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**• Educational Background:**

- Mar 2005 – Aug 2010: B.S., Soongsil University, Seoul, Korea, major in Media Technology
- Sep 2010 – Feb 2018: Ph.D., Seoul National University, Seoul, Korea, Interdisciplinary Program in Bioinformatics

**• Professional Experience:**

- Feb 2018 – Apr 2018: Postdoctoral researcher, Seoul National University
- May 2018 – Oct 2019: Research professor, Seoul National University Hospital
- Nov 2019 – Feb 2022: Medical professor, Seoul National University Hospital
- Mar 2022 – *current*: Clinical professor, Seoul National University Hospital

**• Professional Organizations:**

N/A

**• Main Scientific Publications:**

- 1 SIGMA Consortium, ..., **S Lee**, ..., S Zöllner. 'Sequence variants in SLC16A11 are a common riskfactor for type 2 diabetes in Mexico' *Nature*, 2013.
- 2 S Choi, **S Lee**, S Cichon, MM Nöthen, C Lange, T Park and S Won. 'FARVAT: a family-based rarevariant association test' *Bioinformatics*, 2014.
- 3 J Flannick, ..., **S Lee**, ..., S Zöllner. 'Loss-of-function mutations in SLC30A8 protect against type2 diabetes' *Nat Genet*, 2014.
- 4 **S Lee**, S Choi, YJ Kim, H Hwang and T Park. 'Pathway-based approach using hierarchicalcomponents of collapsed rare variants' *Bioinformatics*, Sep. 2016.
- 5 **S Lee**, Y Kim, S Choi, H Hwang and T Park, 'Pathway-based approach using hierarchicalcomponents of rare variants to analyze multiple phenotypes' *BMC Bioinformatics*, May 2018.
- 6 **YJ Song<sup>+</sup>, S Lee<sup>+</sup>**, K Park, RC Elston, HJ Yang and S Won. 'ONETOOL for the analysis of family-based big data' *Bioinformatics*, Aug. 2018. (equally contributed)
- 7 **S Nam<sup>+</sup>, S Lee<sup>+</sup>**, S Park, J Lee, A Park, YH Kim and T Park. 'PATHOME-Drug: a subpathway- based polypharmacology drug-repositioning method' *Bioinformatics*, Sep. 13, 2021. (equally
- 8 **S Oh<sup>+</sup>, S Lee<sup>+</sup>**, WY Hwang, DH Suh, MJ Jeon. 'Development and validation of a prediction modelfor bothersome stress urinary incontinence after prolapse surgery' *BJOG*, Dec. 1, 2021. (equally contributed)