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Single Cell Insights into the Tumor Microenvironment

Dr. Linghua Wang is a tenured Associate Professor in the Department of Genomic Medicine at MD Anderson Cancer Center. She earned her MD in Clinical Medicine and her PhD in Cancer Genomics. Dr. Wang has extensive expertise in computational biology, cancer genomics and immuno-oncology. Her group specializes in deep profiling of cellular and molecular heterogeneity, phenotypic plasticity, and the evolution of tumor cells and the tumor microenvironment, employing integrative single-cell and spatial omics approaches. Dr. Wang has a distinguished record of research productivity, having authored >100 publications. Her groundbreaking studies have revolutionized our understanding of tumor cell heterogeneity, evolution, and immune microenvironment interactions. She actively collaborates with experts both nationally and internationally, harnessing data science in the fight against cancer.