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2001. 03 – 2005. 02. PhD, Neuroscience program, Ajou University, Suwon, Korea
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Selected Publications:

1. Jeong B, Kim JS, Kwon AR, Lee J, Park S, Koo J, Lee WS, Baek JY, Shin WH, Lee J-S, Jeong J, Kim WK, Jung CR, Kim NS, Cho SH, Lee DY. Maternal nanoplastic ingestion induces an increase in offspring body weight through altered lipid species and microbiota. *Environ Int* **2024**, *185*, 108522. (IF 11.8)
2. Nam E, Lin Y, Park J, Do H, Han J, Jeong B, Park S, Lee DY, Kim M, Han J, Baik MH, Lee YH, Lim MH. APP-C31: An Intracellular Promoter of Both Metal-Free and Metal-Bound Amyloid- β_{40} Aggregation and Toxicity in Alzheimer's Disease. *Adv Sci (Weinh)*. **2024 Jan**;11(4):e2307182. (IF 15.1)
3. Lim JH, Kang HM, Kim DH, Jeong B, Lee DY, Lee JR, Baek JY, Cho HS, Son MY, Kim DS, Kim NS, Jung CR. ARL6IP1 gene delivery reduces neuroinflammation and neurodegenerative pathology in hereditary spastic paraplegia model. *J Exp Med*. **2024 Jan 1**;221(1):e20230367. (IF 15.3)
4. Jeong B, Baek JY, Koo J, Park S, Ryu YK, Kim KS, Zhang S, Chung C, Dogan R, Choi HS, Um D, Kim TK, Lee WS, Jeong J, Shin WH, Lee JR, Nam-Soon Kim, and Lee DY. Maternal exposure to PSNP causes the dysregulation of brain functions in progeny. *J Hazard Mater*. **2022**. *426*:127815 (IF 13.6).
5. Koo J, Park S, Sung SE, Lee J, Kim DS, Lee J, Lee JR, Kim NS, Lee DY. Altered Gene Expression Profiles in Neural Stem Cells Derived from Duchenne Muscular Dystrophy Patients with Intellectual Disability. *Exp Neurobiol*. **2021**. *30*(4):263-74.