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EDUCATION

09/1986-06/1991	M.B., Huazhong University of Science and Technology, Tongji Medical College, Wuhan, Hubei, China
09/1995-06/1998	M.S. in Medicine, Huazhong University of Science and Technology, Tongji Medical College, Wuhan, Hubei, China
09/2001-06/2004	Ph.D., Huazhong University of Science and Technology, Tongji Medical College, Wuhan, Hubei, China

ACADEMIC APPOINTMENTS

09/2004-06/2010	Postdoctoral Associate James Graham Brown Cancer Center School of Medicine, University of Louisville, KY, USA
06/2010-02/2014	Postdoctoral Scholar Department of Biochemistry and Molecular Biology School of Medicine, University of Louisville, KY, USA
03/2014-05/2016	Research Associate Senior James Graham Brown Cancer Center School of Medicine, University of Louisville, KY, USA
06/2016-12/2017	Instructor James Graham Brown Cancer Center School of Medicine, University of Louisville, KY, USA
01/2018- current	Assistant Professor James Graham Brown Cancer Center School of Medicine, University of Louisville, KY, USA

HONORS AND AWARDS

2007 The IMD3 (Institute for Molecular Diversity and Drug Design) Travel Award by University of Louisville, KY

RESEARCH FUNDING

1. *Principal Investigator* James Graham Brown Cancer Center, Molecular Targets CoBRE Phase III Pilot Project Program (1P30GM106396) Fatty Liver Exosomes Promote Tumor Progression by Induction of inflammation Cells. **2017 –2018.**

2. Co-investigator
   Pending grant proposal:
   NIH (P.I. Huang-Ge Zhang). Edible plant exosomes RNA as an indicator for ingested food. 2018 –2023

ABSTRACTS AND PRESENTATIONS

1. **Yun Teng**, David Jones, Fiona McLaughlin, and Paula J. Bates. "AS1411 causes a specific increase in levels of cell surface nucleolin in responsive cell lines". 2010 AACR (American Association for Cancer Research) Annual Meeting, April 17-21, 2010. Washington, D.C. USA.

2. **Yun Teng**, William M. Pierce, Jr. and Paula J. Bates. "Proteomic studies of nucleolin complexes in prostate cancer cells treated with novel anticancer agent, AS1411". 2007 AACR (American Association for Cancer Research) Annual Meeting, April 14-18, 2007. Los Angeles, CA, USA.

3. **Yun Teng**, Paula J. Bates. "A Role for Protein Arginine Methyltransferase 5 (PRMT5) in the Mechanism of Novel Anticancer Reagent, AS1411". 2006 AACR (American Association for Cancer Research) Annual Meeting, April 1-5, 2006. Washington, D.C. USA.

PUBLICATIONS

1. **Yun Teng**, Yi Ren, Mohammed Sayed, Xin Hu, Chao Lei, Anil Kumar, Elizabeth Hutchins, Jingyao Mu, Zhongbin Deng, Chao Luo, Kumaran Sundaram, Mukesh K Sriwastva, Lifeng Zhang, Michael Hsieh, Rebecca Reiman, Haribabu Bodduluri, Yan Jun, Venkatakrishna Rao Jala, Donald M Miller, Kendall Van Keuren-Jensen, Michael L Merchant, Craig J McClain, Juw Won Park, Nejat K Egilmez, Huang-Ge Zhang. Plant-derived exosomal microRNAs shape the gut microbiota. ***Cell Host & Microbe. 2018***. **(Co-senior author)**
2. Qilong wang, XiaoYing Zhuang, Mukesh Sriwastva, Jingyao Mu, **Yun Teng**, Zhongbin Deng, Lifeng Zhang, Kumaran Sundaram, Anil Kumar, Donald Miller, Jun Yan, Huang-Ge Zhang. Blood exosomes regulate the tissue distribution of foreign nanoparticles via the CD36 and IGFR1 pathways. ***Nanotheranostics. 2018.***
3. **Teng Y,** Ren Y, Hu X, Mu J, Samykutty A, Zhuang X, Deng Z, Kumar A, Zhang L, Merchant ML, Yan J, Miller DM, Zhang HG. MVP-mediated exosomal sorting of miR-193a promotes colon cancer progression. ***Nature Communications. 2017 Feb 17;8:14448.*** **(Co-senior author)**
4. Deng Z, Rong Y, **Teng Y**, Mu J, Zhuang X, Tseng M, Samykutty A, Zhang L, Yan J, Miller D, Suttles J, Zhang HG. Broccoli-Derived Nanoparticle Inhibits Mouse Colitis by Activating Dendritic Cell AMP-Activated Protein Kinase. ***Mol Ther.*** **2017 Jul 5;25(7):1641-1654.**
5. **Teng Y**, Mu J, Hu X, Samykutty A, Zhuang X, Deng Z, Zhang L, Cao P, Yan J, Miller D, Zhang HG. Grapefruit-derived nanovectors deliver miR18a for treatment of liver metastasis of colon cancer by induction of M1 macrophages. ***Oncotarget***. ***2016 May 3;7(18):25683-97.***
6. Deng Z, Rong Y, **Teng Y**, Zhuang X, Samykutty A, Mu J, Zhang L, Cao P, Yan J, Miller D, Zhang HG. Exosomes miR-126a released from MDSCs induced by DOX treatment promotes lung metastasis. ***Oncogene. 2016 Jun 27***
7. Zhang HG, Cao P, **Teng Y**, Hu X, Wang Q, Yeri AS, Zhuang X, Samykutty A, Mu J, Deng ZB, Zhang L, Mobley JA, Yan J, Van Keuren-Jensen K, Miller D. Isolation, Identification, and Characterization of Novel Nanovesicles. ***Oncotarget***. ***2016 Jul 5;7(27):41346-41362.***
8. Zhuang X, **Teng Y**, Samykutty A, Mu J, Deng Z, Zhang L, Cao P, Rong Y, Yan J, Miller D, Zhang HG. Grapefruit-derived Nanovectors Delivering Therapeutic miR17 Through an Intranasal Route Inhibit Brain Tumor Progression. ***Mol Ther. 2016 Feb;24(1):96-105.***
9. **Teng Y**, Radde BN, Litchfield LM, Ivanova MM, Prough RA, Clark BJ, Doll MA, Hein DW, Klinge CM. Dehydroepiandrosterone Activation of G-protein-Coupled Estrogen Receptor Rapidly Stimulates microRNA-21 Transcription in Human Hepatocellular Carcinoma Cells. ***J Biol Chem. 2015 Jun 19;290(25):15799-811.***

10. **Teng Y,** Litchfield LM, Ivanova MM, Prough RA, Clark BJ, Klinge CM. Dehydroepiandrosterone-induces miR-21 transcription in HepG2 cells through estrogen receptor β and androgen receptor. ***Mol Cell Endocrinol. 2014 Jul 5;392(1-2):23-36***

11. Medjakovic S, Zoechling A, Gerster P, Ivanova MM, **Teng Y**, Klinge CM. Schildberger B, Gartner M, Jungbauer A. Effect of nonpersistent pesticides on estrogen receptor, androgen receptor, and aryl hydrocarbon receptor. ***Environ Toxicol. 2014 Oct;29(10):1201-16.***

12. Manavalan TT, **Teng Y (co-first author),** Litchfield LM, Muluhngwi P, Al-Rayyan N, and Carolyn M. Klinge Reduced expression of miR-200 family members contributes to antiestrogen resistance in LY2 human breast cancer cells ***PLOS ONE 2013 Apr 23;8(4): e62334.***

13. **Teng Y,** Manavalan TT, Hu C, Medjakovic S, Jungbauer A, Klinge CM. Endocrine disruptors fludioxonil and fenhexamid stimulate miR-21 expression in breast cancer cells. ***Toxicol Sci. 2013 Jan;131(1):71-83.***

14. Manavalan TT, **Teng Y**, Appana SN, Datta S, Kalbfleisch TS, Li Y, Klinge CM. Differential expression of microRNA expression in tamoxifen-sensitive MCF-7 versus tamoxifen-resistant LY2 human breast cancer cells. ***Cancer Lett. 2011 Dec 26;313(1):26-43.***

15. Klinge CM, Radde BN, Imbert-Fernandez Y, **Teng Y**, Ivanova MM, Abner SM, Martin AL. Targeting the Intracellular MUC1 C-terminal Domain Inhibits Proliferation and Estrogen Receptor Transcriptional Activity in Lung Adenocarcinoma Cells. ***Mol Cancer Ther. 2011 Oct 25.***

16. Imbert-Fernandez Y, Radde BN, **Teng Y**, Young WW Jr, Hu C, Klinge CM. MUC1/A and MUC1/B splice variants differentially regulate inflammatory cytokine expression. ***Exp Eye Res. 2011 Aug 16.***

17. Reyes-Reyes EM, **Teng Y**, Bates PJ. A new paradigm for aptamer therapeutic AS1411 action: uptake by macropinocytosis and its stimulation by a nucleolin-dependent mechanism. ***Cancer Res. 2010 Nov 1;70(21):8617-29.***

18. **Teng Y**, Girvan AC, Casson LK, Pierce WM Jr, Qian M, Thomas SD, Bates PJ. AS1411 alters the localization of a complex containing protein arginine methyltransferase 5 and nucleolin. ***Cancer Res. 2007; 67(21):10491-500.***

19. Girvan AC, **Teng Y,** Casson LK, Thomas SD, Juliger S, Ball MW, Klein JB, Pierce WM Jr, Barve SS, Bates PJ. AGRO100 inhibits activation of nuclear factor-kappaB (NF-kappaB) by forming a complex with NF-kappaB essential modulator (NEMO) and nucleolin. ***Mol Cancer Ther. 2006; 5(7):1790-9.***