

Stanford



Liyang Cui

Postdoctoral Research Fellow, Radiology

 Curriculum Vitae available Online

Bio

HONORS AND AWARDS

- Breast Cancer Research Program Breakthrough Fellowship Award, Congressionally Directed Medical Research Programs (2018-2021)
- First Prize of the Scholarship, Peking University (2010-2012)
- National Scholarship, Ministry of Education, People's Republic of China (2009)
- First Prize of the Scholarship/Honor Student, Jilin University (2008)
- National Endeavor Fellowship, Ministry of Education, People's Republic of China (2007)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Peking University Health Science Center (2015)

STANFORD ADVISORS

- Jianghong Rao, Postdoctoral Faculty Sponsor

PATENTS

- Liyang Cui, Yan Liu, Lirong Teng, Lingjun Meng, Qingfan Meng etc. "China P.Rep. Patent CN 101390958 B Huidouba traditional Chinese medicine composite preparation for treating wound, cut trauma, scald and burn", Jan 20, 2011
- Liyang Cui, Yan Liu, Lirong Teng, Lingjun Meng, Qingfan Meng etc. "China P.Rep. Patent CN 101390882 Huidouba extract and preparation method and pharmaceutical use", Oct 13, 2010

LINKS

- My lab site: <http://raolab.stanford.edu>

Research & Scholarship

LAB AFFILIATIONS

- Jianghong Rao (1/4/2016)

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biophysics (Phd Program)
- Oncology (Fellowship Program)

Publications

PUBLICATIONS

- **[18F]-C-SNAT4: an improved caspase-3-sensitive nanoaggregation PET tracer for imaging of tumor responses to chemo- and immunotherapies.** *European journal of nuclear medicine and molecular imaging*
Chen, M. n., Chen, Z. n., Castillo, J. B., Cui, L. n., Zhou, K. n., Shen, B. n., Xie, J. n., Chin, F. T., Rao, J. n.
2021
- **In vivo imaging of methionine aminopeptidase II for prostate cancer risk stratification.** *Cancer research*
Xie, J. n., Rice, M. A., Chen, Z. n., Cheng, Y. n., Hsu, E. C., Chen, M. n., Song, G. n., Cui, L. n., Zhou, K. n., Castillo, J. B., Zhang, C. A., Shen, B. n., Chin, et al
2021
- **Mitochondrial copper depletion suppresses triple-negative breast cancer in mice.** *Nature biotechnology*
Cui, L., Gouw, A. M., LaGory, E. L., Guo, S., Attarwala, N., Tang, Y., Qi, J., Chen, Y., Gao, Z., Casey, K. M., Bazhin, A. A., Chen, M., Hu, et al
2020
- **A near-infrared phosphorescent nanoprobe enables quantitative, longitudinal imaging of tumor hypoxia dynamics during radiotherapy.** *Cancer research*
Zheng, X., Cui, L., Chen, M., Soto, L. A., Graves, E. E., Rao, J.
2019
- **Janus Iron Oxides @ Semiconducting Polymer Nanoparticle Tracer for Cell Tracking by Magnetic Particle Imaging** *NANO LETTERS*
Song, G., Chen, M., Zhang, Y., Cui, L., Qu, H., Zheng, X., Wintermark, M., Liu, Z., Rao, J.
2018; 18 (1): 182–89
- **Semiconducting polymer nanoparticles as photoacoustic molecular imaging probes** *WILEY INTERDISCIPLINARY REVIEWS-NANOMEDICINE AND NANOBIO TECHNOLOGY*
Cui, L., Rao, J.
2017; 9 (2)
- **Semiconducting polymer nanoparticles as photoacoustic molecular imaging probes.** *Wiley interdisciplinary reviews. Nanomedicine and nanobiotechnology*
Cui, L., Rao, J.
2016