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scONE-seq: A Versatile Single-cell Multi-omics Method for

Simultaneous Dissection of Phenotype and Genotype

Heterogeneity from Frozen Tumors

Angela Ruohao Wu is an associate professor in the Division of Life Science and the Department of Chemical and Biological Engineering at the Hong Kong University of Science and Technology. She completed her Ph.D. and post-doctoral training in Bioengineering at Stanford University, and soon after that co-founded Agenovir Corporation, a genome editing-based antiviral therapeutics company that was ultimately acquired by Vir Biotechnologies. Angela is one of the earliest scientists to work in single cell genomics, and she pioneered the field of microfluidic chromatin immunoprecipitation (ChIP). Her current research focuses on using genomics and microfluidics to address complex biological questions, as well as applying genomics in the clinic. Angela's interdisciplinary work has been recognized for bridging important gaps between microfluidics and biology; she was named one of MIT Technology Review Innovators under 35 Asia; a World Economic Forum Young Scientist, and an Outstanding Young Faculty by IEEE EMBS (Micro and Nanotechnology in Medicine).