

Amy Wong

Amy began her career at SickKids as a post-doctoral fellow and quickly rose through the ranks to Senior Research Associate in the laboratory of Dr. Janet Rossant, Senior Scientist and Chief of Research Emeritus. Amy was one of the pioneers to have developed a method to generate lung cells from human embryonic and induced pluripotent stem cells. This seminal work was published in several high-impact journals *Nature Biotechnology* (2012) and *Nature Protocols* (2015).

Over the years, Amy has also concomitantly discovered a novel method to directly convert dermal fibroblasts into airway epithelial progenitor cells (manuscript in review). Amy's latest efforts are focused on generating 3D human lung models as a novel tool to study lung development, CF disease and therapies.

Amy's research has garnered international collaborations, and she is recognized globally as a leader in using human stem cells for lung disease modeling. Her expertise and novel methodology has resulted in distinguished awards and research funding support. In addition to managing her own research, Amy leads the stem cell research and training aspects of the multi-million dollar CF Canada-SickKids joint venture in generating and biobanking 100 CF iPS cell lines that are now available to the CF academic community.