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 - **Current Position & Affiliation:** Professor, Division of Breast and Endocrine surgery, Department of Surgery, Kyung Hee University, School of Medicine, Kyung Hee University Hospital at Gangdong
 - **Country:** Republic of Korea
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• Educational Background:

- M.D. Degree Pusan National University College of Medicine, Pusan Korea, 2000.
- M.S. Degree The Graduate School, Sungkyunkwan University, Seoul, Korea, 2004
- Ph. Degree The Graduate School, Sungkyunkwan University, Seoul, Korea, 2008

• Professional Experience:

- 2001-2005: Residency in surgery, Samsung Seoul Medical Center, Sungkyunkwan University, Seoul, Korea
- 2007-2009: Fellowship, Breast care center, Division of Breast Endocrine Surgery, Seoul National University Bundang Hospital, Seoul, Korea
- 2010 – 2012: Clinical Assistant Prof. in Surgery Kyung Hee University Hospital at Gangdong
- 2013 – 2016: Clinical Associate Prof. in Surgery, Kyung Hee University Hospital at Gangdong
- 2017 – 2021: Associate Prof. in Surgery Division of Breast and Endocrine surgery, Department of Surgery, Kyung Hee University, School of Medicine

• Professional Organizations:

- Member of Korean surgical society
- Member of Korean Breast Cancer Society
- Member of Korean Association of Endocrine Surgeon

• Main Scientific Publications:

1. Clinical Significance of Receptor-Interacting Protein 3 and Parkin, Essential Molecules for Necroptosis, in Breast Cancer. Won KY, Min SY, Song JY, Lim SJ, Han SA. J Breast Cancer. 2021 Feb;24(1):34-48.
2. BRCA and Breast Cancer-Related High-Penetrance Genes. Han SA, Kim SW. Adv Exp Med Biol. 2021;1187:473-490. .
3. 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.
4. 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.
5. 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, Newsheen 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.
6. Use of positron emission tomography-computed tomography to predict axillary metastasis in patients with triple-negative breast cancer Youm JH, Chung Y, Yang YJ, Han SA, Song JY *Korean J Clin Oncol.* 2018 Dec;14(2):135-141.
 7. 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.
 8. Meeting Highlights: The Second Consensus Conference for Breast Cancer Treatment in Korea. Lee S, Park IH, Park S, Sohn J, Jeong J, Ahn SG, Lee IJ, Lee HK, Lee SA, Park W, Lee KH, Kim SW, Han SA, Jung KH, Son BH. *J Breast Cancer.* 2017 Sep;20(3):228-233.
 9. 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.
 10. Influence of the Angelina Jolie Announcement and Insurance Reimbursement on Practice Patterns for Hereditary Breast Cancer. Lee J, Kim S, Kang E, Park S, Kim Z, Lee MH; Korean Breast Cancer Society. *J Breast Cancer.* 2017 Jun;20(2):203-207.
 11. 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.
 12. 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.
 13. The Korean Hereditary Breast Cancer (KOHBRA) study: protocols and interim report. Han SA, Park SK, Ahn SH, Lee MH, Noh DY, Kim LS, Noh WC, Jung Y, Kim KS, Kim SW; Korean Breast Cancer Study Group. *Clin Oncol (R Coll Radiol).* 2011 Sep;23(7):434-41.