

Curriculum Vitae



EDUCATION BACKGROUND

WORKING EXPERIENCE

RESEARCH INTERESTS

PROJECT EXPERIENCE

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Selected Publication

1. Döhla, J., Kuuluvainen, E., Gebert, N., Amaral, A., Englund, J. I., Gopalakrishnan, S., Konovalova, S., Nieminen, A. I., Salminen, E. S., Torregrosa Munumer, R., Ahlqvist, K., **Yang, Y.**, Bui, H., Otonkoski, T., Käkelä, R., Hietakangas, V., Tynnismaa, H., Ori, A. & Katajisto, P. Metabolic determination of cell fate through selective inheritance of mitochondria, *Nature Cell Biology*. Feb 2022, 24, 2, p. 148-+ 27 p.
2. G Liu; C Jiang; X Lin; **Y Yang**
storm management and beyond: Significance and challenges. View, 20210003.
3. Long B; Siqi H; Wenchao X; Liang L; **Yang Y**; Robertus Wahyu N; Yimin F; Orlando R. Self-assembled networks of short and long chitin nanoparticles for oil/water interfacial super-stabilization, *ACS Sustainable Chem. Eng.* 2019, 7, 7, 6497-6511.
4. Konovalova S, Liu X, Manjunath P, Baral S, Neupane N, Hilander T, **Yang Y**, Balboa D, Terzioglu M, Euro L, Varjosalo M & Tynnismaa H. Redox regulation of GRPEL2 nucleotide exchange factor for mitochondrial HSP70 chaperone Oct 2018, In: *Redox biology*. 19, p. 37-45 9 p.
5. Cooper. H*, **Yang Y***, Ylikallio. E, Khairullin R, Woldegebriel R, Lin. K, Euro. L, Palin. E, Wolf. A, Trokovic R, Isohanni. P, Kaakkola. S, Auranen. M, Lonnqvist. T,

- Wanrooij. S, Tyynismaa. H. ATPase-deficient mitochondrial inner membrane protein ATAD3A disturbs mitochondrial dynamics in dominant hereditary spastic paraplegia. *Hum Mol Genet.* 2017 Jan 31. doi: 10.1093/hmg/ddx042. (Co-first author)
6. **Yang Y**, Hu Z, Du X, Davies H, Huo X, Fang M. miR-16 and Fluoxetine Both Reverse Autophagic and Apoptotic Change in Chronic Unpredictable Mild Stress Model Rats. *Front Neurosci.* 2017 Jul 25;11:428. doi: 10.3389/fnins.2017.00428. eCollection 2017.
7. **Yang Y**, Gao K, Hu Z, Li W, Davies H, Ling S, Rudd JA, Fang M. Autophagy upregulation and apoptosis downregulation in DAHP and triptolide treated cerebral ischemia. *Mediators Inflamm.* 2015; 2015:120198.
8. **Yang Y**, Marong Fang, Xiaoxue Du, Zhiying Hu. Lucky gene 5-HTTLPR and postpartum depression: A systematic review. *Neuroendocrinology Letters* Volume 38 No. 5 2017.
9. Li W, **Yang Y**, Hu Z, Ling S, Fang M. Neuroprotective effects of DAHP and Triptolide in focal cerebral ischemia via apoptosis inhibition and PI3K/Akt/mTOR pathway activation. *Front Neuroanat.* 2015 Apr 22; 9:48.
10. Hu Z, **Yang Y**, Gao K, Rudd JA, Fang M. Ovarian hormones ameliorate memory impairment, cholinergic deficit, neuronal apoptosis and astrogliosis in a rat model of Alzheimer's disease. *Exp Ther Med.* 2016 Jan; 11(1):89-97.
11. Du X, Huo X, **Yang Y**, Hu Z, Botchway BOA, Jiang Y, Fang M. miR-124 downregulates BACE 1 and alters autophagy in APP/PS1 transgenic mice. *Toxicol Lett.* 2017 Oct 5;280:195-205.
12. Bai S, Hu Z, **Yang Y**, Yin Y, Li W, Wu L, Fang M. Anti-Inflammatory and Neuroprotective Effects of Triptolide via the NF-MCAO Model. *Anat Rec (Hoboken).* 2016 Feb;299(2):256-66. doi: 10.1002/ar.23293.
13. Liu X, Zhang Y, **Yang Y**, Lin J, Huo X, Du X, Botchway BOA, Fang M. Therapeutic Effect of Curcumin and Methylprednisolone in the Rat Spinal Cord Injury. *Anat Rec (Hoboken).* 2018 Apr;301(4):686-696. doi: 10.1002/ar.23729. Epub 2017 Nov 28.
14. Qin Y, Hu W, **Yang Y**, Hu Z, Li W, Fang M. Neuroprotective Effect of DAHP via Antiapoptosis in Cerebral Ischemia. *Behav Neurol.* 2018 Jun 19;2018:5050469. doi: 10.1155/2018/5050469. eCollection 2018.
15. Hu Z, Du X, **Yang Y**, Botchway BOA, Fang M. Progesterone and fluoxetine treatments of postpartum depressive-like behavior in rat model. *Cell Biol Int.* 2019 May;43(5):539-552. doi: 10.1002/cbin.11123. Epub 2019 Mar 19.