

Sun Wook Cho

Curriculum Vitae

Professor
 Department of Internal Medicine, Seoul National University Hospital, Seoul National University College of Medicine, Korea



● Educational Background & Professional Experience

2015.3–Current	Professor, Division of Endocrinology and Metabolism, Department of Internal Medicine, Seoul National University Hospital, Seoul, Korea
2020.8–Current	Co–Founder/CEO, cellus inc., Daegu, Korea
2010.3–2012.2	Visiting Scholar/Research fellow, University of Michigan, School of dentistry, USA (PI: Pf. McCauley, osteoimmunology)
2003.3–2007.2	Residency, Department of Internal Medicine, Seoul National University Hospital, Seoul, South Korea
2007.3–2009.2	Endocrine Fellowship Division of Endocrinology and Metabolism, Department of Internal Medicine, Seoul National University Hospital, Seoul, South Korea
2002	MD, Seoul National University College of Medicine, Seoul, South Korea
2009	Ph.D, Seoul National University College of Medicine, Seoul, South Korea

● Research Interests

I am a board–certified endocrinologist and internist specializing in advanced thyroid cancer and endocrine complications of anticancer therapies. My research centers on the immunobiology of the bone marrow and metastatic tumor microenvironments. Using single–cell and spatial transcriptomics, I aim to uncover immune mechanisms driving thyroid cancer progression and identify novel immunotherapeutic targets.

● Publications

1. Park NY, Cho SW, Seo YE, Chae H, Lee I, Lee YA, Jun JK, Kim EN, Oh JW, Choi K, Kho Y. Exposure to and Transplacental Transfer of Per– and Polyfluoroalkyl Substances in a Twin Pregnancy Cohort in Korea –Environ Sci Technol. 2024
2. Song MK, Park SI, Cho SW. Circulating biomarkers for diagnosis and therapeutic monitoring in bone metastasis –J Bone Miner Metab. 2023
3. Shin HS, Sun HJ, Whang YM, Park YJ, Park DJ, Cho SW. Metformin Reduces Thyroid Cancer Tumor Growth in the Metastatic Niche of Bone by Inhibiting Osteoblastic RANKL Productions. Thyroid 2021
4. Lee KH, Lee KJ, Kim TY, Hutomo F, Sun HJ, Cheon GJ, Park SI, Cho SW, Im SA. Circulating Osteocalcin–Positive Cells as a Novel Diagnostic Biomarker for Bone Metastasis in Breast Cancer Patients. J Bone Miner Res. 2020
5. Song MK, Sun HJ, Cho SW. Conditioned medium of amniotic fluid–derived stromal cells exerts a bone anabolic effect by enhancing progenitor population and angiogenesis J Tissue Eng Regen Med. 2022

