Publications

2024

1. Chao, Y. M., Wu, H. Y., Yeh, S. H., Yang, D. I., Her, L. S. & Wu, Y. L. (2024).
Glucosamine Enhancement of Learning and Memory Functions by Promoting Fibroblast Growth Factor 21 Production.
International Journal of Molecular Sciences, **25**(8).
(Article, Peer-reviewed)

2. Huang, Z. N., Lee, S. Y., Chen, J. M., Huang, Z. T. & Her, L. S. (2024).
Oleuropein enhances proteasomal activity and reduces mutant huntingtin-induced cytotoxicity.
Frontiers in Pharmacology, **15**, 1459909.
(Article, Peer-reviewed)

2021

3. Huang, Z. N., Chen, J. M., Huang, L. C., Fang, Y. H. & Her, L. S. (2021).
Inhibition of p38 Mitogen–Activated Protein Kinase Ameliorates HAP40 Depletion–Induced Toxicity and Proteasomal Defect in Huntington's Disease Model.
Molecular Neurobiology, **58**(6), 2704–2723.
(Article, Peer-reviewed)

2017

4. Huang, Z. N., Chung, H. M., Fang, S. C. & Her, L. S. (2017).
Adhesion regulating molecule 1 mediates HAP40 overexpression-induced mitochondrial defects.
International Journal of Biological Sciences, **13**(11), 1420–1437.
(Article, Peer-reviewed)

5. Her, L. S., Mao, S. H., Chang, C. Y., Cheng, P. H., Chang, Y. F., Yang, H. I., Chen, C. M. & Yang, S. H. (2017).
miR-196a enhances neuronal morphology through suppressing RANBP10 to provide neuroprotection in Huntington's disease.
Theranostics, **7**(9), 2452–2462.
(Article, Peer-reviewed)

6. Huang, Z. N. & Her, L. S. (2017).
The Ubiquitin Receptor ADRM1 Modulates HAP40-Induced Proteasome Activity.

Molecular Neurobiology, **54**(9), 7382–7400.
(Article, Peer-reviewed)

2015

7. Her, L. S., Lin, J. Y., Fu, M. H., Chang, Y. F., Li, C. L., Tang, T. Y., Jhang, Y. L., Chang, C. Y., Shih, M. C., Cheng, P. H. & Yang, S. H. (2015).
The Differential Profiling of Ubiquitin-Proteasome and Autophagy Systems in Different Tissues before the Onset of Huntington's Disease Models.
Brain Pathology, **25**(4), 481–490.
(Article, Peer-reviewed)

2014

8. Chen, Y. F., Wang, S. H., Chang, S. J., Shiau, A. L., Her, L. S., Shieh, G. S., Chen, C. F., Chang, C. C., Su, Y. C., Wu, C. L. & Wu, T. S. (2014).
Zhankuic acid A as a novel JAK2 inhibitor for the treatment of concanavalin A-induced hepatitis.
Biochemical Pharmacology, **91**(2), 217–230.
(Article, Peer-reviewed)

2013

9. Cheng, P. H., Li, C. L., Her, L. S., Chang, Y. F., Chan, A. W. S., Chen, C. M. & Yang, S. H. (2013).
Significantly differential diffusion of neuropathological aggregates in the brain of transgenic mice carrying N-terminal mutant huntingtin fused with green fluorescent protein.
Brain Structure and Function, **218**(1), 283–294.
(Article, Peer-reviewed)

2012

10. Chan, T. J., Her, L. S., Liaw, H. J., Chen, M. C. & Tzeng, S. F. (2012).
Retinoic acid mediates the expression of glutamate transporter-1 in rat astrocytes through genomic RXR action and non-genomic protein kinase C signaling pathway.
Journal of Neurochemistry, **121**(4), 537–550.
(Article, Peer-reviewed)

2008

11. Her, L. S. & Goldstein, L. S. B. (2008).
Enhanced sensitivity of striatal neurons to axonal transport defects induced by mutant huntingtin.
Journal of Neuroscience, **28**(50), 13662–13672.
(Article, Peer-reviewed)

2003

12. Xia, C. H., Roberts, E. A., Her, L. S., Liu, X., Williams, D. S., Cleveland, D. W. & Goldstein, L. S. B. (2003).
Abnormal neurofilament transport caused by targeted disruption of neuronal kinesin heavy chain KIF5A.
Journal of Cell Biology, **161**(1), 55–66.
(Article, Peer-reviewed)

13. Gunawardena, S., Her, L. S., Brusch, R. G., Laymon, R. A., Niesman, I. R., Gordesky-Gold, B., Sintasath, L., Bonini, N. M. & Goldstein, L. S. B. (2003).
Disruption of axonal transport by loss of huntingtin or expression of pathogenic polyQ proteins in Drosophila.
Neuron, **40**(1), 25–40.
(Article, Peer-reviewed)

2001

14. Petersen, J. M., Her, L. S. & Dahlberg, J. E. (2001).
Multiple vesiculoviral matrix proteins inhibit both nuclear export and import.
Proceedings of the National Academy of Sciences of the United States of America (PNAS), **98**(15), 8590–8595.
(Article, Peer-reviewed)

2000

15. Petersen, J. M., Her, L. S., Varvel, V., Lund, E. & Dahlberg, J. E. (2000).
The matrix protein of vesicular stomatitis virus inhibits nucleocytoplasmic transport when it is in the nucleus and associated with nuclear pore complexes.

Molecular and Cellular Biology, **20**(22), 8590–8601.
(Article, Peer-reviewed)

1999

16. Chen, H. R., Tsao, T. Y., Chen, C. H., Tsai, W. Y., Her, L. S., Hsu, M. M. T. & Cheng, S. C. (1999).
Snt309p modulates interactions of Prp19p with its associated components to stabilize the Prp19p-associated complex essential for pre-mRNA splicing.
Proceedings of the National Academy of Sciences of the United States of America (PNAS), **96**(10), 5406–5411.
(Article, Peer-reviewed)

1997

17. Her, L. S., Lund, E. & Dahlberg, J. E. (1997).
Inhibition of Ran guanosine triphosphatase-dependent nuclear transport by the matrix protein of vesicular stomatitis virus.
Science, **276**(5320), 1845–1848.
(Article, Peer-reviewed)