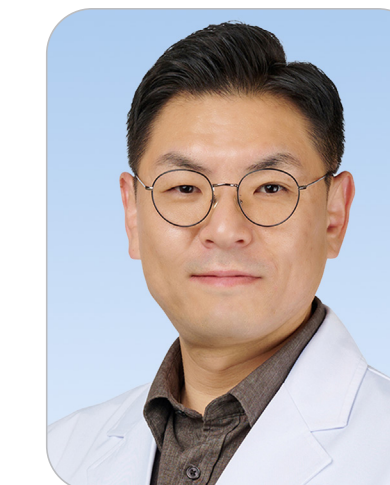


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Curriculum Vitae



● Educational Background & Professional Experience

2026.03–Present	Associate Professor, Department of Pharmacology, Ajou University School of Medicine,
2022.03–2026.02	Assistant Professor, Department of Pharmacology, Ajou University School of Medicine,
2019.09–2022.02	Staff Scientist – Principal Investigator, Head of Stem Cell and Organoid Research Group, Okinawa Institute of Science and Technology, Japan
2014.08–2019.08	Research Associate, Genome Institute of Singapore, Singapore
2011.02–2014.02	Ph.D. in Biomedical Science, CHA University
2009.03–2011.02	M.Sc. in Biomedical Science, CHA University
2022.02–2009.02	B.Sc. in Life Science, Hanyang University

● Research Interests

Development of human pluripotent stem cell-based models of neurodegenerative and musculoskeletal degenerative diseases, and establishing a therapeutic evaluation platform

● Publications

1. Tran HD[†], Shin MK[†], Yeo XY, Jung S, Junaid M, Lim SB, Kim J, Woo HG, Denman CR, Han RR, Kim M, Jeon D, Kim H, Kim YJ, Mun JY, Lee EJ, Park SM, Kuhn B, Arbuthnott GW, Jo J[#]. A human striatal–midbrain assembloid model of alpha–synuclein propagation. *Brain*, 2026.
2. Park S, Shin MK, Jeong DS, Yeo XY, Kim YJ, Junaid M, Kim M, Gu S, Lee JE, Park Y, Lin SB, Mun JY, Jung S, Lee DR[#], Jo J[#]. Human pluripotent stem cell–derived skeletal muscle organoid model of aging–induced sarcopenia. *Journal of Cachexia, Sarcopenia and Muscle*, 2025.
3. Jo J, Yang L, Tran HD, You WJ, Sun AX, Chang YY, Jung BC, Lee SJ, Saw TY, Xiao B, Khoo ATT, Yaw LP, Xie J, Lokman H, Ong WY, Lim GGY, Lim KL, Tan EK, Ng HH, Je HS. Lewy–body like inclusions in human midbrain organoid carrying glucocerebrosidase and alpha synuclein mutations. *Annals of Neurology*, 2021.
4. Jo J, Xiao Y, Sun AX, Cukuroglu E, Tran HD, Göke J, Tan ZY, Saw TY, Tan CP, Lokman H, Lee Y, Kim D, Ko HS, Kim SO, Park JH, Cho NJ, Hyde TM, Kleinman JE, Shin JH, Weinberger DR, Tan EK, Je HS, Ng HH. Midbrain–like organoids from human pluripotent stem cells contain functional dopaminergic and neuromelanin–producing neurons. *Cell Stem Cell*, 2016.
5. Jo J, Hwang S, Kim HJ, Hong S, Lee JE, Lee SG, Baek A, Han H, Lee JI, Lee I, Lee DR. An integrated systems biology approach identifies positive cofactor 4 as a factor that increases reprogramming efficiency. *Nucleic Acids Research*, 2016.