

CURRICULUM VITAE



Name: Young Seok Ju

Email: ysju@kaist.ac.kr

Phone: +82-42-350-4237

Fax: +82-42-350-4240

Position: Assistant Professor

Institution: KAIST

Location: Daejeon 34141

Education:

Seoul National University College of Medicine (M.D. 2007)

Seoul National University College of Medicine, Dept of Biochemistry (Ph.D. 2010)

Representative Careers:

Postdoctoral fellow, Cancer Genome Project, Wellcome Trust Sanger Institute (2013-2015)

Specialty & Present Interest:

Genomics, Somatic mutations

Representative papers (up to 5; recent papers):

Lee J, Lee AJ, Lee JK, Park J, Kwon Y, Park S, Chun H, **Ju YS#** & Hong D#. MUTALISK: a web-based somatic MUTation AnaLysis toolKit for genomic, transcriptional and epigenomic signatures. *Nucleic Acids Res.* 2018 May 22, *Epub ahead of print*. PMID:29790943.

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

Ju YS*, Martincorena I, Gerstung M, Petljak M, Alexandrov LB, ... & Stratton MR. Somatic mutations reveal asymmetric cellular dynamics in the early human embryo. *Nature*. 2017 Mar 30;543(7647):714-718. PMID:28329761

Lee JK, Louzada S, An Y, Kim SY, Kim S, Youk J, Park S, ... Kim TM# & **Ju YS#**. Complex chromosomal rearrangements by single catastrophic pathogenesis in NUT midline carcinoma. *Ann Oncol*. 2017 Feb 14. 28(4):890-897. PMID:28203693

Ju YS*, Tubio JM, Mifsud W, Fu B, Davies HR, ... & Stratton MR. Frequent somatic transfer of mitochondrial DNA into the nuclear genome of human cancer cells. *Genome Res.* 2015 Jun;25(6):814-24. PMID:25963125

