



## Hyunje Kang

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### Bio

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#### HONORS AND AWARDS

- Basic Science Research Program Fellowship, National Research Foundation of Korea (2021-2022)

#### STANFORD ADVISORS

- Karlene Cimprich, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Macrophage transcription factor TonEBP promotes systemic lupus erythematosus and kidney injury via damage-induced signaling pathways.** *Kidney international*  
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- **PARP1-mediated PARylation of TonEBP prevents R-loop-associated DNA damage.** *DNA repair*  
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- **TonEBP recognizes R-loops and initiates m6A RNA methylation for R-loop resolution.** *Nucleic acids research*  
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- **Transcriptional Regulator TonEBP Mediates Oxidative Damages in Ischemic Kidney Injury.** *Cells*  
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- **TonEBP Regulates PCNA Polyubiquitination in Response to DNA Damage through Interaction with SHPRH and USP1.** *iScience*  
Kang, H. J., Park, H., Yoo, E. J., Lee, J. H., Choi, S. Y., Lee-Kwon, W., Lee, K. Y., Hur, J. H., Seo, J. K., Ra, J. S., Lee, E. A., Myung, K., Kwon, et al

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- **TonEBP/NFAT5 promotes obesity and insulin resistance by epigenetic suppression of white adipose tissue beiging.** *Nature communications*  
Lee, H. H., An, S. M., Ye, B. J., Lee, J. H., Yoo, E. J., Jeong, G. W., Kang, H. J., Alfadda, A. A., Lim, S. W., Park, J., Lee-Kwon, W., Kim, J. B., Choi, et al  
2019; 10 (1): 3536
- **TonEBP promotes chemoresistance and recurrence of hepatocellular carcinoma via DNA repair of cancer stem cells**  
Lee, J., Suh, J., Choi, S., Kang, H., Scharer, O. D., Park, N., Kwon, H.  
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- **TonEBP Suppresses the HO-1 Gene by Blocking Recruitment of Nrf2 to Its Promoter.** *Frontiers in immunology*  
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