following his Ph.D. and B.Sc. (1st Hons) in Chemistry from The Chinese University of Hong Kong (CUHK). During his graduate studies, he was also a Fulbright Scholar at the Massachusetts Institute of Technology (MIT). He was recognized as a Young Global Leader by the World Economic Forum and received the Academic Young Investigator Award from the American Chemical Society (ACS) Division of Organic Chemistry.

Professor Ng's research interests are chemical biology, drug discovery, and carbohydrate chemistry. He uses chemical and biological tools to develop novel small molecules for the treatment of various diseases, including cancers, infectious and neurodegenerative diseases. He has co-authored more than 30 papers in prestigious journals such as Science, Nature Chemical Biology, Molecular Cell, J. Am. Chem. Soc., Angew. Chem. Int. Ed., and ACS Central Science. His research has been funded by diverse sources, including the Bill & Melinda Gates Foundation, US National Academy of Medicine (NAM), the Innovation and Technology Fund (ITF), and Research Grants Council (RGC) of Hong Kong.