


CV Template of KATRD International Conference 2020

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| Name | Si Yeol Song |  |
| Country | Korea | |
| Organization | Asan Medical Center, University of Ulsan College of Medicine | |
| Current Position | Professor | |

Educational Background

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| Mar 2004 - Feb 2006 | Ph.D., University of Ulsan College of Medicine (UUCM) |
| Mar 2002 - Feb 2004 | M.Sc. University of Ulsan College of Medicine |
| Mar 1991 - Feb 1997 | M.D. College of Medicine, Seoul National University |

Professional Experiences

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| Mar 2019 - | Professor, Dept. of Radiation Oncology (RO), Asan Medical Center, UUCM |
| Mar 2013 - Feb 2019 | Associate Professor, RO, Asan Medical Center (AMC), UUCM |
| Aug 2010 - Jul 2011 | Visiting Assistant Professor, MIPS, Stanford University, CA, United States |
| Mar 2008 - Feb 2013 | Assistant Professor, RO, AMC, UUCM |
| Mar 2006 - Feb 2007 | Clinical Instructor, RO, AMC |
| May 2001 - Feb 2002 | Residency, RO, AMC |

Professional Organizations

Korean Association for Lung Cancer (KALC), member of board of directors
Korean Society for Radiation Oncology (KOSRO), member of board of directors
Korean Association for Radiation Protection (KARP), member of board of directors
International Association for the Study of Lung Cancer (IASLC), member
European Society for Radiotherapy and Oncology (ESTRO), member

Main Scientific Publications

Kim SW, Kim C, Cho MS, Noh S, Lee M, Jeong C, Kwak J, Koh M, Song SY, Lee SW, Soh J, Cho S, Cho B. *Clinical implementation of a wide-field electron arc technique with a scatterer for widespread Kaposi's sarcoma in the distal extremities*. Sci Rep. 2020 Jun 16;10(1):9693

Lee KJ, Ko EJ, Park YY, Park SS, Ju EJ, Park J, Shin SH, Suh YA, Hong SM, Park IJ, Kim KP, Hwang JJ, Jang SJ, Lee JS, Song SY, Jeong SY, Choi EK. *A novel nanoparticle-based theranostic agent targeting LRP-1 enhances the efficacy of neoadjuvant radiotherapy in colorectal cancer*. Biomaterials. 2020 Oct;255:120151

Park G, Song SY, Ahn JH, Kim WL, Lee JS, Jeong SY, Park JW, Choi EK, Choi W, Jung IH. *The pretreatment erythrocyte sedimentation rate predicts survival outcomes after surgery and adjuvant radiotherapy for extremity soft tissue sarcoma*. Radiat Oncol. 2019 Jul 4;14(1):116.

Jung J, Song DY, Hwang JJ, Park HJ, Lee JS, Song SY, Jeong SY, Choi EK. *Induction of p53-mediated senescence is essential for the eventual anticancer therapeutic effect of RH1*. Arch Pharm Res. 2019 Sep;42(9):815-823.

Yoon K, Jeong C, Kim SW, Cho B, Kwak J, Kim SS, Song SY, Choi EK, Ahn S, Lee SW. *Dosimetric evaluation of respiratory gated volumetric modulated arc therapy for lung stereotactic body radiation therapy using 3D printing technology*. PLoS One. 2018 Dec 26;13(12):e0208685.

Lee S, Song SY, Kim SS, Choi W, Je HU, Back GM, Cho B, Jeong SY, Choi EK. *Feasible Optimization of Stereotactic Ablative Radiotherapy Dose by Tumor Size for Stage I Non-small-cell Lung Cancer*. Clin Lung Cancer. 2018 Mar;19(2):e253-261

Shin SH, Park SS, Ju EJ, Park J, Ko EJ, Hwang JJ, Suh YA, Jang SJ, Lee JS, Ko BK, Kim KT, Lee JS, Song SY, Jeong SY, Choi EK. *Establishment of a Patient-derived Xenograft for Development of Personalized HER2-targeting Therapy in Gastric Cancer*. Anticancer Res. 2018 Jan;38(1):287-293

Je HU, Song SY, Kim DK, Kim YH, Jeong SY, Back GM, Choi W, Kim SS, Park SI, Choi EK. *A 10-year clinical outcome of radiotherapy as an adjuvant or definitive treatment for primary tracheal adenoid cystic carcinoma*. Radiat Oncol. 2017 Dec;12(1):196

Shin SH, Park SS, Lee KJ, Ju EJ, Park J, Ko EJ, Jung J, Kuroda S, Hong SM, Hwang JJ, Lee JS, Song SY, Jeong SY, Choi EK. *Preclinical evaluation of cisplatin-incorporated bio-nanocapsules as chemo-radiotherapy for human hepatocellular carcinoma*. Oncol Rep. 2017 Oct;38(4):2259-2266

Kim YJ, Song SY, Kim W, Jeong SY, Choi W, Je HU, Lee JS, Choi EK. *Feasibility of Postoperative Radiotherapy Using Conventional Fractionation for Lymph Node Metastasis from Cutaneous Melanoma*. Anticancer Res. 2017 Aug;37(8):4239-4246.

Lee KJ, Shin SH, Lee JH, Ju EJ, Park YY, Hwang JJ, Suh YA, Hong SM, Jang SJ, Lee JS, Song SY, Jeong SY, Choi EK. *A strategy for actualization of active targeting nanomedicine practically functioning in a living body*. Biomaterials. 2017 Oct;141:136-148

Park SS, Jwa E, Shin SH, Ju EJ, Park I, Pak JH, Hwang JJ, Cho DH, Kim BM, Kim SB, Lee JS, Song SY, Jeong SY, Choi EK. *Ibuprofen sensitizes human hepatocellular carcinoma cells to TRAIL-induced apoptosis via calpain-mediated Bax cleavage*. Int J Biochem Cell Biol. 2017 FEB 28;8(9):15182-92

Song SY, Kim KP, Jeong SY, Park J, Park J, Jung J, Chung HK, Lee SW, Seo MH, Lee JS, Jung KH, Choi EK. *Polymeric nanoparticle-docetaxel for the treatment of advanced solid tumors: phase I clinical trial and preclinical data from an orthotopic pancreatic cancer model*. Oncotarget 2016 Nov 22;7(47):77348-57

Kim YJ, Song SY, Choi W, Je HU, Ahn JH, Chung HW, Lee JS. *Postoperative Radiotherapy After Limb-sparing Surgery for Soft-tissue Sarcomas of the Distal Extremities*. Anticancer Res. 2016 Sep;36(9):4825-31.

Ko YE, Cho B, Kim SS, Song SY, Choi EK, Ahn SD, Yi B. *Improving Delivery Accuracy of Stereotactic Body Radiotherapy to a Moving Tumor Using Simplified Volumetric Modulated Arc Therapy*. PLoS One. 2016 Jun 22;11(6)

Lee KJ, Lee JH, Chung HK, Ju EJ, Song SY, Jeong SY, Choi EK. *Application of peptide displaying phage as a novel diagnostic probe for human lung adenocarcinoma*. Amino Acids. 2016 Apr;48(4):1079-86.