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  - **Current Position & Affiliation:** Professor, Chonnam National University Medical School and Hwasun Hospital
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**• Educational Background:**

- 1992 - 1998 M.D., Chonnam National University College of Medicine, Gwangju, Korea
- 2008 - 2011 Ph.D., Chonnam National University College of Medicine, Gwangju, Korea
- 2012 - 2014 Post-doctoral fellow, NIDDK, NIH, Bethesda, USA

**• Professional Experience:**

- 1999 - 2006 Intern & Resident, Internal Medicine Chonnam National University Hospital, Gwangju, Korea
- 2006 - 2008 Fellow & Staff Clinician, Nephrology Chonnam National University Hospital, Gwangju, Korea
- 2008 - 2009 Fellow, Hematology-Oncology, Chonnam National University, Hwasun Hospital, Gwangju, South Korea
- 2009 - Present Staff Clinician, Hematology-Oncology, Chonnam National University, Hwasun Hospital, South Korea

**• Professional Organizations:**

- Active member of Korean Society of Medical Oncology (KSMO)
- Active member of Korean Cancer Study Group (KCSG)
- Active member of Korean Cancer Association (KCA)
- Active member of American Association for Cancer Research (AACR)

**• Main Scientific Publications:**

1. **Bae WK**, Lee BC, Kim HJ, Lee JJ, Chung IJ, Cho SB, Koh YS. A Phase I Study of Locoregional High-Dose Autologous Natural Killer Cell Therapy With Hepatic Arterial Infusion Chemotherapy in Patients With Locally Advanced Hepatocellular Carcinoma. *Front Immunol* 13:879452, 2022
2. Lee Y, Oh C, Kim J, Park MS, **Bae WK**, Yoo KH, Hong S. Bioinspired nonheme iron complex that triggers mitochondrial apoptotic signalling pathway specifically for colorectal cancer cells. *Chem Sci* 13(3):737-747, 2021
3. Revuri V, Rajendrakumar SK, Park MS, Mohapatra A, Uthaman S, Mondal J, **Bae WK**, Park IK, Lee YK. Heat-Confined Tumor-Docking Reversible Thermogel Potentiates Systemic Antitumor Immune Response During Near-Infrared Photothermal Ablation in Triple-Negative Breast Cancer. *Adv Healthc Mater*, 10(21):e2100907, 2021

4. Yoo KH, Kim DH, Oh S, Park MS, Kim H, Ha HH, Cho SH, Chung IJ, **Bae WK**. Transcriptome analysis upon potassium usnate exposure reveals ATF3-induced apoptosis in human gastric and colon cancer cells. *Phytomedicine*, 91:153655, 2021
5. Lau-Corona D, **Bae WK**, Hennighausen L, Waxman DJ. Sex-biased genetic programs in liver metabolism and liver fibrosis are controlled by EZH1 and EZH2. *PLOS Genet*, 16(5):e1008796, 2020
6. Cherukula K, Park MS, Sontyana AG, Mathew AP, Vijayan V, **Bae WK**, Park IK. Role of Immunosuppressive Microenvironment in Acquiring Immunotolerance Post-Photothermal Therapy. *J Korean Med Sci*, 34(44):e272, 2019
7. **Bae WK**, Lee HJ, Park SH, Kim JH, Kim HJ, Maeng CH, Park I, Sohn BS, Kim JA, Lee KH, Lim DH, Chang H, Kim SM, Kim HY, Song H, Lim S, Byun JH, Jung HA. Comparative effectiveness of palliative chemotherapy versus neoadjuvant chemotherapy followed by radical cystectomy versus cystectomy followed by adjuvant chemotherapy versus cystectomy for regional node-positive bladder cancer: A retrospective analysis: KCSG GU 17-03. *Cancer Med*, 8(12):5431-5437, 2019
8. Choi W, Kim JG, Beom SH, Hwang JE, Shim HJ, Cho SH, Shin MH, Jung SH, Chung IJ, Song JY, **Bae WK**. Immunogenicity and Optimal Timing of 13-Valent Pneumococcal Conjugate Vaccination during Adjuvant Chemotherapy in Gastric and Colorectal Cancer: A Randomized Controlled Trial. *Cancer Res Treat*, 52(1):246-253, 2019
9. Yang Y, **Bae WK**, Lee JY, Choi YJ, Lee KH, Park MS, Yu YH, Park SY, Zhou R, Taş İ, Gamage C, Paik MJ, Lee JH, Chung IJ, Kim KK, Hur JS, Kim SK, Ha HH, Kim H. Potassium usnate, a water-soluble usnic acid salt, shows enhanced bioavailability and inhibits invasion and metastasis in colorectal cancer. *Sci Rep*, 8(1):16234, 2018
10. **Bae WK**, Kwon J, Lee HW, Lee SC, Song EK, Shim H, Ryu KH, Song J, Seo S, Yang Y, Park JH, Lee KH, Han HS. Feasibility and accessibility of electronic patient-reported outcome measures using a smartphone during routine chemotherapy: a pilot study. *Support Care Cancer*, 26(11):3721-3728, 2018