

# Jungsoo Lee

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## EDUCATION

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Sept. 2020 ~ Aug. 2022	<b>Korea University</b> Department of Biomedical Sciences Thesis: Genetic landscape analysis of endometrial stromal sarcomas Advisor: Prof. Jung-Min Choi <i>Master of Science in Biomedical Science</i> GPA: 4.25/4.5	Seoul, Korea
Mar. 2014 ~ Aug. 2020	<b>Korea University</b> Department of Health Science <i>Bachelor of Science in Biosystems and Biomedical Sciences</i> GPA 3.8/4.5	Seoul, Korea

## RESEARCH INTERESTS

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- **Human genomics**
  - ✓ Biomarker detection for disease diagnosis and progression
  - ✓ Development for computational genomic tools
  - ✓ Integrated visualization of genomic data

## RESEARCH EXPERIENCE

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- **Graduate Student** at *Department of Biomedical Sciences, Korea University* Nov. 2020 ~ Aug. 2022
  - ✓ Analysis of endometrial stromal sarcomas using WES, RNA-Seq, and WGS.
  - ✓ Discovery of biomarker for MSI-H pembrolizumab resistant tumors using WES.
  - ✓ Analysis of esophageal squamous-cell carcinoma using single-cell/nucleus and spatial transcriptomics
- **Research Intern** at *Department of Biomedical Sciences, Korea University* Dec. 2019 ~ Mar. 2020
  - ✓ Analysis of single cell RNA-seq using Seurat

## PUBLICATIONS

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Bellone, S., Roque, D. M., Siegel, E. R., Buza, N., Hui, P., Bonazzoli, E., Guglielmi, A., Zammataro, L., Nagarkatti, N., Zaidi, S., **Lee, J.**, Silasi, D. A., Huang, G. S., Andikyan, V., Damast, S., Clark, M., Azodi, M., Schwartz, P. E., Tymon-Rosario, J. R., Harold, J. A., ... Santin, A. D. (2022). A phase 2 evaluation of pembrolizumab for recurrent Lynch-like versus sporadic endometrial cancers with microsatellite instability. *Cancer*, 128(6), 1206–1218.

Bellone, S., Roque, D. M., Siegel, E. R., Buza, N., Hui, P., Bonazzoli, E., Guglielmi, A., Zammataro, L., Nagarkatti, N., Zaidi, S., **Lee, J.**, Silasi, D. A., Huang, G. S., Andikyan, V., Damast, S., Clark, M., Azodi, M., Schwartz, P. E., Tymon-Rosario, J., Harold, J., ... Santin, A. D. (2021). A phase II evaluation of pembrolizumab in recurrent microsatellite instability-high (MSI-H) endometrial cancer patients with Lynch-like versus MLH-1 methylated characteristics (NCT02899793). *Annals of oncology : official journal of the European Society for Medical Oncology*, 32(8), 1045–1046.

## PRESENTATIONS

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“Genetic Landscape Analysis of Endometrial Stromal Sarcomas,” Korea University College of Medicine, August 31, 2022.

## HONORS AND AWARDS

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Brain Korea 21 Scholarship (Medicine), Department of Biomedical Sciences, Korea University,	2022
Medical Science Research Scholarship, Department of Biomedical Sciences, Korea University,	2020 ~ 2022
The Welfare Section Scholarships, Department of Health Science, Korea University,	2015

## TECHNICAL SKILLS

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Programming languages and mathematical packages: Kotlin, Java, R, Python, MATLAB, Javascript  
Computing skills: Unix, AWS

## LANGUAGES

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Korean: Fluent  
English: Proficient (TOEFL: 91, MyBest scores: 97)