

- **Full Name:** Young Seok Ju
 - **Current Position & Affiliation:** KAIST and Genome Insight
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- **Educational Background:**

- 2007 Seoul National University College of Medicine (MD)
- 2010 Seoul National University College of Medicine (PhD)

- **Professional Experience:**

- 2013-2015 Postdoctoral fellow, Wellcome Sanger Institute
- 2015-present Assistant & Associate Professor, KAIST (Korea Advanced Institute of Science and Technology)
- 2020-present Co-founder & CEO, Genome Insight Inc.

- **Professional Organizations:**

- **Main Scientific Publications:**

1. Nam CH*, Youk J*, Kim JY, Lim J, Park JW, ..., Kwon HW#, Kim MJ#, **Ju YS#**. Widespread somatic L1 retrotransposition in normal colorectal epithelium. **Nature**. 2023 May; 617(7961):540-547. PMID:37165195
2. Park S*, Mali NM*, Kim R*, Choi J-W, Lee J, ..., Oh JW#, **Ju YS#**. Clonal dynamics in early human embryogenesis inferred from somatic mutation. **Nature**. 2021 Sep;597(7876):393-397. PMID:34433967
3. Youk J*, Kim T*, Evans KV*, Jeong Y-I*, Hur Y*, Hong SP*, ..., Kim YT#, Koh GY#, Choi B-S#, **Ju YS#**, Lee JH#. Three-dimensional human alveolar stem cell culture models reveal infection response to SARS-CoV-2. **Cell Stem Cell**. 2020 Dec 3;27(6):905-919. PMID:33142113
4. Lee JJ-K, Park S, Park H, Kim S, Lee J, ... , **Ju YS#** & Kim YT#. Tracing oncogene rearrangements in the mutational history of lung adenocarcinoma. **Cell**. 2019 Jun 13;177(7):1842-1857. PMID:31155235.
5. Lee JK, Lee J, Kim S, Kim S, Youk J, ..., Kim TM# & **Ju YS#**. Clonal history and genetic predictors of transformation into small cell carcinomas from lung adenocarcinomas. **Journal of Clinical Oncology**. 2017 Sep 10;35(26):3065-3074. PMID:28498782