



## Hyungjoo Kim

Postdoctoral Scholar, Pathology

### Bio

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#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Hanyang University (2021)
- Bachelor of Science, Hanyang University (2015)
- B.S., Hanyang University , Life Science (2015)
- Ph.D., Hanyang University , Life Science (2021)

#### STANFORD ADVISORS

- Edgar Engleman, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Induction of SUSD2 by STAT3 Activation Is Associated with Tumor Recurrence in HER2-Positive Breast Cancer.** *Cells*  
Jeong, Y., Kim, H., You, D., Cho, S. Y., Yoon, S. Y., Kim, S. W., Nam, S. J., Lee, J. E., Kim, S.  
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- **The acid-sensing receptor GPR65 on tumor macrophages drives tumor growth in obesity.** *Science immunology*  
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- **MHC II immunogenicity shapes the neopeptide landscape in human tumors.** *Nature genetics*  
Kim, J. Y., Cha, H., Kim, K., Sung, C., An, J., Bang, H., Kim, H., Yang, J. O., Chang, S., Shin, I., Noh, S. J., Shin, I., Cho, et al  
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- **Immune Checkpoint Blockades in Triple-Negative Breast Cancer: Current State and Molecular Mechanisms of Resistance.** *Biomedicines*  
Kim, H., Choi, J. M., Lee, K. M.  
2022; 10 (5)
- **YAP, CTGF and Cyr61 are overexpressed in tamoxifen-resistant breast cancer and induce transcriptional repression of ER $\alpha$ .** *Journal of cell science*  
Kim, H., Son, S., Ko, Y., Lee, J. E., Kim, S., Shin, I.  
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- **CTGF regulates cell proliferation, migration, and glucose metabolism through activation of FAK signaling in triple-negative breast cancer.** *Oncogene*  
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- **Silencing of CD133 inhibits GLUT1-mediated glucose transport through downregulation of the HER3/Akt/mTOR pathway in colon cancer.** *FEBS letters*  
Kim, H., Ju, J. H., Son, S., Shin, I.  
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- **Toxicological assessment of phthalates and their alternatives using human keratinocytes.** *Environmental research*  
Kim, H., Nam, K., Oh, S., Son, S., Jeon, D., Gye, M. C., Shin, I.  
2019; 175: 316-322
- **Titanium dioxide nanoparticles induce apoptosis by interfering with EGFR signaling in human breast cancer cells.** *Environmental research*  
Kim, H., Jeon, D., Oh, S., Nam, K., Son, S., Gye, M. C., Shin, I.  
2019; 175: 117-123
- **Role of the CCN protein family in cancer.** *BMB reports*  
Kim, H., Son, S., Shin, I.  
2018; 51 (10): 486-492
- **Comparative toxicological evaluation of nonylphenol and nonylphenol polyethoxylates using human keratinocytes.** *Drug and chemical toxicology*  
Kim, H., Oh, S., Gye, M. C., Shin, I.  
2018; 41 (4): 486-491
- **Cytotoxicity measurement of Bisphenol A (BPA) and its substitutes using human keratinocytes.** *Environmental research*  
Son, S., Nam, K., Kim, H., Gye, M. C., Shin, I.  
2018; 164: 655-659
- **Egr-1 is required for neu/HER2-induced mammary tumors.** *Cellular signalling*  
Oh, S., Kim, H., Nam, K., Shin, I.  
2018; 45: 102-109
- **Silencing of Glut1 induces chemoresistance via modulation of Akt/GSK-3 $\beta$ / $\beta$ -catenin/survivin signaling pathway in breast cancer cells.** *Archives of biochemistry and biophysics*  
Oh, S., Kim, H., Nam, K., Shin, I.  
2017; 636: 110-122
- **Cytotoxic Effect of Nano-SiO<sub>2</sub> in Human Breast Cancer Cells via Modulation of EGFR Signaling Cascades.** *Anticancer research*  
Jeon, D., Kim, H., Nam, K., Oh, S., Son, S. H., Shin, I.  
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- **Binding of galectin-1 to integrin  $\beta$ 1 potentiates drug resistance by promoting survivin expression in breast cancer cells.** *Oncotarget*  
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2017; 8 (22): 35804-35823
- **Glut1 promotes cell proliferation, migration and invasion by regulating epidermal growth factor receptor and integrin signaling in triple-negative breast cancer cells.** *BMB reports*  
Oh, S., Kim, H., Nam, K., Shin, I.  
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