



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



2020 CALA Happy Friday Seminar

June 26th, 2020

Join Zoom Meeting:
<https://bit.ly/3e9uN8z>

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

The driving force of alveolar development, regeneration, and fibrosis

The coordinated influences of both mechanical forces and growth factors during tissue development and regeneration is extremely important. With an integrated combination of mouse genetics, live imaging, lineage tracing, and quantitative cell biology, we demonstrate that alveolar development and regeneration are controlled by both mechanical forces and a local growth factor. We have also established a direct mechanistic link between impaired alveolar regeneration, mechanical tension, and progressive lung fibrosis.

Dr. Tang obtained her Ph.D from UCSD, followed by a post-doctoral training at UCSF. She joined NIBS faculty in 2012 and has numerous high-impact publications ever since in *Lancet*, *Cell*, *Dev Cell* and *PNAS* et al.



**Dr. Nan Tang. M.D,
Ph.D.**

**Associate Investigator,
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