



## Jeewon Sylvia Kim

Program Manager, SPARK at Stanford

### Bio

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#### 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

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#### 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*  
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- **Promoter of lncRNA Gene PVT1 Is a Tumor-Suppressor DNA Boundary Element.** *Cell*  
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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.  
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- **Boosting Cancer Immunotherapy with Anti-CD137 Antibody Therapy** *CLINICAL CANCER RESEARCH*  
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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., Vasiliou, 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*  
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- **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.  
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- **Pharmacological doses of dietary curcumin increase colon epithelial cell proliferation in vivo in rats.** *Phytotherapy research : PTR*  
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- **In vivo measurement of DNA synthesis rates of colon epithelial cells in carcinogenesis.** *Biochemical and biophysical research communications*  
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- **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.  
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- **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*  
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