



Margo P. Cain, PhD

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Quantitative Single-Cell Interactomes in Normal and Virus-Infected Mouse Lungs

Dr. Margo P. Cain graduated with her Ph.D. from the University of Texas MD Anderson Cancer Center UTHealth Graduate School of Biomedical Sciences in 2020. As a graduate student in the laboratory of Dr. Jichao Chen, she developed a single-cell interactome method to uncover novel interactions between various cell types in the lung, which she applied to models of disease including a lung virus infection model. After graduating, she continued her research in the Chen lab exploring the complex relationships of the cell types that make up the lung and how they coordinate the mammalian lung's response to injury and tissue repair. She is now a technology commercialization analyst at the MD Anderson Office of Technology Commercialization where she provides early patent assessment and commercialization guidance for new and existing technologies.