

SANG-HO YOON

Ph.D. Candidate

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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, 한양대학교)
- 2020.06 – Present 단일세포 전사체 데이터를 통한 범 종양 시그니처 프로그램 발굴
(윤상호, 한양대학교)
- 2018.01 – Present 멀티 오믹스 기반 전사체 플랫폼 개발 (김선, 서울대학교)
- 2017.09 – 2019.12 새로운 유세포 혈구분석 데이터 기반의 멀티레벨 질환진단모델
개발연구 (윤태현, 한양대학교)
- 2016.03 – 2017.11 생물정보학기술을 이용한 간질환 기전 규명 (남석우, 가톨릭대학교)

HONORS, AWARDS and SCHOLARSHIPS

- 2021.10 한국생명정보학회 스탠다임 최우수논문상

2018.12	Korean Society for Bioinformatics (BIOINFO2021) Award
2018.11	Center for Next Generation Cytometry (CNGC) Poster Prize International Joint Conference on Genetics & Medicine 2018 (IJCGM2018) ABL BIO Best Poster Award

PATENTS and PROGRAMS

2021.10	간 이식 수술 처방 간암 환자의 암 재발 예측 바이오 마커 (P20190036OP)
2017.10	간질환 통합 데이터베이스 (C-2017-024325)

PRESENTATIONS

Poster presentations

2019.08	The 15 th 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

2021.03	IBS-SNU Mini-symposia on RNA Biology & Therapeutics @Seoul National University
2019.06	Genomics Interest Group Symposium (GIGS) @KAIST

PUBLICATION

First author

- Eun-Gyeong Park*, Sung-Jin Pyo*, Youxi Cui*, **Sang-Ho Yoon***, Jin-Wu Nam, **Tumor immune microenvironment lncRNAs, *Briefings in Bioinformatics* (2021)** (*These authors contributed equally)
- **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

Curriculum Vitae

Last updated: 2021.11.11

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)**