

SANG-HO YOON

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RESEARCH INTEREST

Cancer genomics, Immunology, Single-cell sequencing analysis,
Next-generation sequencing data analysis

EDUCATION

2016.09 – Present **M.S./Ph.D. Integrated Program, Department of Life Science,**
Hanyang University, Seoul, Rep. of Korea
2010.03 – 2016.02 **B.S., Department of Life Science,** Hanyang University, Seoul,
Rep. of Korea

RESEARCH PROJECTS

2020.07 – Present 암 면역 미세환경 조절 lncRNA 연구실 (남진우, 한양대)
2020.06 – Present 단일세포 전사체 데이터를 통한 범 종양 시그니처 프로그램 발굴
(윤상호, 학문후속세대양성사업)
2018.01 – Present 멀티 오믹스 기반 전사체 플랫폼 개발 (김선, 서울대)
2017.09 – 2019.12 새로운 유세포 혈구분석 데이터 기반의 멀티레벨 질환진단모델
개발연구 (윤태현, 한양대)
2016.03 – 2017.11 생물정보학기술을 이용한 간질환 기전 규명 (남석우, 가톨릭대)

HONORS, AWARDS and SCHOLARSHIPS

2018.12 CNGC Poster Prize
2018.11 IJCGM ABL BIO Best Poster Award

PATENTS and PROGRAMS

2017.10.12 간질환통합데이터베이스 (C-2017-024325)

PRESENTATIONS

Poster presentations

2019.08 The 15th International Conference on Bioinformatics (BIOINFO)
 2018.12 Center for Next Generation Cytometry (CNGC) Symposium
 2018.11 International Joint Conference on Genetics & Medicine (IJCGM)
 2018.06 Korean Society for Molecular and Cellular Biology Summer
 Symposium
 2018.04 American Association for Cancer Research (AACR) Annual Meeting
 in Chicago

Oral presentations

2019.06 Genomics Interest Group Symposium (GIGS) @KAIST
 2021.03 IBS-SNU MINI-SYMPOSIA on RNA BIOLOGY & THERAPEUTICS

PUBLICATION

First author

- **Sang-Ho Yoon**, Seo-Won Choi, Suk Woo Nam, Kyoung Bun Lee[#], Jin-Wu Nam[#], **Preoperative immune landscape predisposes adverse outcomes in hepatocellular carcinoma patients with liver transplantation, *npj Precision Oncology* (2021)**
- Bumsik Cho*, **Sang-Ho Yoon***, Daewon Lee, Ferdinand Koranteng, Sudhir Gopal Tattikota, Nuri Cha, Mingyu Shin, Hobin Do, Yanhui Hu, Sue Young Oh, Seok Joon Moon, Norbert Perrimon, Jin-Wu Nam[#], Jiwon Shim[#], **Single-cell transcriptome maps of myeloid blood cell lineages in *Drosophila*, *Nature Communications* (2020)** (*These authors contributed equally)

Contributing author

- Sudhir Gopal Tattikota, Yanhui Hu, Yifang Liu, Bumsik Cho, Victor Barrera, Michael Steinbaugh, **Sang-Ho Yoon**, Aram Comjean, Fangge Li, Franz Dervis, Rwei-Jiun Hung, Jin-Wu Nam, Shannan Ho Sui, Jiwon Shim, Nobert Perrimon, **A single-cell survey of *Drosophila* blood, *eLife* (2020)**
- Kyeongdae Kim,* Dahee Shim,* Jun Seong Lee,* Konstantin Zaitsev,* Jesse W. Williams, Ki-Wook Kim, Man-Young Jang, Hyung Seok Jang, Tae Jin Yun, Seung Hyun Lee, Won Kee Yoon, Annik Prat, Nabil G. Seidah, Jungsoon Choi, Seung-Pyo Lee, **Sang-Ho Yoon**, Jin-Wu Nam, Je Kyung Seong, Goo Taeg Oh, Gwendalyn J. Randolph,[†] Maxim N. Artyomov,[†] Cheolho Cheong,[†] Jae-Hoon Choi[†], **Transcriptome Analysis Reveals Nonfoamy Rather Than Foamy Plaque Macrophages Are Proinflammatory in Atherosclerotic Murine Models, *Circulation research* (2018)** (*These authors contributed equally, [†]Corresponding authors)
- Bo-Hyun You, **Sang-Ho Yoon**, and Jin-Wu Nam, **High-Confidence Coding and Noncoding Transcriptome Maps, *Genome research* (2017)**