

Our team

➤ Associate Professor

Dr HO, Joshua Wing Kei is an Associate Professor in the School of Biomedical

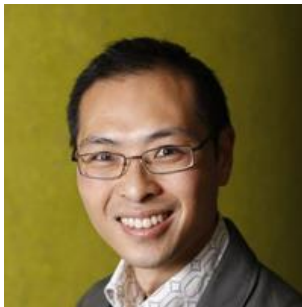


Sciences. He is also the Academic Lead of the Bioinformatics Core of the Centre for PanorOmic Sciences (CPOS). Prior to joining HKU, he was the Head of Bioinformatics and Systems Medicine Laboratory at the Victor Chang Cardiac Research Institute in Sydney, Australia. He was also a Conjoint Senior Lecturer at the University of New South Wales (UNSW) in Sydney. Dr

Ho completed his BSc (Hon 1, Medal) and PhD in Bioinformatics from the University of Sydney, and undertook postdoctoral research at Harvard Medical School.

His bioinformatics research expertise includes: Biomarker discovery, Epigenomics and chromatin analysis, integrative multi-omic analysis, Internet of Things (IoT), medical big data analysis, metagenomics, single cell analysis, software development, systems biology / pathway analysis, and transcriptomics.

Dr WONG, Jason Wing Hon is an Associate Professor in the School of



Biomedical Sciences. He is also the Academic Lead of the Proteomics and Metabolomics Core of the Centre for PanorOmic Sciences (CPOS). He was formerly an Australian Research Council Future Fellow and an Associate Professor at the Prince of Wales Clinical School at the University of New South Wales in Sydney. He received his B.Sc (Hons I), specialising in

Bioinformatics from the University of Sydney in 2002. As an Oxford-Australia scholar, he went on to complete a D.Phil in Bioanalytical Chemistry at the University of Oxford, UK in 2007. This was followed by an Irish Government post-doctoral fellowship at the Conway Institute of Biomolecular & Biomedical Research, University College Dublin, specialising in Chemical Proteomics, before he returned to Sydney to establish his research group. His current research is focused on the study of mutational processes in cancer and their ultimate effect on gene regulation and function.

His bioinformatics research expertise includes: Cancer genomics, proteomics and metabolomics.

➤ Assistant Professor

Dr HUANG, Yuanhua is an Assistant Professor in the School of Biomedical Sciences and the Department of Statistics and Actuarial Science. Prior to joining HKU, he was an EBPOD research fellow in the University of Cambridge and European Bioinformatics Institute (EMBL-EBI). Dr Huang completed his BEng in Automation from Tsinghua University (2009-2013) and PhD in Informatics (Machine learning and computational biology) from the University of Edinburgh (2014-2017).



His bioinformatics research expertise includes: Cancer genomics, integrative multi-omic analysis, machine learning, single cell analysis, statistical modelling, transcriptomics.

Dr JAVED, Asif is an Assistant Professor in the School of Biomedical Sciences. He received his PhD in computer science from Rensselaer Polytechnic Institute in 2008. He then joined computational biology center at IBM TJ Research Center as a postdoctoral researcher. His work at IBM was part of the Genographic project. In 2011 he joined Genome Institute of Singapore (A*STAR) as a research associate and was promoted to research scientist in 2014.



His bioinformatics research expertise includes: Integrative multi-omic analysis, rare disease genomics, single cell analysis, cancer genomics and transcriptomics.