

DEPARTMENT OF BIOMEDICAL SCIENCES PRESENTS A SEMINAR



香港城市大學
City University of Hong Kong

3 STORIES USING SYNTHETIC BIOLOGY AND COMBINATORIAL GENETICS TO TACKLE DISEASES

DR. ALAN SIU-LUN WONG
ASSOCIATE PROFESSOR
SCHOOL OF BIOMEDICAL SCIENCES
THE UNIVERSITY OF HONG KONG



DATE: 11 April 2024

TIME: 15:00 - 15:50

VENUE: LT-6 Chan Kei Bui Lecture Theatre, Yeung Kin Man Acad Building

BIOGRAPHY

Dr. Alan Siu-lun Wong is an Associate Professor at School of Biomedical Sciences of The University of Hong Kong (HKU). Dr. Wong is also the Team Leader in Functional Genomics at Centre of Oncology and Immunology Limited, InnoHK. Before he joined HKU in 2016, he obtained his B.Sc. and M.Phil. degrees in Biochemistry and Molecular Biotechnology from Chinese University of Hong Kong in 2005 and 2007 respectively, and completed his Ph.D. in Biochemistry at Hong Kong University of Science and Technology in 2011. He joined the Synthetic Biology Group at Research Laboratory of Electronics, Massachusetts Institute of Technology from 2012–2016 for postdoctoral training. His work has resulted in publications in prestigious journals including Nature Methods, Nature Biomedical Engineering, Nature Biotechnology, Nature Cell Biology, Nature Neuroscience, Nucleic Acids Research, Cancer Research, PNAS, Cell Systems, Cell Reports, as well as PCT patents and patent applications on CRISPR-based screening methods and tools. He was awarded the Croucher Foundation Studentship (2008), Butterfield-Croucher Award (2008), Croucher Foundation Fellowship (2012), Hong Kong Institution of Science Young Scientist Award in Life Science (2011), RGC Early Career Award (2016), HKUMed Outstanding Research Output Award (2020), NSFC Excellent Young Scientists Award (Hong Kong and Macau) (2020), and the BOCHK Science and Technology Innovation Prize in Life and Health (2023). His research takes an integrative approach leveraging on techniques in synthetic biology, CRISPR-based genome engineering, combinatorial genetics, and high-throughput functional genomics to decode the complex genetics of human diseases, as well as engineer gene editing and cellular tools for providing new biomedical and biotechnological solutions.

Enquiries:

vivian.woo@cityu.edu.hk

3442-4985

ALL ARE WELCOME!