



CHINESE-**A**MERICAN **L**UNG **A**SSOCIATION



2020 CALA Happy Friday Seminar

May 29th, 2020

Join Zoom Meeting: <https://zoom.us/join>

Meeting ID: 998-9099-1991

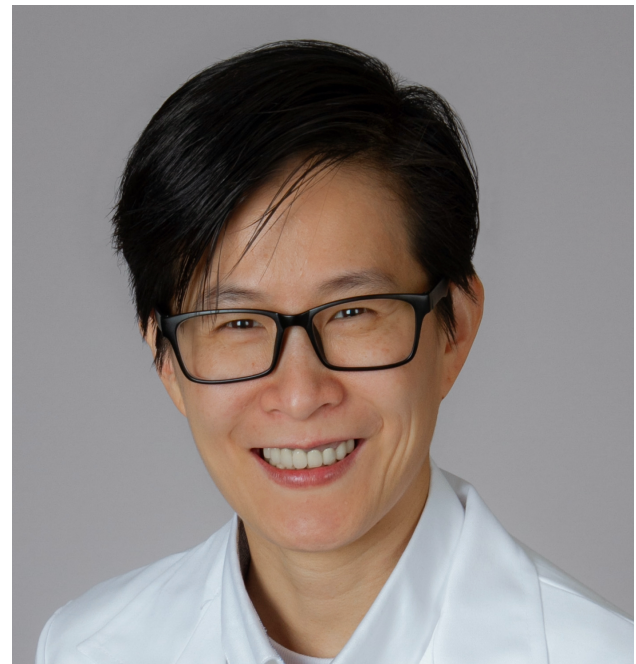
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Time: EST 10:30 am; PST: 7:30 am; Beijing time: 10:30 pm

Generation of a three-dimensional lung organoid from human pluripotent stem cells and its applications

Recapitulation of lung development from human pluripotent stem cells (hPSCs) in three dimensions (3D) would allow deeper insight into human development, as well as the development of innovative strategies for disease modeling, drug discovery and regenerative medicine. In this talk, she will show how she systematically differentiates hPSCs to lung organoids and their applications to study human lung development, diseases, and regenerative medicine.

Dr Chen's research works were published in *Nature Cell Biology* and *Protocol Exchange* in 2017. Dr. Chen had post-doc training with Dr. Hans-Willem Snoeck in Columbia University, a leader in the stem cell biology field. She started her own independent lab in last year in the University of Southern California.



Dr. Ya-Wen Chen
Assistant Professor
University of Southern California