

LU Jun (Ph.D.)

Academic qualifications:

- 2003-2007: B.Med. School of bioinformatics, Chongqing University of Posts and Telecommunications, Chongqing, China
- 2007-2008 College of Chemistry, University of Science and Technology of China, Hefei, China
- 2008-2010: M.Sci. Chengdu Institute of Biology, Chinese Academy of Sciences, Chengdu, China
- 2015-2017: Ph.D School of Chinese Medicine, Hong Kong Baptist University, Hongkong, China

Previous academic positions held:

- 2014-2015 Research Assistant, School of Chinese Medicine, Hong Kong Baptist University, Hongkong, China

Present academic position:

- 2017-now: Postdoctoral Research Fellow, School of Chinese Medicine, Hong Kong Baptist University, Hong Kong, China

Previous relevant research work:

Synthesis of bioactive small molecules and research their structure activity relationship, developing targeted delivery systems

Publication records:

Section A-Five most representative publications in the recent five years

1. Lu J., Wang M., Wang Z., Fu Z., Lu A., Zhang G., Advances in the discovery of cathepsin K inhibitors on bone resorption. *J. Enzyme. Inhib. Med. Chem.*, 2018, 33, 890-904.
2. Li F., Lu J.(co-first author), Liu J., Liang C., Wang M., Wang L., Li D., Zhang B., Lu A., Zhang G., A water-soluble nucleolin aptamer-paclitaxel conjugate for tumor-specific targeting in ovarian cancer. *Nat. Commun.*, 2017, 8, 1390.
3. Lu J, Jiang F, Lu A, Zhang G., Linkers having a crucial role in antibody–drug conjugates [J]. *Int. J. Mol. Sci.*, 2016, 17, 561.
4. Lu J., Fu X., Zhang G., Wang C., β -Cyclodextrin as an efficient catalyst for the one-pot synthesis of tetrahydrobenzo [b] pyran derivatives in water [J]. *Res. Chem. Intermediate.*, 2016, 42, 417-424.
5. Jiang F., Liu B., Lu J. (co-first author), Li F., Li D., Liang C., Dang L., Lu A, Zhang G., Progress and challenges in developing aptamer-functionalized targeted drug delivery systems [J]. *Int. J. Mol. Sci.*, 2015, 16, 23784-23822.

Award:

LU Jun. Li Fangfei., Develop a Highly Water Soluble Nucleolin Aptamer Paclitaxel Conjugate with a Cathepsin Labile Linker for Tumor Specific Targeting in breast Cancer **The First Prize.** The Fifteenth “Challenge Cup” National Final Competition. Shanghai, China (2017).

Patent:

1. Zhang G., Lu A., Wang C., Lu C., Lu J.. Preparation methods and application of triptolide and its derivatives. **Chinese Patent** (CN105121455 B, 2017).
2. Zhang G., Lu A., Wang C., Lu C., Lu J., Liu B.. Triptolide derivatives and preparation method and use thereof. **American Patent** (US9809822 B2, 2017).