

# Curriculum Vita

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## **Educational Background**

- 2014.03.02 - 2019.02.25 Department of Life Science,  
Ewha womans University (Ph.D.)
- 2011.03.02 - 2013.02.22 Department of Biomaterial Engineering,  
Pusan National University (M.S.)
- 2007.03.02 - 2011.02.18 Department of Biomaterial Science,  
Pusan National University (B.S.)

## **Work Experience**

- 2012.10.22 - (current) Division of Convergence Technology,  
National Cancer Center, Korea
- 2018.01.01 - (current) JP Bio A Corporation, Korea

## **Publication**

1. Yin J\*, Jung JE\*, **Choi SI\***, Kim SS, Oh YT, Kim TH, Choi E, Lee SJ, Kim H, Kim EO, Lee YS, Chang HJ, Park JY, Kim Y, Yun T, Heo K, Kim YJ, Kim H, Kim YH\*, Park JB\*, Choi SW\*. Inhibition of BMP signaling overcomes acquired resistance to cetuximab in oral squamous cell carcinomas. *Cancer Lett.* 2018;414:181-189
2. Lee CW, **Choi SI**, Lee SJ, Oh YT, Park G, Park NY, Yoon KA, Kim S, Kim D\*, Kim YH\*, Suh JS. The effectiveness of ferritin as a contrast agent for cell tracking MRI in cancer mouse models. *Yonsei Med J* 2017; 58(1):51-58
3. Shin SH, Park EJ, Min C, **Choi SI**, Jeon S, Kim YH, Kim D. Theranostics. Tracking Perfluorocarbon Nanoemulsion Delivery by 19F MRI for Precise High Intensity Focused Ultrasound Tumor Ablation. 2017
4. Kim YH\*, Kim KT, Lee SJ, Hong SH, Moon JY, Yoon EK, Kim S, Kim EO, Kang SH, Kim SK, **Choi SI**, Goh SH, Kim D, Lee SW, Ju MH, Jeong JS, Kim IH. Image-aided Suicide Gene Therapy Utilizing Multifunctional hTERT-targeting Adenovirus for Clinical Translation in Hepatocellular Carcinoma. *Theranostics* 2016;6:357-368
5. Zhou H\*, **Choi SI\***, Zou F, Oh S, Kim JE, Hwang DY and Lee J. Cytotoxicity and Gene Expression in Sarcoma 180 Cells in Response to Spiky Magnetoplasmonic Supraparticles. *Applied materials & interfaces*, 2014