

Junha Cha

Postdoctoral Scholar, Oncology

Bio

STANFORD ADVISORS

- Hanlee Ji, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Secretory IgA dysfunction underlies poor prognosis in Fusobacterium-infected colorectal cancer.** *Gut microbes*
Choi, I., Kim, K. A., Kim, S. C., Park, D., Nam, K. T., Cha, J. H., Baek, S., Cha, J., Jo, H. Y., Jung, M., Zeng, M. Y., Matei, I., Bullman, et al
2025; 17 (1): 2528428
- **4-1BB+ Tregs and inhibitory progenitor exhausted T cells confer resistance to anti-PD-L1 and anti-CTLA-4 combination therapy.** *Cell reports. Medicine*
Cha, J., Kim, C. G., Sim, N. S., Kim, G., Son, W., Kim, D., Jung, Y., Hong, H. J., Lee, H. B., Kim, J., Kim, J., Yoon, S. O., Go, et al
2025: 102408
- **Comparative single-cell analysis of esophageal cancer subtypes reveals tumor microenvironment distinctions explaining varied immunotherapy responses** *CANCER COMMUNICATIONS*
Baek, S., Cha, J., Hong, M., Kim, G., Koh, Y., Kim, D., Son, W., Ock, C., Lee, S., Hemberg, M., Park, S., Kim, H., Lee, et al
2025
- **Single-cell network biology enabling cell-type-resolved disease genetics.** *Genomics & informatics*
Cha, J., Lee, I.
2025; 23 (1): 10
- **Augmenting the human interactome for disease prediction through gene networks inferred from human cell atlas.** *Animal cells and systems*
Sung, E., Cha, J., Baek, S., Lee, I.
2025; 29 (1): 11-20
- **HCNetlas: A reference database of human cell type-specific gene networks to aid disease genetic analyses.** *PLoS biology*
Yu, J., Cha, J., Koh, G., Lee, I.
2025; 23 (2): e3002702
- **Single-cell analysis reveals cellular and molecular factors counteracting HPV-positive oropharyngeal cancer immunotherapy outcomes.** *Journal for immunotherapy of cancer*
Cha, J., Kim, D. H., Kim, G., Cho, J. W., Sung, E., Baek, S., Hong, M. H., Kim, C. G., Sim, N. S., Hong, H. J., Lee, J. E., Hemberg, M., Park, et al
2024; 12 (6)
- **A Phase II Open-Label Randomized Clinical Trial of Preoperative Durvalumab or Durvalumab plus Tremelimumab in Resectable Head and Neck Squamous Cell Carcinoma.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Kim, C. G., Hong, M. H., Kim, D., Lee, B. H., Kim, H., Ock, C. Y., Kelly, G., Bang, Y. J., Kim, G., Lee, J. E., Kim, C., Kim, S. H., Hong, et al
2024; 30 (10): 2097-2110
- **Imputation of single-cell transcriptome data enables the reconstruction of networks predictive of breast cancer metastasis.** *Computational and structural biotechnology journal*
Cha, J., Lavi, M., Kim, J., Shomron, N., Lee, I.
2023; 21: 2296-2304

- **scHumanNet: a single-cell network analysis platform for the study of cell-type specificity of disease genes.** *Nucleic acids research*
Cha, J., Yu, J., Cho, J. W., Hemberg, M., Lee, I.
2023; 51 (2): e8
- **HumanNet v3: an improved database of human gene networks for disease research.** *Nucleic acids research*
Kim, C. Y., Baek, S., Cha, J., Yang, S., Kim, E., Marcotte, E. M., Hart, T., Lee, I.
2022; 50 (D1): D632-D639
- **Single-cell network biology for resolving cellular heterogeneity in human diseases.** *Experimental & molecular medicine*
Cha, J., Lee, I.
2020; 52 (11): 1798-1808