

## **Zhuo Zhenjian**

### **Academic Qualifications:**

2009-2013: B. S. Pharmaceutics, Guangzhou University of Chinese Medicine, Guangzhou, China

2013-2016: M. S. Chinese Medicine, Jinan University, Guangzhou, China

2016-now: Ph.D. Chinese Medicine, School of Chinese Medicine, Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong SAR

### **Present academic position:**

2016-now: Ph.D. student School of Chinese Medicine, The Chinese University of Hong Kong, Hong Kong SAR., China.

### **Previous relevant research work:**

Using small molecule discovery web server for targeting AGO-mediated miRNA-mRNA interaction to rescue inhibition of mRNA translation.

Nucleic acid aptamer based drug discovery for skeletal diseases and cancer therapy.

### **Publication Records:**

#### **Section A-Five most representative publications in the recent five years (\* Corresponding Author)**

1. Zhang ZK, Li J, Guan DG, Liang C, **Zhuo ZJ**, Liu J, Lu AP, Zhang G, Zhang BT. A newly identified lncRNA MAR1 acts as a miR-487b sponge to promote skeletal muscle differentiation and regeneration, *J Cachexia Sarcopenia Muscle*. 2018; 9(3): 613–626.

2. **Zhuo ZJ**, Yu Y, Wang M, Li J, Zhang Z, Liu J, Wu X, Lu A, Zhang G, Zhang BT. Recent advances in SELEX technology and aptamer applications in biomedicine, *Int J Mol Sci* 2017, 18(10).

3. **Zhuo ZJ**, Hu JY, Yang XL, Chen MF, Lei XP, Deng LJ, Yao N, Peng QL, Chen ZS, Ye WC, Zhang DM. Ailanthone Inhibits Huh7 Cancer Cell Growth via Cell Cycle Arrest and Apoptosis In Vitro and In Vivo, *Scientific Reports*, 2015, 11(3):5.

3. Deng LJ, Peng QL, Wang LH, Xu J, Liu JS, Li YJ, **Zhuo ZJ**, Bai LL, Hu LP, Chen WM, Ye WC, Zhang DM. Arenobufagin intercalates with DNA leading to G2 cell cycle arrest via ATM/ATR pathway, *Oncotarget*, 2015, 6(33):34258-34275.

5. Lei XP, Chen MF, Nie QL, Hu JY, **Zhuo ZJ**, Yiu A, Chen HR, Xu NH, Bai LL, Zhang DM, Ye WC. In vitro and in vivo antiangiogenic activity of desacetylvinblastine monohydrazone through inhibition of VEGFR2 and Axl pathways, American Journal of Cancer Research, 2016, 6(4): 843-858.

**Section B - Five representative publications beyond the recent five-year period with the latest publication entered first**

N/A