

# Stanford

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## Lu Ji

Postdoctoral Scholar, Radiation Biology

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#### BIO

Driven by the enthusiasm and curiosity about life science and human disease, I have been working on cancer research for more than 5 years. I focus on developing novel therapeutic targets from tumor microenvironment and uncovering mechanisms of tumor progression, especially with expertise in gastrointestinal tumor biology and tumor microenvironment analysis. Now I'm digging into a field about finding a way to empower immunotherapy by appropriately utilizing radiation therapy.

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Shanghai Jiaotong University (2021)
- B.S., East China University of Science and Technology , Biology engineering (2016)
- Ph.D., Shanghai Jiao Tong University , Biology (2021)

#### STANFORD ADVISORS

- Erinn Rankin, Postdoctoral Faculty Sponsor

#### PATENTS

- Wei-Qiang Gao, Bin Ma, Lu Ji. "China P.Rep. Patent ZL 2019 1 1408316.3 The immunotherapy method for gastric cancer via blocking chemokine CCL28", Shanghai Jiao Tong University, Aug 17, 2021

#### LINKS

- LinkedIn: <https://www.linkedin.com/in/luji-us>

### Publications

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#### PUBLICATIONS

- **FTO inhibition enhances the therapeutic index of radiation therapy in head and neck cancer.** *JCI insight*  
Ji, L., Pu, L., Wang, J., Cao, H., Melemenidis, S., Sinha, S., Guan, L., Laseinde, E. E., von Eyben, R., Richter, S. A., Nam, J. M., Kong, C., Casey, et al  
2025; 10 (11)
- **Blockade of beta-Catenin-Induced CCL28 Suppresses Gastric Cancer Progression via Inhibition of Treg Cell Infiltration** *CANCER RESEARCH*  
Ji, L., Qian, W., Gui, L., Ji, Z., Yin, P., Lin, G., Wang, Y., Ma, B., Gao, W.  
2020; 80 (10): 2004-2016
- **High throughput mutational characterization of the GPCR ligand C5a using yeast display and deep sequencing.** *Structure (London, England : 1993)*  
Xu, Y., Thakkar, K., Guan, L., Miao, Y., Mehibel, M., Lee, R. B., Marciano, D., Viswanathan, V., Wang, Z., Wang, J., Ji, L., Cao, H., Petrakian, et al  
2025
- **CD24 is a Superior Immunotherapeutic Target to PD-1 in a Mouse Model of Helicobacter-Induced Gastric Cancer** *Gastro Hep Advances*  
Ji, L., Peng, P., Gui, L., Yuan, P., Qian, W., Wang, Y., Gao, W., Ma, B.

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- **Targeted Delivery of CXCL9 and OX40L by Mesenchymal Stem Cells Elicits Potent Antitumor Immunity** *MOLECULAR THERAPY*  
Yin, P., Gui, L., Wang, C., Yan, J., Liu, M., Ji, L., Wang, Y., Ma, B., Gao, W.  
2020; 28 (12): 2553-2563
- **beta-Catenin inhibition shapes tumor immunity and synergizes with immunotherapy in colorectal cancer** *ONCOIMMUNOLOGY*  
Wang, C., Yan, J., Yin, P., Gui, L., Ji, L., Ma, B., Gao, W.  
2020; 9 (1): 1809947