

2024

1. **APLF Facilitates Interstrand DNA Crosslink Repair and Replication Fork Protection to Confer Cisplatin Resistance**

Wu, C. K., Shiu, J. L., Wu, C. L., Hung, C. F., Ho, Y. C., Chen, Y. T., Tung, S. Y., Yeh, C. F., Shen, C. H., Liaw, H. & Su, W. P., 2024 6 月 10, 於: *Nucleic Acids Research*. 52, 10, p. 5676-5697.

2023

2. **RAD51 Paralogs Synergize with RAD51 to Protect Reversed Forks from Cellular Nucleases**

Guh, C. L., Lei, K. H., Chen, Y. A., Jiang, Y. Z., Chang, H. Y., Liaw, H., Li, H. W., Yen, H. Y. & Chi, P., 2023 11 月 27, 於: *Nucleic Acids Research*. 51, 21, p. 11717-11731.

2022

3. **BMP2 Promotes Lung Adenocarcinoma Metastasis Through BMP Receptor 2-mediated SMAD1/5 Activation**

Wu, C. K., Wei, M. T., Wu, H. C., Wu, C. L., Wu, C. J., Liaw, H. & Su, W. P., 2022 12 月, 於: *Scientific Reports*. 12, 1, 16310.

4. **CHK2 Activation Contributes to the Development of Oxaliplatin Resistance in Colorectal Cancer**

Hsieh, C. C., Hsu, S. H., Lin, C. Y., Liaw, H. J., Li, T. W., Jiang, K. Y., Chiang, N. J., Chen, S. H., Lin, B. W., Chen, P. C., Chan, R. H., Lin, P. C., Yeh, Y. M. & Shen, C. H., 2022 11 月 1, 於: *British Journal of Cancer*. 127, 9, p. 1615-1628.

5. **PARP1 Recruits DNA Translocases to Restrain DNA Replication and Facilitate DNA Repair**

Ho, Y. C., Ku, C. S., Tsai, S. S., Shiu, J. L., Jiang, Y. Z., Miriam, H. E., Zhang, H. W., Chen, Y. T., Chiu, W. T., Chang, S. B., Shen, C. H., Myung, K., Chi, P. &

2020

6. **The HLTF–PARP1 Interaction in the Progression and Stability of Damaged Replication Forks Caused by Methyl Methanesulfonate**

Shiu, J. L., Wu, C. K., Chang, S. B., Sun, Y. J., Chen, Y. J., Lai, C. C., Chiu, W. T., Chang, W. T., Myung, K., Su, W. P. & Liaw, H., 2020 12 月, 於: *Oncogenesis*. 9, 12, 104.

2018

7. **YHMI: A Web Tool to Identify Histone Modifications and Histone/Chromatin Regulators from a Gene List in Yeast**

Wu, W. S., Tu, H. P., Chu, Y. H., Nordling, T. E. M., Tseng, Y. Y. & Liaw, H. J., 2018 1 月 1, 於: *Database*. 2018.

2017

8. **Chronic Treatment with Cisplatin Induces Chemoresistance Through the TIP60-mediated Fanconi Anemia and Homologous Recombination Repair Pathways**

Su, W. P., Ho, Y. C., Wu, C. K., Hsu, S. H., Shiu, J. L., Huang, J. C., Chang, S. B., Chiu, W. T., Hung, J. J., Liu, T. L., Wu, W. S., Wu, P. Y., Su, W. C., Chang, J. Y. & Liaw, H., 2017 12 月 1, 於: *Scientific Reports*. 7, 1, 3879.

9. **Nm23-H1-stabilized hnRNPA2/B1 Promotes Internal Ribosomal Entry Site (IRES)-mediated Translation of Sp1 in the Lung Cancer Progression**

Hung, C. Y., Wang, Y. C., Chuang, J. Y., Young, M. J., Liaw, H., Chang, W. C. & Hung, J. J., 2017 12 月 1, 於: *Scientific Reports*. 7, 1, 9166.

10. **SHPRH Regulates rRNA Transcription by Recognizing the Histone Code in an mTOR-dependent Manner**

Lee, D., An, J., Park, Y. U., Liaw, H., Woodgate, R., Park, J. H. & Myung, K.,

2017 4 月 25, 於: *Proceedings of the National Academy of Sciences of the United States of America*. 114, 17, p. E3424-E3433.

2016

11. **Combined Interactions of Plant Homeodomain and Chromodomain Regulate NuA4 Activity at DNA Double-strand Breaks**

Su, W. P., Hsu, S. H., Chia, L. C., Lin, J. Y., Chang, S. B., Jiang, Z. D., Lin, Y. J., Shih, M. Y., Chen, Y. C., Chang, M. S., Yang, W. B., Hung, J. J., Hung, P. C., Wu, W. S., Myung, K. & Liaw, H., 2016 1 月, 於: *Genetics*. 202, 1, p. 77-92.

12. **Variants of Ubiquitin-specific Peptidase 24 Play a Crucial Role in Lung Cancer Malignancy**

Wang, Y. C., Wang, S.-A., Chen, P. H., Hsu, T. I., Yang, W. B., Chuang, Y. P., Su, W. C., Liaw, H. J., Chang, W. C. & Hung, J. J., 2016 7 月 14, 於: *Oncogene*. 35, 28, p. 3669-3680.

2015

13. **Ecological Genomics in Xanthomonas: The Nature of Genetic Adaptation with Homologous Recombination and Host Shifts**

Huang, C. L., Pu, P. H., Huang, H. J., Sung, H. M., Liaw, H. J., Chen, Y. M., Chen, C. M., Huang, M. B., Osada, N., Gojobori, T., Pai, T. W., Chen, Y. T., Hwang, C. C. & Chiang, T. Y., 2015 3 月 15, 於: *BMC Genomics*. 16, 1, 188.

2014

14. **Chronic Treatment with Cisplatin Induces Replication-dependent Sister Chromatid Recombination to Confer Cisplatin-resistant Phenotype in Nasopharyngeal Carcinoma**

Su, W. P., Hsu, S. H., Wu, C. K., Chang, S. B., Lin, Y. J., Yang, W. B., Hung, J. J., Chiu, W. T., Tzeng, S. F., Tseng, Y. L., Chang, J. Y., Su, W. C. & Liaw, H., 2014, 於: *Oncotarget*. 5, 15, p. 6323-6337.

15. **Downregulation of BRCA1-BRCA2-containing Complex Subunit 3 Sensitizes Glioma Cells to Temozolomide**
Chai, K. M., Wang, C. Y., Liaw, H. J., Fang, K. M., Yang, C. S. & Tzeng, S. F., 2014, 於: *Oncotarget*. 5, 21, p. 10901-10915.
 16. **Sp1-mediated microRNA-182 Expression Regulates Lung Cancer Progression**
Yang, W. B., Chen, P. H., Hsu, T. I., Fu, T. F., Su, W. C., Liaw, H., Chang, W. C. & Hung, J. J., 2014, 於: *Oncotarget*. 5, 3, p. 740-753.
 17. **The Yeast Nucleosome Atlas (YNA) Database: An Integrative Gene Mining Platform for Studying Chromatin Structure and Its Regulation in Yeast**
Hung, P. C., Yang, T. H., Liaw, H. J. & Wu, W. S., 2014 12 月 8, 於: *BMC Genomics*. 15, S5.
-

2012

18. **Retinoic Acid Mediates the Expression of Glutamate Transporter-1 in Rat Astrocytes Through Genomic RXR Action and Non-genomic Protein Kinase C Signaling Pathway**
Chan, T. J., Her, L. S., Liaw, H. J., Chen, M. C. & Tzeng, S. F., 2012 5 月, 於: *Journal of Neurochemistry*. 121, 4, p. 537-550.
-

2011

19. **DNA-PK-dependent RPA2 Hyperphosphorylation Facilitates DNA Repair and Suppresses Sister Chromatid Exchange**
Liaw, H., Lee, D. & Myung, K., 2011, 於: *PLOS ONE*. 6, 6, e21424.
-

2010

20. **The Exon Junction Complex Component Magoh Controls Brain Size by Regulating Neural Stem Cell Division**

Silver, D. L., Watkins-Chow, D. E., Schreck, K. C., Pierfelice, T. J., Larson, D. M., Burnetti, A. J., Liaw, H. J., Myung, K., Walsh, C. A., Gaiano, N. & Pavan, W. J., 2010 5 月, 於: *Nature Neuroscience*. 13, 5, p. 551-558.

2008

21. **Mph1p Promotes Gross Chromosomal Rearrangement Through Partial Inhibition of Homologous Recombination**

Banerjee, S., Smith, S., Oum, J. H., Liaw, H. J., Hwang, J. Y., Sikdar, N., Motegi, A., Sang, E. L. & Myung, K., 2008 6 月 30, 於: *Journal of Cell Biology*. 181, 7, p. 1083-1093.

22. **Polyubiquitination of Proliferating Cell Nuclear Antigen by HLTF and SHPRH Prevents Genomic Instability from Stalled Replication Forks**

Motegi, A., Liaw, H. J., Lee, K. Y., Roest, H. P., Maas, A., Wu, X., Moinova, H., Markowitz, S. D., Ding, H., Hoeijmakers, J. H. J. & Myung, K., 2008 8 月 26, 於: *Proceedings of the National Academy of Sciences of the United States of America*. 105, 34, p. 12411-12416.

2007

23. **Genomic Organization of the Chicken CD8 Locus Reveals a Novel Family of Immunoreceptor Genes**

Liaw, H. J., Chen, W. R., Huang, Y. C., Tsai, C. W., Chang, K. C. & Kuo, C. L., 2007 3 月 1, 於: *Journal of Immunology*. 178, 5, p. 3023-3030.

2006

24. **Sir3 C-terminal Domain Involvement in the Initiation and Spreading of Heterochromatin**

Liaw, H. & Lustig, A. J., 2006 10 月, 於: *Molecular and Cellular Biology*. 26, 20, p. 7616-7631.

2003

25. **Multiple Roles for *Saccharomyces cerevisiae* Histone H2A in Telomere Position Effect, Spt Phenotypes and Double-strand-break Repair**

Wyatt, H. R., Liaw, H., Green, G. R. & Lustig, A. J., 2003 5 月 1, 於: *Genetics*.
164, 1, p. 47-64.