

Curriculum Vitae
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Education

- Feb 2012 – present **M.S. / Ph.D. candidate (Advisor Prof. Pilhan Kim)**
Graduate School of Nanoscience and Technology
Korea Advanced Institute of Science and Technology (KAIST), Daejeon,
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- Mar 2008 – Feb 2012 **B. S.**
Nanomedical Engineering
Pusan National University, Busan, Republic of Korea

Publications

Kim S, Kim H, Park M, Cho S, Goughnour P, Han D, Yoon I, Kim Y, Kang T, **Song E**, Kim P, Choi H, Mun J, Song C, Lee S, Jung H, Kim S, "Caspase-8 controls the secretion of inflammatory lysyl-tRNA synthetase in exosomes from cancer cell", *The Journal of Cell Biology*, 2017, Accepted.

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Ahn J, Choe K, Wang T, Hwang Y, **Song E**, Kim KH, Kim P, "In Vivo Longitudinal Cellular Imaging of Small Intestine by Side-view Endomicroscopy", *Biomedical Optics Express*, 6(10), 3963, 2015.

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Presentations

Song E, Ahn J, Choe K, Hwang Y, Seo H, Ahn S, Park I, Kim P, "Repetitive Intravital Imaging of Hair Follicle Based on In Vivo Optical Clearing of Skin," *Optical Society of Korea (OSK) Winter Annual Meeting '2017*, WP-VI-12, Jeongseon, Korea, Feb 2017. (Poster)

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Song E, Seo H, Choe K, Hwang Y, Ahn J, Park I, Ahn S, Moon J, Kim P, "Validation of Anti-cancer Drug Candidates Based on Repetitive In Vivo Visualization with Dorsal Skinfold Chamber," *The 10th Asia-Pacific Laser Symposium '2016*, Thu-P-62, Jeju, Korea, May 2016. (Poster)

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Song E, Seo H, Choe K, Hwang Y, Ahn J, Kim P, "Optical Clearing Based 3D Visualization of Cellular Network in Whole Cortex of Intact Lymph Node," **Optical Society of Korea (OSK) Summer Annual Meeting '2014**, WP-VI10, Daejeon, Korea, Aug. 2014. (Poster)

Song E, Choe K, Hwang Y, Seo H, Ahn J, Kim P, "Repetitive Visualization of Cancer Cell Characteristics within Subcutaneous Tissues Based on Dorsal Skinfold Chamber," **Korean Society of Medical & Biological Engineering Spring Meeting '2014**, P2-03, Osong, Korea, May 2014. (Poster)

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Song E, Seo H, Choe K, Hwang Y, Ahn J, Kim P, "Enhanced 3D Visualization of Lymph Node by Optical Clearing," **Korean Association of Immunologists Spring Meeting '2013**, P-117, Chuncheon, Korea, Apr. 2013. (Poster)

Song E, Seo H, Choe K, Hwang Y, Ahn J, Kim P, "Imaging Depth Enhancement of Lymph Node with Various Optical Clearing Agents," **Optical Society of Korea (OSK) Winter Annual Meeting '2013**, WP-VI10, Daejeon, Korea, Feb. 2013. (Poster)