

- **Full Name:** Jungmin Choi
  - **Current Position & Affiliation:** Department of Biomedical Sciences  
Korea University College of Medicine, Seoul, South Korea
  - **Country:** Republic of Korea
- 

**• Educational Background:**

- 2012 Ph.D., Molecular Genetics, University of Maryland, College Park, MD, USA
- 2004 B.S., Chemistry, Yonsei University, Seoul, South Korea

**• Professional Experience:**

- 2018 – 2019 Research Associate, Laboratory of Human Genetics and Genomics, The Rockefeller University, New York, NY, USA
- 2013 – 2018 Postdoctoral Associate, Department of Genetics, Yale University School of Medicine, New Haven, CT, USA

**• Professional Organizations:**

- 2019 – Present Associate Professor

**• Main Scientific Publications:**

1. McNamara B, Harold J, Manavella D, Bellone S, Mutlu L, Hartwich TMP, Zipponi M, Yang-Hartwich Y, Demirkiran C, Verzosa MSZ, Yang K, **Choi J**, Dong W, Buza N, Hui P, Altwerger G, Huang GS, Andikyan V, Clark M, Ratner E, Azodi M, Schwartz PE, Burton EA, Inagaki H, Albers A, Zhang C, Bollag G, Schlessinger J, Santin AD. Uterine leiomyosarcomas harboring MAP2K4 gene amplification are sensitive in vivo to PLX8725, a novel MAP2K4 inhibitor. *Gynecol Oncol*. 2023 Mar 21;172:65-71. doi: 10.1016/j.ygyno.2023.03.009. Epub ahead of print. PMID: 36958197.
2. Feng X, Sun R, Lee M, Chen X, Guo S, Geng H, Müschen M, **Choi JS**, Pereira JP§. Cell circuits between leukemic cells and mesenchymal stem cells block lymphopoiesis by activating lymphotoxin beta receptor signaling. *Elife*. 2023 Mar 13;12:e83533. doi: 10.7554/eLife.83533. PMID: 36912771; PMCID: PMC10042536.
3. Lim VY, Feng X, Miao R, Zehentmeier S, Ewing-Crystal N, Lee M, Tumanov AV, Oh JE, Iwasaki A, Wang A, **Choi JS**, Pereira JP§. Mature B cells and mesenchymal stem cells control emergency myelopoiesis. *Life Sci Alliance*. 2023 Jan 30;6(4):e202301924. doi: 10.26508/lsa.202301924. PMID: 36717247; PMCID: PMC9889502.
4. Harold J, Bellone S, Manavella DD, Mutlu L, McNamara B, Hartwich TMP, Zipponi M, Yang-Hartwich Y, Demirkiran C, Verzosa MS, Choi J, Dong W, Buza N, Hui P, Altwerger G, Huang GS, Andikyan V, Clark M, Ratner E, Azodi M, Schwartz PE, Santin AD. Elimusertib (BAY1895344), a novel ATR inhibitor, demonstrates in vivo activity in ATRX mutated models of uterine leiomyosarcoma. *Gynecol Oncol*. 2023 Jan;168:157-165. doi: 10.1016/j.ygyno.2022.11.014. Epub 2022 Nov 25. PMID: 36442427; PMCID: PMC9797429.