

- **Name:** Sang Ah Han
- **Current Position:**
Associate Prof. in Surgery, Kyung Hee University Hospital at Gangdong (2017~ present)
- **Country:** Korea
- **Educational Background:**
Ph. Degree, The Graduate School, Sungkyunkwan University, Seoul, Korea (2008)
M.S. Degree, The Graduate School, Sungkyunkwan University, Seoul, Korea (2004)
M.D. Degree, Pusan National University College of Medicine, Pusan, Korea (2000)
- **Professional Experience:**
-Clinical Associate Prof. in Surgery, Kyung Hee University Hospital at Gangdong (2013-2016)
-Clinical Assistant Prof. in Surgery, Kyung Hee University Hospital at Gangdong (2010-2013)
-Fellowship: Breast care center, Division of Breast Endocrine Surgery, Seoul National University Bundang Hospital, Seoul, Korea (2007-2009)
-Residency: Department of Surgery, Samsung Seoul Medical Center, Sungkyungwan Unive (2001-2005)
- **Main Scientific Publications:**

The prevalence of BRCA mutations among familial breast cancer patients in Korea: results of the Korean Hereditary Breast Cancer study.

Han SA, Kim SW, Kang E, Park SK, Ahn SH, Lee MH, Nam SJ, Han W, Bae YT, Kim HA, Cho YU, Chang MC, Paik NS, Hwang KT, Kim SJ, Noh DY, Choi DH, Noh WC, Kim LS, Kim KS, Suh YJ, Lee JE, Jung Y, Moon BI, Yang JH, Son BH, Yom CK, Kim SY, Lee H, Jung SH; KOHBRA Research Group and the Korean Breast Cancer Society. *Fam Cancer*. 2013 Mar;12(1):75-81. doi: 10.1007/s10689-012-9578-7.

The prevalence and spectrum of BRCA1 and BRCA2 mutations in Korean population: recent update of the Korean Hereditary Breast Cancer (KOHBRA) study.

Kang E, Seong MW, Park SK, Lee JW, Lee J, Kim LS, Lee JE, Kim SY, Jeong J, Han SA, Kim SW; Korean Hereditary Breast Cancer Study Group. *Breast Cancer Res Treat*. 2015 May;151(1):157-68. doi: 10.1007/s10549-015-3377-4. Epub 2015 Apr 12.

WSB1 promotes tumor metastasis by inducing pVHL degradation.

Kim JJ, Lee SB, Jang J, Yi SY, Kim SH, Han SA, Lee JM, Tong SY, Vincelette ND, Gao B, Yin P, Evans D, Choi DW, Qin B, Liu T, Zhang H, Deng M, Jen J, Zhang J, Wang L, Lou Z. *Genes Dev*. 2015 Nov 1;29(21):2244-57. doi: 10.1101/gad.268128.115.

Prognostic value of putative cancer stem cell markers (CD24, CD44, CD133, and ALDH1) in human papillary thyroid carcinoma.

Han SA, Jang JH, Won KY, Lim SJ, Song JY. *Pathol Res Pract*. 2017 Aug;213(8):956-963. doi: 10.1016/j.prp.2017.05.002. Epub 2017 May 13.

WSB1 overcomes oncogene-induced senescence by targeting ATM for degradation.

Kim JJ, Lee SB, Yi SY, Han SA, Kim SH, Lee JM, Tong SY, Yin P, Gao B, Zhang J, Lou Z.

Cell Res. 2017 Feb;27(2):274-293. doi: 10.1038/cr.2016.148. Epub 2016 Dec 13.

The AMPK-Parkin axis negatively regulates necroptosis and tumorigenesis by inhibiting the necrosome.

Lee SB, Kim JJ, Han SA, Fan Y, Guo LS, Aziz K, Nowsheen S, Kim SS, Park SY, Luo Q, Chung JO, Choi SI, Aziz A, Yin P, Tong SY, Fiesel FC, Springer W, Zhang JS, Lou Z.

Nat Cell Biol. 2019 Aug;21(8):940-951. doi: 10.1038/s41556-019-0356-8. Epub 2019 Jul 29.

ALDH1 and tumor infiltrating lymphocytes as predictors for neoadjuvant chemotherapy response in breast cancer.

Lee A, Won KY, Lim SJ, Cho SY, Han SA, Park S, Song JY.

Pathol Res Pract. 2018 May;214(5):619-624. doi: 10.1016/j.prp.2018.04.006. Epub 2018 Apr 18.

Early Prediction of Tumor Response to Neoadjuvant Chemotherapy and Clinical Outcome in Breast Cancer Using a Novel FDG-PET Parameter for Cancer Stem Cell Metabolism.

Kim C, Han SA, Won KY, Hong IK, Kim DY.

J Pers Med. 2020 Sep 17;10(3):132. doi: 10.3390/jpm10030132.

Trends in Risk-Reducing Mastectomy and Risk-Reducing Salpingo-Oophorectomy in Korean Carriers of the BRCA1/2 Mutation.

Jung SM, Ryu JM, Park HS, Park JS, Kang E, Lee S, Lee HB, Youn HJ, Yoo TK, Kim J, Lee JE, Han SA, Kim D, Kim SW; Korean. Hereditary Breast Cancer Study Group.

J Breast Cancer. 2020 Dec 3;23(6):647-655. doi: 10.4048/jbc.2020.23.e61. eCollection 2020 Dec.

BRCA and Breast Cancer-Related High-Penetrance Genes.

Han SA, Kim SW.

Adv Exp Med Biol. 2021;1187:473-490. doi: 10.1007/978-981-32-9620-6_25.