

Stanford



Cheng Liu

Postdoctoral Research Fellow, Radiology

CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

Dr. Cheng Liu received his B.Eng in BME from the Southern Medical University (SMU) in 2009, M.Phil & Ph.D in BME from the Hong Kong Polytechnic University (PolyU) in 2014 & 2017, respectively. After that, he joined the Ferrara Lab at Stanford University (<https://ferraralab.stanford.edu/>) as a postdoc fellowship in 2018. Cheng is focusing on the interdisciplinary sound-light-biomolecule modulation technologies, as well as the application of the molecular imaging tools to investigate those key cancer biology questions, including (but are not limited to) immune reactions & tumor microenvironment. In particular, Cheng is pursuing the basic advances at the interface of biomolecules & acoustics (Sonogenetics/Mechanogenetics). Most recently, Cheng has been presented several research awards, including (but are not limited to) Shark Tank Competition Finalist (WMIC2018), Industry Selected Poster Award (WMIC2017), Student Travel Stipend Award (WMIC2018 & 2017) and Chinese Students Poster Competition Gold Award (WMIC2017). Also, Cheng has served as the funding chair of the Student Branch of IEEE Ultrasonics, Ferroelectrics, and Frequency Control society (UFFC-Ultrasonics) at PolyU since 2016.

PROFESSIONAL EDUCATION

- Doctor of Philosophy, The Hong Kong Polytechnic University , Biomedical Engineering (2017)
- Master of Philosophy, The Hong Kong Polytechnic University , Biomedical Engineering (2014)
- Bachelor of Engineering, Southern Medical University , Biomedical Engineering (2009)

LINKS

- Research group at Stanford: <https://ferraralab.stanford.edu/>

Research & Scholarship

LAB AFFILIATIONS

- Katherine Ferrara, Ferrara Lab (10/1/2018)