

Keun Hong Son (손근홍)

Personal website: keun-hong.github.io

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EDUCATION

Seoul National University, Seoul, Korea 03/2019-present
Doctor of Philosophy (PhD) in Veterinary & Biomedical Sciences (Cancer Biology track)

Dankook University, Cheonan, Korea 03/2016-02/2018
Master of Science (MSc) in Microbiology

Dankook University, Cheonan, Korea 03/2010-02/2016
Bachelor of Science (BSc) in Microbiology

EMPLOYMENT AND PROFESSIONAL EXPERIENCE

03/2019-present

Graduate research associate — BK21 PLUS Program for Creative Veterinary Science Research and Research Institute for Veterinary Science; and Comparative Medicine Disease Research Center (CDRC)
Seoul National University, Seoul, Korea
Lab PI: Je-Yoel Cho (<http://vetbio.snu.ac.kr>)

03/2018-02/2019

Research assistant — BK21 PLUS Program for Creative Veterinary Science Research and Research Institute for Veterinary Science; and Comparative Medicine Disease Research Center (CDRC)
Seoul National University, Seoul, Korea
Lab PI: Je-Yoel Cho

03/2017-02/2018

Visiting research fellow — Department of Pathology, College of Medicine
Catholic University, Seoul, Korea
Host PI: Suk Woo Nam (<https://www.namswlab.com>)

03/2017-02/2018

Visiting research fellow — Research Institute of Medical Science
Konkuk University, Seoul, Korea
Host PI: Jueng Soo You

03/2016-02/2018

Graduate research associate — Department of Microbiology, College of Natural Sciences
Dankook University, Cheonan, Korea
Lab PI: Keunsoo Kang

12/2014-02/2016

Research assistant — Department of Microbiology, College of Natural Sciences
Dankook University, Cheonan, Korea
Lab PI: Keunsoo Kang

PUBLICATIONS

Total number of publications: 8

As first-author: 3

As co-author: 5

**indicates co-first authorship*

Son KH*, Aldonza MBD*, Nam AR*, Lee KH, Lee JW, Shin KJ, Kang K, Cho JY. "Integrative mapping of the dog epigenome: reference annotation for comparative intertissue and cross-species studies". **Science Advances** 9, eade3399 (2023).

Featured in BRIC 한빛사

Kim H*, Lee K, **Son KH**, Shin T, Cho J. "Extracellular vesicle-mediated transfer of miR-1 from primary tumor repress distant metastasis growth". **bioRxiv** (2023)

Kim HS*, Na MJ*, **Son KH**, Yang HD, Kim SY, Shin E, Ha JW, Jeon S, Kang K, Moon K, Park WS, Nam SW. "ADAR1-dependent miR-3144-3p editing simultaneously induces MSI2 expression and suppresses SLC38A4 expression in liver cancer". **Experimental & Molecular Medicine** 55(1), 95-107 (2023)

Yoon Y*, You JS*, Kim T, Ahn WJ, Kim MJ, **Son KH**, Ricarte D, Ortiz D, Lee S, Lee H. "Senescence and impaired DNA damage responses in alpha-synucleinopathy models". **Experimental & Molecular Medicine** 54(2), 115-128 (2022)

Hong SH*, **Son KH***, Ha SY, Wee TI, Choi SK, Won JE, Han HD, Ro Y, Park Y, Eun JW, Nam SW, Han J, Kang K, You JS. "Nucleoporin 210 Serves a Key Scaffold for SMARCB1 in Liver Cancer". **Cancer Research** 81(2), 356-370 (2021)

Kim SY*, Shen Q, **Son K**, Kim HS, Yang HD, Na MJ, Shin E, Yu S, Kang K, You JS, Yu K, Jeong SM, Lee EK, Ahn YM, Park WS, Nam SW. "SMARCA4 oncogenic potential via IRAK1 enhancer to activate Gankyrin and AKR1B10 in liver cancer". **Oncogene** 40(28), 4652-4662 (2021)

Son K, Yu S, Shin W, Han K, Kang K. "A Simple Guideline to Assess the Characteristics of RNA-Seq Data". **BioMed Research International** (2018)

Lee K*, Park H*, **Son K**, Shin T, & Cho J. "Transcriptome Signatures of Canine Mammary Gland Tumors and Its Comparison to Human Breast Cancers". **Cancers (Basel)** 10(9), 317 (2018)

INTERNATIONAL CONFERENCES

- Oral Presentation (Invited Speaker), International Conference of the Korean Society for Molecular and Cellular Biology 2022 (Jeju, KR)

PROFESSIONAL SERVICE

Ad-Hoc Peer-Reviewer for the following journals (≥1 manuscript/s reviewed):

- Nature Communications

HONORS & AWARDS

- Young Scientist Award (우수발표상) — KSMCB 2022
- Thesis Award (논문발표상) — ERD Day 2022, College of Veterinary Medicine, SNU

CONTACT REFERENCES

Prof. Je-Yoel Cho

Professor

College of Veterinary Medicine

Seoul National University

E-mail: jeicho@snu.ac.kr

Prof. Keunsoo Kang

Associate Professor

Department of Microbiology

College of Natural Sciences

Dankook University

E-mail: kangk1204@dankook.ac.kr

Prof. Suk Woo Nam

Professor

Department of Pathology

College of Medicine

Catholic University

E-mail: swnam@catholic.ac.kr

Prof. Jueng Soo You

Associate Professor

Research Institute of Medical Science

Konkuk University

E-mail: jsyou@kku.ac.kr