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 - **Current Position & Affiliation:** Assistant Professor, University of Ulsan College of Medicine
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- **Educational Background:**

2008-2014 **Ph.D.** in Chemistry, Seoul National University
2004-2008 **B.S.** in Chemistry, Seoul National University

- **Professional Experience:**

2016- Assistant Professor, University of Ulsan College of Medicine
2016- Assistant Professor, Asan Medical Center
2014-2016 Samsung Advanced Institute of Technology

- **Professional Organizations:**

Member, Korean Association for Genome Editing
Member, Korean Society for Molecular and Cellular Biology
Member, Korean Society for Biochemistry and Molecular Biology

- **Main Scientific Publications:**

Kweon J. and **Kim Y*** et al. (2020) A CRISPR-based base-editing screen for the functional assessment of BRCA1 variants. **Oncogene** 39;30-35
Kweon J. and **Kim Y*** et al. (2017) Fusion guide RNAs for orthogonal gene manipulation with Cas9 and Cpf1. **Nature Communications** 8:1723
Kim Y et al. (2016) Generation of knockout mice by Cpf1-mediated gene targeting. **Nature Biotechnology** 34(8):808-810
Cho SW*, Kim S*, **Kim Y*** et al. (2014) Analysis of off-target effects of CRISPR/Cas-derived RNA-guided endonucleases and nickases. **Genome Research** 24:132-141.
Kim Y*, Kweon J* and Kim J-S (2013) TALENs and ZFNs are associated with different mutation signatures. **Nature Methods** 10(3):185
Kim Y*, Kweon J*, Kim A*, Chon J -K*, Yoo J -Y* et al. (2013) A library of TAL effector nucleases spanning the human genome. **Nature Biotechnology** 31(3):251-8.