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Education

February 2007 to February 2014, integrated MS/Ph.D. program at Department of Biological Sciences, Korea Advanced Institute of Sciences and Technology (KAIST), Daejeon, Republic of Korea.

Awarded the degree of Ph.D. in Biology for a thesis entitled 'Thesis title: Mechanistic study of histone H3 lysine 79 methyltransferase Dot1 in *Saccharomyces cerevisiae*.' The work supervised by Dr. Daeyoup Lee.

Publications

1. Lee, J., Oh, S., Abmayr, S.M., and Workman, J.L. (2020). When histones are under glucose starvation. *Journal of Biosciences* 45, 17.
2. Oh, S., Suganuma, T., Gogol, M.M., and Workman, J.L. (2018). Histone H3 threonine 11 phosphorylation by Sch9 and CK2 regulates chronological lifespan by controlling the nutritional stress response. *Elife* 7.
3. Lee, S., Oh, S., Jeong, K., Jo, H., Choi, Y., Seo, H.D., Kim, M., Choe, J., Kwon, C.S., and Lee, D. (2018). Dot1 regulates nucleosome dynamics by its inherent histone chaperone activity in yeast. *Nature communications* 9, 1-14.
4. Lee, S., Oh, S., Yang, A., Kim, J., Söll, D., Lee, D., and Park, H.S. (2013). A facile strategy for selective incorporation of phosphoserine into histones. *Angewandte Chemie International Edition* 52, 5771-5775.
5. Shim, Y.S., Choi, Y., Kang, K., Cho, K., Oh, S., Lee, J., Grewal, S.I., and Lee, D. (2012). Hrp3 controls nucleosome positioning to suppress non-coding transcription in eu- and heterochromatin. *The EMBO journal* 31, 4375-4387.
6. Oh, S., Jeong, K., Kim, H., Kwon, C.S., and Lee, D. (2010). A lysine-rich region in Dot1p is crucial for direct interaction with H2B ubiquitylation and high level methylation of H3K79. *Biochemical and biophysical research communications* 399, 512-517.