

CURRICULUM VITAE



Name: Young-Joon SURH

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Position: Director and Professor

Institution: Tumor Microenvironment Global Core Research Center
College of Pharmacy, Seoul National University

Location: 1 Gwanak-ro, Gwanak-gu, Seoul 08826, South Korea

Education:

- BS: College of Pharmacy, Seoul National University, South Korea
- MS: College of Pharmacy, Seoul National University, South Korea
- PhD: McArdle Laboratory for Cancer Research, University of Wisconsin-Madison, USA

Representative Careers:

- Postdoc (1990-1992): Massachusetts Institute of Technology
- Assistant Professor (1992-1995): Yale University School of Medicine
- Director and Professor (2011-present): Tumor Microenvironment Global Core Research Center, College of Pharmacy, Seoul National University

Specialty & Present Interest:

1. Inflammation-associated carcinogenesis and its chemoprevention
2. Tumor microenvironment: stromal-tumor interaction
3. Redox regulation of breast cancer stemness

Representative papers (out of 345):

1. Ngo HKC, Kim DH, Cha YN, Na HK, **Surh YJ**. (2017) Nrf2 mutagenic activation drives hepatocarcinogenesis. *Cancer Res.*, 77(18):4797-4808.
2. Choi BJ, Park SA, Lee SY, Cha YN, **Surh YJ**. (2017) Hypoxia induces epithelial-mesenchymal transition in colorectal cancer cells through ubiquitin-specific protease 47-mediated stabilization of Snail: A potential role of Sox9. *Sci Rep.*, 2017 Nov 21;7(1):15918.
3. Kim SH, Zhong X, Kim W, Kim K, Suh YG, Kim C, Joe Y, Chung HT, Cha YN, **Surh YJ** (2018) Taurine chloramine potentiates phagocytic activity of peritoneal macrophages through up-regulation of dectin-1 mediated by heme oxygenase-1-derived carbon monoxide. *FASEB J.*, 32(4):246-57.
4. Yoon, H.-J., Kim, D.-H., Kim, S.-J., Jang, J.-H., and **Surh, Y.-J.** (2019) Src-mediated phosphorylation, ubiquitination and degradation of Caveolin-1 promotes breast cancer cell stemness. *Cancer Lett.* Epub ahead of publication.

