



## Young-Jun Jeon

Postdoctoral Research Fellow, Stanford Cancer Center

### Bio

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#### HONORS AND AWARDS

- National Fellowships, National Research Foundation of Korea (08 / 2007 ~ 07 / 2008)
- National Scholarships, Gwangju Institute of Science and Technology (03 / 2004 ~ 02 / 2006)
- Dean's Lists, Sungkyunkwan University (09 / 1999 ~ 12 / 2002)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Ohio State University (2015)
- Master of Science, Gwangju Institute of Science and Technology (2006)
- Bachelor of Science, Sung Kyun Kwan University (2003)

#### STANFORD ADVISORS

- Maximilian Diehn, Postdoctoral Faculty Sponsor
- Maximilian Diehn, Postdoctoral Research Mentor

### Publications

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#### PUBLICATIONS

- **miRNA-mediated TUSC3 deficiency enhances UPR and ERAD to promote metastatic potential of NSCLC.** *Nature communications*  
Jeon, Y., Kim, T., Park, D., Nuovo, G. J., Rhee, S., Joshi, P., Lee, B., Jeong, J., Suh, S., Grotzke, J. E., Kim, S., Song, J., Sim, et al  
2018; 9 (1): 5110
- **Comparative expression profiling of testis-enriched genes regulated during the development of spermatogonial cells** *PLOS ONE*  
Ahn, J., Park, Y., Chen, P., Lee, T. J., Jeon, Y., Croce, C. M., Suh, Y., Hwang, S., Kwon, W., Pang, M., Kim, C., Lee, S. S., Lee, et al  
2017; 12 (4)
- **APIP, an ERBB3-binding partner, stimulates erbB2-3 heterodimer formation to promote tumorigenesis.** *Oncotarget*  
Hong, S. H., Lee, W. J., Kim, Y. D., Kim, H., Jeon, Y. J., Lim, B., Cho, D. H., Heo, W. D., Yang, D. H., Kim, C. Y., Yang, H. K., Yang, J. K., Jung, et al  
2016
- **ERK Activation Globally Downregulates miRNAs through Phosphorylating Exportin-5.** *Cancer cell*  
Sun, H. L., Cui, R., Zhou, J., Teng, K. Y., Hsiao, Y. H., Nakanishi, K., Fassan, M., Luo, Z., Shi, G., Tili, E., Kutay, H., Lovat, F., Vicentini, et al  
2016; 30 (5): 723–36
- **MicroRNA-224 is implicated in lung cancer pathogenesis through targeting caspase-3 and caspase-7** *ONCOTARGET*  
Cui, R., Kim, T., Fassan, M., Meng, W., Sun, H., Jeon, Y., Vicentini, C., Tili, E., Peng, Y., Scarpa, A., Liang, G., Zhang, Y. K., Chakravarti, et al  
2015; 6 (26): 21802-21815

- **The LIM-only transcription factor LMO2 determines tumorigenic and angiogenic traits in glioma stem cells** *CELL DEATH AND DIFFERENTIATION*  
Kim, S., Kim, E., Hitomi, M., Oh, S., Jin, X., Jeon, H., Beck, S., Jin, X., Kim, J., Park, C. G., Chang, S., Yin, J., Kim, et al  
2015; 22 (9): 1517-1525
- **MYC-repressed long noncoding RNAs antagonize MYC-induced cell proliferation and cell cycle progression** *ONCOTARGET*  
Kim, T., Cui, R., Jeon, Y., Fadda, P., Alder, H., Croce, C. M.  
2015; 6 (22): 18780-18789
- **MicroRNA-224 promotes tumor progression in nonsmall cell lung cancer** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Cui, R., Meng, W., Sun, H., Kim, T., Ye, Z., Fassan, M., Jeon, Y., Li, B., Vicentini, C., Peng, Y., Lee, T. J., Luo, Z., Liu, et al  
2015; 112 (31): E4288-E4297
- **MicroRNA-148a reduces tumorigenesis and increases TRAIL-induced apoptosis in NSCLC** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Joshi, P., Jeon, Y., Lagana, A., Middleton, J., Secchiero, P., Garofalo, M., Croce, C. M.  
2015; 112 (28): 8650-8655
- **A set of NF-kappa B-regulated microRNAs induces acquired TRAIL resistance in Lung cancer** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Jeon, Y., Middleton, J., Kim, T., Lagana, A., Piovan, C., Secchiero, P., Nuovo, G. J., Cui, R., Joshi, P., Romano, G., Di Leva, G., Lee, B., Sun, et al  
2015; 112 (26): E3355-E3364
- **Role of MYC-Regulated Long Noncoding RNAs in Cell Cycle Regulation and Tumorigenesis** *JNCI-JOURNAL OF THE NATIONAL CANCER INSTITUTE*  
Kim, T., Jeon, Y., Cui, R., Lee, J., Peng, Y., Kim, S., Tili, E., Alder, H., Croce, C. M.  
2015; 107 (4)
- **MicroRNAs in lung cancer.** *World journal of methodology*  
Joshi, P., Middleton, J., Jeon, Y., Garofalo, M.  
2014; 4 (2): 59-72
- **Long-range interaction and correlation between MYC enhancer and oncogenic long noncoding RNA CARLo-5** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Kim, T., Cui, R., Jeon, Y., Lee, J., Lee, J. H., Sim, H., Park, J. K., Fadda, P., Tili, E., Nakanishi, H., Huh, M., Kim, S., Cho, et al  
2014; 111 (11): 4173-4178
- **Insulin growth factor signaling is regulated by microRNA-486, an underexpressed microRNA in lung cancer** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Peng, Y., Dai, Y., Hitchcock, C., Yang, X., Kassis, E. S., Liu, L., Luo, Z., Sun, H., Cui, R., Wei, H., Kim, T., Lee, T. J., Jeon, et al  
2013; 110 (37): 15043-15048
- **MiR-34a/c-Dependent PDGFR-### Downregulation Inhibits Tumorigenesis and Enhances TRAIL-Induced Apoptosis in Lung Cancer.** *PloS one*  
Garofalo, M., Jeon, Y. J., Nuovo, G. J., Middleton, J., Secchiero, P., Joshi, P., Alder, H., Nazaryan, N., Di Leva, G., Romano, G., Crawford, M., Nana-Sinkam, P., Croce, et al  
2013; 8 (6): e67581
- **Regulation in the targeting of TRAIL receptor 1 to cell surface via GODZ for TRAIL sensitivity in tumor cells** *CELL DEATH AND DIFFERENTIATION*  
Oh, Y., Jeon, Y., Hong, G., Kim, I., Woo, H., Jung, Y.  
2012; 19 (7): 1196-1207
- **MicroRNAs/TP53 feedback circuitry in glioblastoma multiforme** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Suh, S., Yoo, J. Y., Nuovo, G. J., Jeon, Y., Kim, S., Lee, T. J., Kim, T., Bakacs, A., Alder, H., Kaur, B., Aqeilan, R. I., Pichiorri, F., Croce, et al  
2012; 109 (14): 5316-5321
- **EGFR and MET receptor tyrosine kinase-altered microRNA expression induces tumorigenesis and gefitinib resistance in lung cancers.** *Nature medicine*  
Garofalo, M., Romano, G., Di Leva, G., Nuovo, G., Jeon, Y., Ngankeu, A., Sun, J., Lovat, F., Alder, H., Condorelli, G., Engelman, J. A., Ono, M., Rho, et al  
2012; 18 (1): 74-82
- **p53 regulates epithelial-mesenchymal transition through microRNAs targeting ZEB1 and ZEB2** *JOURNAL OF EXPERIMENTAL MEDICINE*  
Kim, T., Veronese, A., Pichiorri, F., Lee, T. J., Jeon, Y., Volinia, S., Pineau, P., Marchio, A., Palatini, J., Suh, S., Alder, H., Liu, C., Dejean, et al

2011; 208 (5): 875-883

- **Ribosomal protein S6 is a selective mediator of TRAIL-apoptotic signaling** *ONCOGENE*  
Jeon, Y., Kim, I. K., Hong, S., Nan, H., Kim, H., Lee, H., Masuda, E. S., Meyuhas, O., Oh, B., Jung, Y.  
2008; 27 (31): 4344-4352
- **AK2 activates a novel apoptotic pathway through formation of a complex with FADD and caspase-10** *NATURE CELL BIOLOGY*  
Lee, H., Pyo, J., Oh, Y., Kim, H., Hong, S., Jeon, Y., Kim, H., Cho, D., Woo, H., Song, S., Nam, J., Kim, H. J., Kim, et al  
2007; 9 (11): 1303-U176
- **Neuronal vulnerability of CLN3 deletion to calcium-induced cytotoxicity is mediated by calsenilin** *HUMAN MOLECULAR GENETICS*  
Chang, J., Choi, H., Kim, H., Jo, D., Jeon, Y., Noh, J., Park, W. J., Jung, Y.  
2007; 16 (3): 317-326