

CURRICULUM VITAE



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Position: Professor

Institution: Department of Pharmacy, College of Pharmacy, Seoul National University

Location: Seoul, Korea (Republic of)

Education: Ph.D. in Pharmacology
University of North Carolina at Chapel Hill, NC, USA

Representative Careers:

Assistant/Associate Professor; School of Medicine, Seoul National University
Associate/Full Professor; College of Pharmacy, Seoul National University

Specialty & Present Interest:

Liver cancer and disease/Drug development/Cell signaling/Cell morphology and migration

Representative papers (up to 5):

1. Nam, SH, Kim, D, Lee, D, Rhu J, Lee, H-M, Song, D-G, Jung, JW, Kim, JE, Kim, H-J, Kwon, NH, Jo, E-K, Kim, S, and **Lee JW (Corresponding author)**. (2018). Lysyl-tRNA synthetase-dependent communications of 3D colon epithelial spheroids with cancer-associated macrophages and fibroblasts promote metastasis. *Journal of Clinical Investigation*, 128(11):5034-5055.
2. D Lee, JW Jung, M Kang, SH Nam, J Ryu, MS Lee, HJ Kim, HE Song, J Choi, GH Lee, TY Kim, SH Kim, H Kim, P Kim, and **Lee JW (Corresponding author)**. (2015). TM4SF5/CD44 interaction-mediated self-renewal and circulating capacities of hepatocellular cancer cells. *Hepatology*. 61(6): 1978-1997.
3. S Choi, S-A Lee, TK Kwak, HJ Kim, MJ Lee, S-K Ye, S-H Kim, S Kim, and **J.W. Lee (corresponding author)**. (2009). Cooperation between integrin $\alpha 5$ and tetraspan TM4SF5 regulates VEGF-mediated angiogenic activity *Blood* 113(8):1845-1855.
4. S-A Lee, H.W. Ryu, Y.M. Kim, S Choi, M Lee, T-G Gwak, H.J. Kim, M. Cho, **K H Park, and J. W. Lee (corresponding authors)**. (2009). Blockade of tetraspan TM4SF5-mediated tumorigenic activity in hepatocytes by a synthetic compound. *Hepatology*, 49(4):1316-1325.
5. S-A Lee*, S-Y Lee*, I-H Cho, M-A Oh, E-S Kang, Y-B Kim, W D Seo, S Choi, J-O Nam, M T-Adachi, S Kitajima, S-K Ye, S Kim, Y-J Hwang, I-S Kim, K H Park, and **J.W. Lee (corresponding author)**. (2008). Tetraspanin TM4SF5 mediates loss of contact inhibition through epithelial-mesenchymal transition in human hepatocarcinoma *Journal of Clinical Investigation*. **118(4)**: 1354-1366. * equally contributed