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### RESEARCH INTEREST

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

### EDUCATION

2016.09 – 2022.08	<b>M.S./Ph.D. Integrated Program, Department of Life Science,</b> Hanyang University, Seoul, Rep. of Korea
2010.03 – 2016.02	<b>B.S., Department of Life Science,</b> Hanyang University, Seoul, Rep. of Korea

### RESEARCH PROJECTS

2020.07 – Present	암 면역 미세환경 조절 lncRNA 연구실 (남진우, 한양대학교)
2020.06 – 2022.05	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	생물정보학 기술을 이용한 간질환 기전 규명 (남석우, 가톨릭대학교)

### HONORS, AWARDS and SCHOLARSHIPS

2022.02	한양대학교 2021 년 연구실적 우수자상
2021.10	한국생명정보학회 스탠다임 최우수논문상 Korean Society for Bioinformatics (BIOINFO2021) Award
2018.12	Center for Next Generation Cytometry (CNGC) Poster Prize

2018.11 International Joint Conference on Genetics & Medicine 2018  
(IJCGM2018) ABL BIO Best Poster Award

## **PATENTS and PROGRAMS**

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

## **PRESENTATIONS**

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### **Poster presentations**

2019.08 The 15<sup>th</sup> 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**

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### **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<sup>#</sup>, Jin-Wu Nam<sup>#</sup>, **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<sup>#</sup>, Jiwon Shim<sup>#</sup>, **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)**