

2024

1. **Histone Trimethylations and HDAC5 Regulate Spheroid Subpopulation and Differentiation Signaling of Human Adipose-Derived Stem Cells**

Chang, M.-M., Hong, Y.-K., Hsu, C.-K., Harn, H.I.-C., Huang, B.-M., Liu, Y.-H., Lu, F.-I., Hsueh, Y.-Y., Lin, S.-P. & Wu, C.-C., 2024 3 月 15, 於: *Stem Cells Translational Medicine*. 13, 3, p. 293-308.

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2. **Adipose-derived Stem Cells Modulate Neuroinflammation and Improve Functional Recovery in Chronic Constriction Injury of the Rat Sciatic Nerve**

Chen, S. H., Wu, C. C., Tseng, W. L., Lu, F. I., Liu, Y. H., Lin, S. P., Lin, S. C. & Hsueh, Y. Y., 2023, 於: *Frontiers in Neuroscience*. 17, 1172740.

3. **Structural Properties of CXCL4L1 and Its Recognition of the CXCR3 N-Terminus**

Liu, Y. H., Chuang, C. H., Lee, Y. Z., Lee, E. T., Lo, C. L., Wu, C. Y., Huang, L. K., Bikfalvi, A. & Sue, S. C., 2023 2 月 7, 於: *Biochemistry*. 62, 3, p. 722-734.

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4. **Autologous Platelet-Rich Growth Factor Reduces M1 Macrophages and Modulates Inflammatory Microenvironments to Promote Sciatic Nerve Regeneration**

Yadav, A., Ramasamy, T. S., Lin, S. C., Chen, S. H., Lu, J., Liu, Y. H., Lu, F. I., Hsueh, Y. Y., Lin, S. P. & Wu, C. C., 2022 8 月, 於: *Biomedicines*. 10, 8, 1991.

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5. **Endogenous Conjugation of Biomimetic Dinitrosyl Iron Complex with**

Protein Vehicles for Oral Delivery of Nitric Oxide to Brain and Activation of Hippocampal Neurogenesis

Wu, C. R., Huang, Y. D., Hong, Y. H., Liu, Y. H., Narwane, M., Chang, Y. H., Dinh, T. K., Hsieh, H. T., Hseuh, Y. J., Wu, P. C., Pao, C. W., Chan, T. S., Hsu, I. J., Chen, Y., Chen, H. C., Chin, T. Y. & Lu, T. T., 2021 7 月 26, 於: *JACS Au*. 1, 7, p. 998-1013.

6. **Investigation of Neuropathology after Nerve Release in Chronic Constriction Injury of Rat Sciatic Nerve**

Chen, S. H., Wu, C. C., Lin, S. C., Tseng, W. L., Huang, T. C., Yadav, A., Lu, F. I., Liu, Y. H., Lin, S. P. & Hsueh, Y. Y., 2021 5 月 1, 於: *International Journal of Molecular Sciences*. 22, 9, 4746.

7. **Sodium Phenylbutyrate Inhibits Schwann Cell Inflammation via HDAC and NF κ B to Promote Axonal Regeneration and Remyelination**

Yadav, A., Huang, T. C., Chen, S. H., Ramasamy, T. S., Hsueh, Y. Y., Lin, S. P., Lu, F. I., Liu, Y. H. & Wu, C. C., 2021 12 月, 於: *Journal of Neuroinflammation*. 18, 1, 238.

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8. **Expanding the Mesodermal Transcriptional Network by Genome-wide Identification of Zinc Finger Homeodomain 1 (Zfh1) Targets**

Wu, W. H., Kuo, T. H., Kao, C. W., Girardot, C., Hung, S. J., Liu, T., Furlong, E. E. M. & Liu, Y. H., 2019 7 月, 於: *FEBS Letters*. 593, 14, p. 1698-1710.

9. **Expressional Profiling of Carpet Glia in the Developing Drosophila Eye Reveals Its Molecular Signature of Morphology Regulators**

Ho, T.-Y., Wu, W.-H., Hung, S.-J., Liu, T., Lee, Y.-M. & Liu, Y.-H., 2019 3 月 29, 於: *Frontiers in Neuroscience*. 13.

10. **PlantPAN 3.0: A New and Updated Resource for Reconstructing Transcriptional Regulatory Networks from ChIP-seq Experiments in Plants**

Chow, C. N., Lee, T. Y., Hung, Y. C., Li, G. Z., Tseng, K. C., Liu, Y. H., Kuo, P. L., Zheng, H. Q. & Chang, W. C., 2019 1 月 8, 於: *Nucleic Acids Research*. 47, D1, p. D1155-D1163.

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11. **Glial Expression of Disease-associated Poly-glutamine Proteins Impairs the Blood–Brain Barrier in *Drosophila***

Yeh, P.-A., Liu, Y.-H., Chu, W.-C., Liu, J.-Y. & Sun, Y. H., 2018 7 月 15, 於: *Human Molecular Genetics*. 27, 14, p. 2546-2562.

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12. **Predicting Spatial and Temporal Gene Expression Using an Integrative Model of Transcription Factor Occupancy and Chromatin State**

Wilczynski, B., Liu, Y. H., Yeo, Z. X. & Furlong, E. E. M., 2012 12 月, 於: *PLoS Computational Biology*. 8, 12, e1002798.

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13. **Model-based Method for Transcription Factor Target Identification with Limited Data**

Honkela, A., Girardot, C., Gustafson, E. H., Liu, Y. H., Furlong, E. E. M., Lawrence, N. D. & Rattray, M., 2010 4 月 27, 於: *Proceedings of the National Academy of Sciences of the United States of America*. 107, 17, p. 7793-7798.

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14. **A Systematic Analysis of Tinman Function Reveals Eya and JAK-STAT Signaling as Essential Regulators of Muscle Development**

Liu, Y. H., Jakobsen, J. S., Valentin, G., Amarantos, I., Gilmour, D. T. & Furlong, E. E. M., 2009 2 月 17, 於: *Developmental Cell*. 16, 2, p. 280-291.

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15. **Genetic Variation of Zoysia as Revealed by Random Amplified Polymorphic DNA (RAPD) and Isozyme Pattern**

Weng, J. H., Fan, M. J., Lin, C. Y., Liu, Y. H. & Huang, S. Y., 2007, 於: *Plant Production Science*. 10, 1, p. 80-85.