

- **Name:** Daehee Hwang
- **Current Position & Affiliation:** Seoul National University
- **Country:** Republic of Korea

• **Educational Background:**

Year	Institution	Degree
90.3-96.8	POSTECH	B.S.
96.9-98.8	POSTECH	M.S.
99.9-03.3	MIT	Ph.D

• **Professional Experience:**

Year	Institution	Position
03.4-06.8	Institute for Systems Biology	Postdoc/Senior Scientist
06.9-13.9	POSTECH	Assistant/Associate Professor
13.10-19.2	DGIST	Professor
19.3-Present	Seoul National University	Professor

• **Professional Organizations:**

KOGO, KSBI, KSBMB, KSMCB

• **Main Scientific Publications:**

PUBLICATIONS

1. The symbols of *, #, and † indicate co-first or corresponding authors.
2. Y. Kim[†], S. Han^{2†}, M. Yeom, H. Kim, J. Lim, J. Cha, W. Kim, D.E. Somers, J. Putterill, H.G. Nam*, and D. Hwang*. Balanced Nucleocytoplasmic Partitioning Defines a Spatial Network for Coordination of Circadian Physiology in Plants. *Developmental Cell*, **26**, 1, 73-85 (2013).
3. S. You, S. Yoo, S. Choi, J. Kim, S. Park, J.D. Jic, T. Kim, K. Kim, C. Cho, D. Hwang*, W. Kim*. Identification of key regulators for the migration and invasion of rheumatoid synoviocytes through a systems approach. *PNAS* **111**, 1, 550-555 (2014).
4. K. Boo, J. Bhin, Y. Jeon, J. Kim, H.R. Shin, J. Park, K. Kim, C.Rok. Kim, H. Jang, I. Kim, V.N. Kim, D. Hwang*, H. Lee*, and S.H. Baek*. Pontin functions as an essential coactivator for Oct4-dependent lincRNA expression in mouse embryonic stem cells. *Nature Communications*, **6**, 6810, doi: 10.1038/ncomms7810 (2015).
5. S. Devkota#, H. Jeong#, Y. Kim, M. Ali, J. Roh, D. Hwang*, and H. Lee*. Functional characterization of EI24-induced autophagy in the degradation of RING domain E3 ligases. *Autophagy*, **12**, 11, 2038-2053 (2016).
6. D. Hwang and Wan-Uk Kim. Modelling cytokine signalling networks. *Nature Reviews Rheumatology*, **13**, 1, 5-6 (2017).
7. S. Lee*, J. Lee*, S. Chae*, Y. Moon*, H. Lee, B. Park, E.G. Yang, D. Hwang#, and H. Park#. Multi-dimensional histone methylations for coordinated regulation of gene expression under hypoxia. *Nucleic Acids Research*, **45**,20, 11643-11657(2017)

15th Annual Meeting of the Korean Society of Medical Oncology & 2022 International Conference

8. H.J. Kim#, J. Park#, J. Kim, J.J. Kim, S. Hong, J. Kim, J.H. Kim, H.R. Woo, C. Hyeon, P.O. Lim*, H.G. Nam* and D. Hwang*. Time-evolving genetic networks reveal a NAC troika that negatively regulates leaf senescence in Arabidopsis. *PNAS*, **115**, 21: E4930-E4939 (2018).
9. M.J. Kwon*, M.H. Han*, J.A. Bagley, D.Y. Hyeon, B.S. Ko, Y.M. Lee, I.J. Cha, S.Y. Kim, D.Y. Kim, H.M. Kim, D. Hwang#, S.B. Lee#, and Y.N. Jan#. Coiled coil structure-dependent interactions between polyQ proteins and Foxo lead to dendrite pathology and behavioral defects. *PNAS*, **115**, E10748-E10757 (2018).
10. D. Mun*, J. Bhin*, S. Kim*, H. Kim*, J.H. Jung*, Y. Jung, Y.E. Jang, J.M. Park, H. Kim, Y. Jung, H. Lee, J. Bae, S. Back, S. Kim, J. Kim, H. Park, H. Li, K. Hwang, Y.S. Park, J.H. Yook, B.S. Kim, S.Y. Kwon, S.W. Ryu, D.Y. Park, T.Y. Jeon, D.H. Kim, J. Lee, S. Han, K.S. Song, D. Park, J.W. Park, H. Rodriguez, J. Kim, H. Lee, K.P. Kim, E.G. Yang#, H.K. Kim#, E. Paek#, S. Lee#, S. Lee#, and D. Hwang#. Proteogenomic characterization of human early onset gastric cancer. *Cancer Cell*, **35**, 111-124 (2019).
11. J.-S. Kong*, J.-H. Park*, S.-A. Yoo, K.-M. Kim, Y.-J. Bae, Y.-J. Park, C.-S. Cho, D. Hwang#, and W.-U. Kim#. Dynamic Transcriptome Analysis Unveils the Key Pro-Resolving Factors of Chronic Inflammatory Arthritis. *Journal of Clinical Investigation* 130(8):3974-3986 (2020).
12. S.H. Lee#, D.Y. Hyeon#, S.-H. Yoon, J.-H. Jeong, S.-M. Han, J.-W. Jang, M.P. Nguyen, X.-Z. Chi, S. An, K-G. Hyun, H.-J. Jung, J.-J. Song, S.-C. Bae, W.-H. Kim, D. Hwang*, and Y.-M. Lee*. RUNX3 methylation drives hypoxia-induced cell proliferation and antiapoptosis in early tumorigenesis. *Cell Death and Differentiation* 28(4):1251-1269 (2020).