

CURRICULUM VITAE of Dr. LIU Jin

Academic qualifications:

- 2005-2010: B. Med., Sun Yat-Sen University, China
2010-2013: M. Med., Sun Yat-Sen University, China
2013-2016: Ph.D., Hong Kong Baptist University, Hong Kong SAR, China

Previous academic positions held:

- 2011-2012: Postgraduate Resident, Department of Orthopaedics and Microsurgery, The First Affiliated Hospital of Sun Yat-Sen University
2013: Research Assistant, IRACE, Hong Kong Baptist University

Present academic position:

- 2016.10- Postdoctoral Research Fellow, Law Sau Fai Institute for Advancing Translational
2018.02: Medicine in Bone & Joint Diseases, School of Chinese Medicine, Hong Kong Baptist University
2018.03- Research Assistant Professor, Law Sau Fai Institute for Advancing Translational Medicine in Bone & Joint Diseases, School of Chinese Medicine, Hong Kong Baptist University

Previous relevant research work:

Bone and cartilage bio-imaging and histomorphometry, and the role of noncoding RNA in mediating the intercellular communication within bone and cartilage

Five most representative publications in the recent five years (* Corresponding Author)

1. Li F, Lu J, **Liu J (Co-first author)**, Liang C, Wang M, Wang L, Li D, Yao H, Zhang Q, Wen J, Zhang ZK, Li J, Lv Q, He X, Guo B, Guan D, Yu Y, Dang L, Wu X, Li Y, Chen G, Jiang F, Sun S, Zhang BT*, Lu A*, Zhang G*. A water-soluble nucleolin aptamer-paclitaxel conjugate for tumor-specific targeting in ovarian cancer. *Nature Communications* 2017; 8: 1390. (Impact factor: 12.124)
2. **Liu J**, Li D, Wu X, Dang L, Lu A, & Zhang G* (2017). Bone-derived exosomes. *Current Opinion in Pharmacology* 2017; 34, 64. (Impact factor: 5.363)
3. **Liu J**, Liang C, Guo B, Wu X, Li D, Zhang ZK, Zhang BT*, Lu A*, Zhang G*. Increased PLEKHO1 within osteoblasts suppresses Smad-dependent BMP signaling to inhibit bone formation during aging. *Aging Cell*. 2017; 16(2): 360-376. (Impact factor: 6.714)
4. Li D, **Liu J (Co-first author)**, Guo B, Liang C, Dang L, Lu C, He X, Cheung HY, Xu L, Lu C, He B, Liu B, Shaikh AB, Li F, Wang L, Yang Z, Au DW, Peng S, Zhang Z, Zhang BT, Pan X, Qian A, Shang P, Xiao L, Jiang B, Wong CK, Xu J, Bian Z, Liang Z, Guo DA, Zhu H, Tan W, Lu A*, Zhang G*. Osteoclast-derived exosomal miR-214-3p inhibits osteoblastic bone formation. *Nature Communications* 2016; 7(7): 10872. (Impact factor: 12.124)
5. **Liu J**, Dang L, Li D, Liang C, He X, Wu H, Qian A, Yang Z, Au DW, Chiang MW, Zhang BT, Han Q, Yue KK, Zhang H, Lv C, Pan X, Xu J, Bian Z, Shang P, Tan W, Liang Z, Guo B*, Lu A*, Zhang G*. A delivery system specifically approaching bone resorption surfaces to facilitate therapeutic modulation of microRNAs in osteoclasts. *Biomaterials* 2015; 52:148-60. (Impact factor: 8.402)