

Curriculum Vitae

(Last updated: 2019-02-20)

Myungjin Jo



A. Education/Training

Sep. 2013 - Aug. 2016, **M.S.** Department of Pharmacology, School of Medicine Kyungpook National University, Korea.

Thesis: Astrocytic Orosomucoid-2 Modulates Microglial Activation and Neuroinflammation.
(Supervisor: Dr. Kyoungcho Suk)

Mar. 2008 - Feb. 2012, **B.S.** Department of Biotechnology, Kyungpook National University, Korea.

B. Current Contact Information

Korea Brain Research Institute, Research Division, 61, Cheomdan-ro, Dong-gu, Daegu, Korea.

Email: jomj@kbri.re.kr

C. Research Experiences

Dec. 2018 – Present **Researcher** Korea Brain Research Institute, Research Division, Korea.

Apr. 2017 –Nov. 2018 **Post-Master Researcher** Korea Brain Research Institute, Research Division, Korea.

Sep. 2016 – Mar. 2017 **Researcher** Brain Science and Engineering Institute, Kyungpook National University, Korea.

D. Publications and Patents

I. Research Articles

1. Bok E[#], **Jo M[#]**, Lee S, Lee BR, Kim J*, Kim HJ*. Dietary Restriction and Neuroinflammation: A Potential Mechanistic Link. *Int J Mol Sci.* 2019 Jan 22;20(3). (IF: 3.687)

2. Jha MK[#], **Jo M[#]**, Kim JH, Suk K*. Microglia-Astrocyte Crosstalk: An Intimate Molecular Conversation. *Neuroscientist.* 2018 Jun 1;1073858418783959. doi: 10.1177/1073858418783959. [Epub ahead of print]. (IF:7.391)

3. **Jo M[#]**, Chung AY[#], Yachie N[#], Seo M, Jeon H, Nam Y, Seo Y, Kim E, Zhong Q, Vidal M, Park HC, Roth FP, and Suk K*. Yeast genetic interaction screen of human genes associated with amyotrophic lateral sclerosis: identification of MAP2K5 kinase as a potential drug target. *Genome Res.* 2017

Sep;27(9):1487-1500. (IF: 11.922)

4. **Jo M**, Kim JH, Song GJ, Seo M, Hwang EM, Suk K*. Astrocytic Orosomucoid-2 Modulates Microglial Activation and Neuroinflammation. *J Neurosci*. 2017 Mar 15;37(11):2878-2894. (IF: 5.988)

5. Song GJ[#], Nam Y[#], **Jo M**, Jung M, Koo JY, Cho W, Koh M, Park SB*, Suk K*. A novel small-molecule agonist of PPAR- γ potentiates an anti-inflammatory M2 glial phenotype. *Neuropharmacology*. 2016 Oct;109:159-69. (IF: 5.012)

6. Song GJ, Jeon H, Seo M, **Jo M**, Suk K*. Interaction between optineurin and Rab1a regulates autophagosome formation in neuroblastoma cells. *J Neurosci Res*. 2017 Aug 26. (IF: 2.481)

II. Patents

1. Suk K, **Jo M**, 2017, Composition for preventing or treating of neuroinflammatory disease comprising ORM2, Korea, Patent Registration 10-1738951, Date: 2017. 05. 17.

2. Suk K, Song GJ, Nam Y, **Jo M**, Jung M, Park SB, Koo JY, 2017, Composition for preventing or treating of neuroinflammatory disease containing N-carbamoylated urethane, Korea, Patent Registration 10-1733578, Date: 2017. 04. 28.

E. Research Interest

Neuroinflammation, Neuron-glial interaction, Glia-glia interaction