

Prof. Xuegong Zhang earned his BS degree in Industrial Automation in 1989 and Ph.D. degree in Pattern Recognition and Intelligent Systems in 1994, both from Tsinghua University. He joined the faculty of Tsinghua University in 1994, where he is now a Professor of Pattern Recognition and Bioinformatics in the Department of Automation, and an Adjunct Professor of the School of Life Sciences and also the School of Medicine. Dr. Zhang worked at Harvard School of Public Health as a visiting scientist on computational biology in 2001-2002, and had been a visiting scholar in the MCB program at USC in 2007. He is the Director of the Bioinformatics Division, Beijing Research Institute for Information Science and Technology (BNRist), and the Acting Director of the Tsinghua University Center for Systems and Synthetic Biology. His research interests include machine learning, biological data mining especially for single-cell sequencing data and metagenomic sequencing data, and the intelligent processing of multi-modal big healthcare data.