

Stanford



Jeewon Sylvia Kim

Program Manager, SPARK at Stanford

Bio

CURRENT ROLE AT STANFORD

Program manager for SPARK Translational Science Program overseeing educational seminar series, managing projects and facilitating SPARK global operations.

EDUCATION AND CERTIFICATIONS

- Post-doctoral fellow, Stanford School of Medicine , Molecular Pharmacology
- PhD, UC Berkeley , Molecular and Biochemical Nutrition and Metabolism

Publications

PUBLICATIONS

- **N6-Methyladenosine Modification Controls Circular RNA Immunity.** *Molecular cell*
Chen, Y. G., Chen, R., Ahmad, S., Verma, R., Kasturi, S. P., Amaya, L., Broughton, J. P., Kim, J., Cadena, C., Pulendran, B., Hur, S., Chang, H. Y.
2019
- **Replication study: Melanoma exosomes educate bone marrow progenitor cells toward a pro-metastatic phenotype through MET.** *eLife*
Kim, J., Afshari, A., Sengupta, R., Sebastiano, V., Gupta, A., Kim, Y. H., Reproducibility Project: Cancer Biology, Iorns, E., Tsui, R., Denis, A., Perfito, N., Errington, T. M., Iorns, E., et al
2018; 7
- **Promoter of lncRNA Gene PVT1 Is a Tumor-Suppressor DNA Boundary Element.** *Cell*
Cho, S. W., Xu, J., Sun, R., Mumbach, M. R., Carter, A. C., Chen, Y. G., Yost, K. E., Kim, J., He, J., Nevins, S. A., Chin, S., Caldas, C., Liu, et al
2018; 173 (6): 1398
- **Targeting aldehyde dehydrogenase activity in head and neck squamous cell carcinoma with a novel small molecule inhibitor.** *Oncotarget*
Kim, J., Shin, J. H., Chen, C. H., Cruz, L., Farnebo, L., Yang, J., Borges, P., Kang, G., Mochly-Rosen, D., Sunwoo, J. B.
2017; 8 (32): 52345-52356
- **Aldehyde dehydrogenase 2*2 knock-in mice show increased reactive oxygen species production in response to cisplatin treatment.** *Journal of biomedical science*
Kim, J., Chen, C., Yang, J., Mochly-Rosen, D.
2017; 24 (1): 33-?
- **Registered report: Melanoma exosomes educate bone marrow progenitor cells toward a pro-metastatic phenotype through MET.** *eLife*
Lesnik, J. n., Antes, T. n., Kim, J. n., Griner, E. n., Pedro, L. n.
2016; 5: e07383
- **Boosting Cancer Immunotherapy with Anti-CD137 Antibody Therapy** *CLINICAL CANCER RESEARCH*
Yonezawa, A., Dutt, S., Chester, C., Kim, J., Kohrt, H. E.
2015; 21 (14): 3113-3120

- **In vivo demonstration of enhanced radiotherapy using rare earth doped titania nanoparticles** *NANOSCALE*
Townley, H. E., Kim, J., Dobson, P. J.
2012; 4 (16): 5043-5050
- **Discovery of a Novel Class of Covalent Inhibitor for Aldehyde Dehydrogenases** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Khanna, M., Chen, C., Kimble-Hill, A., Parajuli, B., Perez-Miller, S., Baskaran, S., Kim, J., Dria, K., Vasilou, V., Mochly-Rosen, D., Hurley, T. D.
2011; 286 (50): 43486-43494
- **Discovery and Preclinical Validation of Drug Indications Using Compendia of Public Gene Expression Data** *SCIENCE TRANSLATIONAL MEDICINE*
Sirota, M., Dudley, J. T., Kim, J., Chiang, A. P., Morgan, A. A., Sweet-Cordero, A., Sage, J., Butte, A. J.
2011; 3 (96)
- **PKC delta Activation Mediates Angiogenesis via NADPH Oxidase Activity in PC-3 Prostate Cancer Cells** *PROSTATE*
Kim, J., Koyanagi, T., Mochly-Rosen, D.
2011; 71 (9): 946-954
- **Sustained inhibition of PKC alpha reduces intravasation and lung seeding during mammary tumor metastasis in an in vivo mouse model** *ONCOGENE*
Kim, J., Thorne, S. H., Sun, L., Huang, B., Mochly-Rosen, D.
2011; 30 (3): 323-333
- **Long non-coding RNA HOTAIR reprograms chromatin state to promote cancer metastasis** *NATURE*
Gupta, R. A., Shah, N., Wang, K. C., Kim, J., Horlings, H. M., Wong, D. J., Tsai, M., Hung, T., Argani, P., Rinn, J. L., Wang, Y., Brzoska, P., Kong, et al
2010; 464 (7291): 1071-U148
- **Dehydroepiandrosterone supplement increases malate dehydrogenase activity and decreases NADPH-dependent antioxidant enzyme activity in rat hepatocellular carcinogenesis.** *Nutrition research and practice*
Kim, J., Kim, S. H., Choi, H.
2008; 2 (2): 80-4
- **Pharmacological doses of dietary curcumin increase colon epithelial cell proliferation in vivo in rats.** *Phytotherapy research : PTR*
Kim, S. J., Hellerstein, M. K.
2007; 21 (10): 995-8
- **In vivo measurement of DNA synthesis rates of colon epithelial cells in carcinogenesis.** *Biochemical and biophysical research communications*
Kim, S. J., Turner, S., Killion, S., Hellerstein, M. K.
2005; 331 (1): 203-9
- **Isolation of nuclei from label-retaining cells and measurement of their turnover rates in rat colon.** *American journal of physiology. Cell physiology*
Kim, S. J., Cheung, S., Hellerstein, M. K.
2004; 286 (6): C1464-73
- **Measurement in vivo of proliferation rates of slow turnover cells by 2H2O labeling of the deoxyribose moiety of DNA.** *Proceedings of the National Academy of Sciences of the United States of America*
Neese, R. A., Misell, L. M., Turner, S., Chu, A., Kim, J., Cesar, D., Hoh, R., Antelo, F., Strawford, A., McCune, J. M., Christiansen, M., Hellerstein, M. K.
2002; 99 (24): 15345-50