



## Lingyun Xu

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### Publications

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#### PUBLICATIONS

- **Generation of two induced pluripotent stem cell lines from patients with Facioscapulohumeral muscular dystrophy.** *Stem cell research*  
Venkateshappa, R., Vacante, F., Xu, L., Canel-Rivero, G., Day, J. W., Wu, J. C.  
2025; 87: 103794
- **Generation of two induced pluripotent stem cell lines from patients with Li-Fraumeni Syndrome carrying TP53 mutation.** *Stem cell research*  
Sun, J., Ren, L., Canel Rivero, G., Xu, L., Ladabaum, U., C Wu, J.  
2024; 81: 103527
- **Generation of two familial hypercholesterolemia patient-specific induced pluripotent stem cell lines harboring heterozygous mutations in the LDLR gene.** *Stem cell research*  
Gao, J., Li, J., Xu, L., Yan, C. D., Knowles, J. W., Wu, J. C.  
2024; 78: 103463
- **Clinically Translatable Solid-State Dye for NIR-II Imaging of Medical Devices.** *Advanced science (Weinheim, Baden-Wuerttemberg, Germany)*  
Li, D., Shi, H., Qi, Q., Chang, B., Jiang, Y., Qian, K., Guan, X., Kang, P., Ma, N., Zhang, Y., Zhang, Z., Shi, X., Qu, et al  
2023: e2303491
- **Alternative medicine: therapeutic effects on gastric original signet ring carcinoma via ascorbate and combination with sodium alpha lipoate.** *BMC complementary medicine and therapies*  
Chen, W., Xu, L., Chang, E., Gowrishankar, G., Ferrara, K. W., Gambhir, S. S.  
2022; 22 (1): 58
- **Gold Nanoclusters for NIR-II Fluorescence Imaging of Bones.** *Small (Weinheim an der Bergstrasse, Germany)*  
Li, D. n., Liu, Q. n., Qi, Q. n., Shi, H. n., Hsu, E. C., Chen, W. n., Yuan, W. n., Wu, Y. n., Lin, S. n., Zeng, Y. n., Xiao, Z. n., Xu, L. n., Zhang, et al  
2020: e2003851
- **Improved detection of prostate cancer using a magneto-nanosensor assay for serum circulating autoantibodies.** *PloS one*  
Xu, L., Lee, J., Hao, S., Ling, X. B., Brooks, J. D., Wang, S. X., Gambhir, S. S.  
2019; 14 (8): e0221051
- **A blood biomarker for monitoring response to anti-EGFR therapy.** *Cancer biomarkers : section A of Disease markers*  
Hughes, N. P., Xu, L., Nielsen, C. H., Chang, E., Hori, S. S., Natarajan, A., Lee, S., Kjar, A., Kani, K., Wang, S. X., Mallick, P., Gambhir, S. S.  
2018
- **A Cystine Knot Peptide Targeting Integrin alpha(v)beta(6) for Photoacoustic and Fluorescence Imaging of Tumors in Living Subjects** *JOURNAL OF NUCLEAR MEDICINE*  
Zhang, C., Kimura, R., Abou-Elkacem, L., Levi, J., Xu, L., Gambhir, S. S.  
2016; 57 (10): 1629-1634
- **AshwaMAX and Withaferin A inhibits gliomas in cellular and murine orthotopic models.** *Journal of neuro-oncology*  
Chang, E., Pohling, C., Natarajan, A., Witney, T. H., Kaur, J., Xu, L., Gowrishankar, G., D'Souza, A. L., Murty, S., Schick, S., Chen, L., Wu, N., Khaw, et al

2016; 126 (2): 253-64

- **AshwaMAX and Withaferin A inhibits gliomas in cellular and murine orthotopic models** *JOURNAL OF NEURO-ONCOLOGY*  
Chang, E., Pohling, C., Natarajan, A., Witney, T. H., Kaur, J., Xu, L., Gowrishankar, G., D'Souza, A. L., Murty, S., Schick, S., Chen, L., Wu, N., Khaw, et al  
2016; 126 (2): 253-264
- **Novel Radiotracer for ImmunoPET Imaging of PD-1 Checkpoint Expression on Tumor Infiltrating Lymphocytes.** *Bioconjugate chemistry*  
Natarajan, A., Mayer, A. T., Xu, L., Reeves, R. E., Gano, J., Gambhir, S. S.  
2015; 26 (10): 2062-2069
- **A Magnetic Bead-Based Sensor for the Quantification of Multiple Prostate Cancer Biomarkers.** *PloS one*  
Jokerst, J. V., Chen, Z., Xu, L., Nolley, R., Chang, E., Mitchell, B., Brooks, J. D., Gambhir, S. S.  
2015; 10 (9)
- **A Magnetic Bead-Based Sensor for the Quantification of Multiple Prostate Cancer Biomarkers.** *PloS one*  
Jokerst, J. V., Chen, Z., Xu, L., Nolley, R., Chang, E., Mitchell, B., Brooks, J. D., Gambhir, S. S.  
2015; 10 (9): e0139484
- **Isolation and mutational analysis of circulating tumor cells from lung cancer patients with magnetic sifters and biochips** *LAB ON A CHIP*  
Earhart, C. M., Hughes, C. E., Gaster, R. S., Ooi, C. C., Wilson, R. J., Zhou, L. Y., Humke, E. W., Xu, L., Wong, D. J., Willingham, S. B., Schwartz, E. J., Weissman, I. L., Jeffrey, et al  
2014; 14 (1): 78-88
- **Isolation and mutational analysis of circulating tumor cells from lung cancer patients with magnetic sifters and biochips.** *Lab on a chip*  
Earhart, C. M., Hughes, C. E., Gaster, R. S., Ooi, C. C., Wilson, R. J., Zhou, L. Y., Humke, E. W., Xu, L., Wong, D. J., Willingham, S. B., Schwartz, E. J., Weissman, I. L., Jeffrey, et al  
2013; 14 (1): 78-88