

Xin Li

Personal Information

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Positions and Employment

- 12/2019-present: Postdoctoral, Department of Biological Sciences and Center for Cancer Research and Therapeutic Development, Clark Atlanta University, Atlanta, GA
- 12/2014-11/2019: Postdoctoral, Department of Biochemistry and Molecular Biology, Medical College of Georgia, Georgia Cancer Center, Augusta University, Augusta, GA

Education

- 09/2010-06/2014: Ph.D. Candidate in Genetics, College of Life Sciences, Nankai University
- 09/2008-07/2010: Master Candidate in Genetics, College of Life Sciences, Nankai University
- 09/2002-07/2006: B.S. in Biological Sciences, College of Life Sciences, Tianjin Normal University

Other Experience and Professional Memberships

- 2020: Academia Editor, European Journal of Clinical Oncology
- 2020: Reviewer, Biomedical Research International
- 2020: Reviewer, Experimental and Therapeutic Medicine
- 2020: Reviewer, Evidence-Based Complementary and Alternative Medicine
- 2019 – 2020: Reviewer, Oncology Reports
- 2019 - 2020: Reviewer, Molecular Medicine Reports
- 2019 - 2020: Reviewer, Scientific Reports
- 2019 - 2020: Reviewer, Cancer Management and Research

Publications:

- **Li X**, Gera L, Zhang S, Chen Y, Lou L, Wilson LM, Xie Z, Sautto GA, Liu D, Danaher A, Mamouni K, Yang Y, Du Y, Fu H, Kucuk O, Osunkoya AO, Zhou J, Wu D. Pharmacological inhibition of noncanonical EED-EZH2 signaling overcomes chemoresistance in prostate cancer. *Theranostics*. 2021 11(14): 6873-6890.
- Bai L, **Li X**, Ma X, Zhao R, Wu D. *In Vitro* Effect and mechanism of action of ergot alkaloid dihydroergocristine in chemoresistant prostate cancer cells. *Anticancer Res*. 2020 Nov; 40(11): 6051-6062.
- Chen Y, **Li X**, Mamouni K, Yang Y, Danaher A, White J, Liu H, Kucuk O, Gera L, Wu D. Novel small-molecule LG1836 inhibits the in vivo growth of castration-resistant prostate cancer. *Prostate*. 2020 Sep; 80(12): 993-1005.
- Chen Y, Gera L, Zhang S, **Li X**, Yang Y, Mamouni K, Wu AY, Liu H, Kucuk O, Wu D. Small molecule BKM1972 inhibits human prostate cancer growth and overcomes docetaxel resistance in intraosseous models. *Cancer Lett*. 2019 Apr 1; 446: 62-72.
- Yang Y, Mamouni K, **Li X**, Chen Y, Kavuri S, Du Y, Fu H, Kucuk O, Wu D. Repositioning dopamine D2 receptor agonist bromocriptine to enhance docetaxel chemotherapy and treat bone metastatic prostate cancer. *Mol Cancer Ther*. 2018 Sep; 17(9): 1859-1870.
- Mamouni K, Zhang S, **Li X**, Chen Y, Yang Y, Kim J, Bartlett MG, Coleman IM, Nelson PS, Kucuk O, Wu D. A Novel Flavonoid Composition Targets Androgen Receptor Signaling and Inhibits Prostate Cancer Growth in Preclinical Models. *Neoplasia*. 2018 Aug; 20(8): 789-799.
- Hooshfar S, Linzey MR, Wu D, Gera L, Mamouni K, **Li X**, Chen Y, Yang Y, Olorunoyemi O, Bartlett MG. Sensitive liquid chromatography/tandem mass spectrometry method for the determination of two novel highly lipophilic anticancer drug candidates in rat plasma and tissues. *Biomed Chromatogr*. 2018 Feb; 32(2): 10.1002/bmc.4064.
- Yang Y, **Li X**, Mamouni K, Kucuk O, Wu D. Mifepristone Has Limited Activity to Enhance the In Vivo Efficacy of Docetaxel and Enzalutamide Against Bone Metastatic and Castration-Resistant Prostate Cancer. *Anticancer Res*. 2017 Nov; 37(11): 6235-6243.
- Pu F, Salarian M, Xue S, Qiao J, Feng J, Tan S, Patel A, **Li X**, Mamouni K, Hekmatyar K, Zou J, Wu D, Yang JJ. Prostate-specific membrane antigen targeted protein contrast agents for molecular imaging of prostate cancer by MRI. *Nanoscale*. 2016 Jul 7; 8(25): 12668-82.

- Zhang S, Gera L, Mamouni K, **Li X**, Chen Z, Kucuk O, Wu D. Inhibition of skeletal growth of human prostate cancer by the combination of docetaxel and BKM1644, an aminobisphosphonate derivative. *Oncotarget*. 2016 May 10; 7(19): 27489-98.
- **Li X**, Zhang B, Wu Q, Ci X, Zhao R, Zhang Z, Xia S, Su D, Chen J, Ma G, Fu L, Dong JT. Interruption of KLF5 acetylation converts its function from tumor suppressor to tumor promoter in prostate cancer cells. *Int J Cancer*. 2015 Feb 1; 136(3): 536-46.
- Zhang Z, Zhu Z, Zhang B, Li W, **Li X**, Wu X, Wang L, Fu L, Fu L, Dong JT. Frequent mutation of rs13281615 and its association with PVT1 expression and cell proliferation in breast cancer. *J Genet Genomics*. 2014 Apr 20; 41(4): 187-95.
- Zhang B, Zhang Z, Xia S, Xing C, Ci X, **Li X**, Zhao R, Tian S, Ma G, Zhu Z, Fu L, Dong JT. KLF5 activates MicroRNA-200 transcription to maintain epithelial characteristics and prevent induced epithelial-mesenchymal transition in epithelial cells. *Mol Cell Biol*. 2013 33 (24): 4919-35.
- Wang XX, Zhu Z, Su D, Lei T, Wu X, Fan Y, **Li X**, Zhao J, Fu L, Dong JT, Fu L. Down-regulation of leucine zipper putative tumor suppressor 1 is associated with poor prognosis, increased cell motility and invasion, and epithelial-to-mesenchymal transition characteristics in human breast carcinoma. *Hum Pathol*. 2011 Oct; 42(10): 1410-9.