

KOREA-US Frontiers in Health and Life Sciences

2025. 11. 6^(Thu) - 7^(Fri)
Four Seasons Hotel, Grandballroom(3F)



Curriculum Vitae

Name	First Name	Young Seok	Last Name	Ju
Country	Korea			
Affiliation	Korea Advanced Institute of Science and Technology			



Educational Background

M.D., Seoul National University College of Medicine (2001-2007)
Ph.D., Dept. of Biochemistry, Seoul National University College of Medicine (2007-2010)

Professional Career

Postdoctoral fellow, Wellcome Sanger Institute (2013-2015)
Assistant/Associate/Full Professor, Korea Advanced Institute of Science and Technology (2015-Present)

Research Field

Genomics, Cancer, Somatic mosaicism, Bioinformatics

Papers, Books, etc. presented or published by your name

- 1) An J *et al.*, Mitochondrial DNA mosaicism in normal human somatic cells. *Nature Genetics* (2024).
- 2) Youk J *et al.*, Quantitative and qualitative mutational impact of ionizing radiation on normal cells. *Cell Genomics* (2024).
- 3) Nam C *et al.*, Widespread somatic L1 retrotranspositions in normal colorectal epithelium. *Nature* (2023).
- 4) Park S *et al.*, Clonal dynamics in early human embryogenesis inferred from somatic mutation. *Nature* (2021).
- 5) Youk J *et al.*, 3D human alveolar stem cell culture models reveal infection response to SARS-CoV-2. *Cell Stem Cell* (2020).