

• **Name:** Saeam Shin

• **Affiliation/Current Position:** Department of Laboratory Medicine, Severance Hospital, Yonsei University College of Medicine/Clinical Assistant Professor

• **Country:** Republic of Korea

• **ICKSH2022 Presentation Title:** Evaluating leukemic structural variations using optical genome mapping

• **Educational Background:**

M.D. Yonsei University College of Medicine (2008)

Ph.D. Yonsei University Graduate School (2017)

• **Professional Experiences:**

2008.3.-2009.2 Intern, Severance Hospital, Yonsei University College of Medicine, Seoul, Korea

2010.3-2014.2 Resident, Department of Laboratory Medicine, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Korea

2014.3-2016.2 Clinical Fellow, Department of Laboratory Medicine, Severance Hospital, Yonsei University College of Medicine, Seoul, Korea

2016.3-2017.2 Clinical Fellow, Department of Laboratory Medicine, Kangnam Sacred Heart Hospital, Hallym University College of Medicine, Seoul, Korea

2017.3-2019.2 Clinical Assistant Professor, Department of Laboratory Medicine, Kangnam Sacred Heart Hospital, Hallym University College of Medicine, Seoul, Korea

2019.3-current Clinical Assistant Professor, Department of Laboratory Medicine, Severance Hospital, Yonsei University College of Medicine, Seoul, Korea

• **Professional Organizations**

The Korean Society of Hematology

The Korean Society for Laboratory Hematology

The Korean Society of Genetic Diagnostics

• **Main Scientific Publications:**

1. Immunoglobulin Gene Clonality Analysis using Next-Generation Sequencing for Improved Minimal Residual Disease Detection with Significant Prognostic Value in Multiple Myeloma Patients. J Mol Diagn. 2021 Oct 14:S1525-1578(21)00324-X.
2. Exosome-based detection of EGFR T790M in plasma and pleural fluid of

prospectively enrolled non-small cell lung cancer patients after first-line tyrosine kinase inhibitor therapy. *Cancer Cell Int.* 2021 Jan 12;21(1):50.