Conference papers/abstracts

2. Wang, W.-H., Hsu, C.-L., Huang, H.-C.* and Juan, H.-F.* "Phosphoproteomics reveals cyclic stretch induces microtubule rearrangement, changes cell alignment and disrupts mitochondrial dynamics in lung cells" 2018 The Taiwan Society for Biochemistry and Molecular Autumn Camp, Chitou, Taiwan, Nov. 9-11, 2018.


8. Tang, C.-W., Chang, Y.-W., Hsu, C.-L., Ye, S.-P., Huang, H.-C.* and Juan, H.-F.* "Targeting the E2F1/GAS5/p53 axis as a potential therapeutic strategy for drug-resistant lung cancer" 33th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 24-25, 2018. (Best Poster Award)

9. Cheung, H. Y. C., Hsu, C.-L., Tsuei, C.-Y., Kuo, T.-T., Huang, C.-T., Huang, H.-C.* and Juan, H.-F.* "MYCN mediates metabolic enzymes MTHFD2 and PAICS during neuroblastoma cell progression" 33th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 24-25, 2018. (Poster Award)


11. Kao, Y.-C., Chang, Y.-W., Lai, C. P., Huang, H.-C.* and Juan, H.-F.* "Ectopic ATP synthase on extracellular vesicles" 33th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 24-25, 2018. (Poster Award)


25. Lin, M.-C., Juan, H.-F., Lou P.-J., and Huang, M.-C.* "C1GALT1 promotes EGFR activity and is a potential therapeutic target for head and neck squamous
cell carcinoma" AMP Global Congress on Molecular Pathology, April 3-5, 2017 in Berlin, Germany (Global Young Investigation Poster Award)


27. Huang, T.-Y., Chen, M.-C., Hung, Y.-H., Huang, H.-C.* and Juan, H.-F.* "The role of microtubules in the trafficking of ectopic ATP synthase" 32th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 25-26, 2017. (Poster Award)


32. Cheung, H. Y. C., Hsu, C.-L., Chen, K.-P., Chong, S.-T., Huang, H.-C., Juan, H.-F.* "DNA replication licensing factor MCM2 promotes lung cancer cell proliferation through regulation of HMGA1 phosphorylation" The 75th Annual Meeting of the Japanese Cancer Association, Yokohama, Japan, October 6-8, 2016. (Travel Grant Award)

33. Hsu, C.-L., Chen, Y.-P., Huang, H.-C., Juan, H.-F.* "Computational methods for identification of IncRNAs interacting with MYCN in neuroblastoma" The 75th Annual Meeting of the Japanese Cancer Association, Yokohama, Japan, October
6-8, 2016. (Travel Grant Award)


46. Hsu, C.-L., Chang, H.-Y., Chang, J.-Y., Huang, H.-C.*, and Juan, H.-F.* "Unveiling MYCN regulatory network in neuroblastoma by integrative analysis of heterogeneous genomics data" 2015 Asia-Pacific Symposium of Neuroblastoma, Taipei, Taiwan, November 14, 2015. (Best Poster Award)

47. Sahu, D., Hsu, C.-L., Juan, H.-F., and Huang, H.-C.* "lncRNA co-expression network in neuroblastoma" 2015 Asia-Pacific Symposium of Neuroblastoma, Taipei, Taiwan, November 14, 2015. (Best Poster Award)


49. Yin, C.-F., Kao, S.-C., Lin, L.-L., Huang, H.-C.*, and Juan, H.-F.* "Phosphoproteome dynamics unveil key response signaling in Tanshinone IIA-


51. Sahu, D., Hsu, C.-L., Juan, H.-F., and Huang, H.-C." (2015) "lncRNAs co-expression network in neuroblastoma" The 3rd The Emerging Information and Technology Association (EITA)-Bio Conference (the EITA-Bio 2015), Taipei, Taiwan, October 24-25. (Best Poster Award)


54. Huang, C.-T., Oyang, Y.-J., Huang, H.-C.* and Juan, H.-F.* "MicroRNA-mediated networks underlie immune response regulation in papillary thyroid carcinoma" The 74th Annual Meeting of the Japanese Cancer Association, Nagoya, Japan, October 8-11, 2015. (Travel Grant Award)


57. Kuo, T.-T., Tsuei, C.-Y., Huang, C.-T., Hsu, C.-L., Chang, H.-Y., Huang, H.-C."
and Juan, H.-F.* "The role of MTHFD2 in neuroblastoma progression" 30th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 21-22, 2015. (Poster Award)


60. Liao, S.-Y., Lin, C.-H., Hu, C.-W., Chiang, C.-W., Juan, H.-F., Wang, Y.-C.* "GSK3 beta/CK1 delta/FBW7 signaling promotes ZNF322A oncoprotein degradation in lung cancer" 30th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 21-22, 2015. (Oral Presentation 1st Prize Award)


64. Liao, S.-Y., Hu, C.-W., Chiang, C.-W., Juan, H.-F., Wang, Y.-C.* "GSK3β/CK1δ/FBW7 signaling promotes ZNF322A oncoprotein degradation in lung cancer" The Twenty-second Symposium on Recent Advances in Cellular and
Molecular Biology, Kenting, Taiwan, Feb. 4-6, 2015.


70. Chen, K.-P., Hsu, C.-L., Oyang, Y.-J., Huang, H.-C.* and Juan, H.-F.* "Exploring the relations between spinal muscular atrophy and amyotrophic lateral sclerosis by comparing condition-specific protein interaction networks" *TPS2014 Translational and Systems Biology Symposium*, Taipei, Taiwan, November 11-12, 2014.


Biology Symposium, Taipei, Taiwan, November 11-12, 2014.


78. Chen, C.-Y., Ho, A., Huang, H.-Y., Juan, H.-F*; and Huang, H.-C.* (2014) "Dissecting human protein-protein interaction network via phylogenetic decomposition" 15th International Conference on Systems Biology (ICSB2014), Melbourne, Australia, September 14–18. (Travel Award, Student bursary)


83. Huang, C.-J., Yang, G.-C., Lin, C.-C., Juan, H.-F., and Huang, H.-C.* (2013) "Identification of MicroRNA and transcription factor co-regulatory modules in primary breast cancer" 11th Symposium on Bioinformatics and Systems Biology in Taiwan (BIT2013), Taipei, Taiwan, October 18-21, 2013. (Honorable Mention)


86. Hsu, C.-L., Chang, H.-Y., Chang, J.-Y., Huang, H.-C., and Juan, H.-F.* (2013) "Identification of miRNA-mediated feed-forward loops involving mycn as master regulator in neurlblastoma" The 7th Asia Young Researchers Conference on Computational and Omics Biology (AYRCOB 2013), Tokyo, Japan, September 9-10. (Travel Award)

87. Chen, C.-Y., Ho, A., Huang, H.-Y., Juan, H.-F., and Huang, H.-C.* (2013) "Dissecting human protein-protein interaction network via phylogenetic decomposition" (Abstract#165) 14th International Conference on Systems Biology (ICSB2013), Copenhagen, Denmark, August 30-September 3.


91. Hsia, C.-R., Lin, L.-L. Huang, H.-C., Juan, H.-F.* (2013) "explore the molecular mechanism of Tanshinone IIA in gastric cancer cells by quantitative proteomic analysis" (Abstract #27) 2013 Taiwan Proteomics Society International Conference: Recent Advances in Translational Medicine, Taipei, Taiwan, May 24-25. (3rd prize)


94. Hsu, K.-H., Chen, S.-K., Tseng, C.-W., Huang, H.-C., Juan, H.-F.*, (2013) "RNA-seq profiling reveals the role of miR-148a in gastric cancer AGS cells" (Abstract#P469) 28th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 23-24. (Excellent Poster Award)

95. Hsia, C.-R., Lin, L.-L. Huang, H.-C., Juan, H.-F.* (2013) "Quantitative proteomic analysis reveals the mechanism of a potential anticancer drug Tanshinone IIA on
the growth inhibition of gastric cancer cells" (Abstract#P461) 28th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 23-24.


115. Chuang, K.-N., Tseng, C.-W., Lin, C.-C., Chen, C.-N., Huang, H.-C., **Juan, H.-F.** (2011) "Elucidating the role of 14-3-3B in gastric cancer cells using proteomics and network analysis" (Abstract#P205) 26th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 19-20. (Poster Award)


118. Wu, C.-C., Chen, H.-J., Hsieh, H.-L., Huang, H.-C., **Juan, H.-F.** (2011) "The Role of brassinosteroid-regulated miR395a in *Arabidopsis thaliana*" (Abstract#P208) 26th Joint Annual Conference of Biomedical Sciences, Taipei,


and carbon fixation" (Abstract#P8) *The Taiwan Society for Biochemistry and Molecular Biology: Beigang Autumn Camp*, Nantou, Taiwan, November 11-13.


142. Chang, H.-Y., Huang, T.-C., Wei, Y.-C., Huang, H.-C., Wang, Y.-C., **Juan, H.-F.* "ATP synthase, a new target for non-small cell lung cancer (NSCLC) therapy" (Abstract#C07) 2009 TPS International Proteomics Conference and 5th AOHUPO
143. Lin, L.-L., Chou, Y.-T., Huang, H.-C., Chen, C.-N., **Juan, H.-F.** "Gene network of *Helicobacter pylori*-infected host cell: annexin A4-involved signaling and regulation in gastric cancer" (Abstract#C06) 2009 TPS International Proteomics Conference and 5th AOHUPO MPI Workshop, Taipei, Taiwan, June 19-20. (Poster Award)


147. Hu, C.-W., Huang, H.-C., Liao, J. C., **Juan, H.-F.** (2009) "Regulation of carbon dioxide assimilation in *R. palustris* through CBB genes and GroEL overexpression" (Abstract#O6) 24th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 21-22. (Oral Presentation)


149. Chen, C.-Y., **Juan, H.-F.**, Huang, H.-C. "Co-regulation of microRNAs in transcriptional regulatory network" (Abstract#O31) 24th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 21-22. (Oral Presentation)

150. Chang, Y.-Y., Lee, T.-Y., Huang, H.-C., Shih, A. C.-C., Li, W.-H., **Juan, H.-F.** (2009) "Overexpression of novel microRNA P-27-5p enhances g0/g1 arrest in breast cancer cells" (Abstract#O44) 24th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 21-22. (Oral Presentation)


156. Lin, C.-C., **Juan, H.-F.**, Huang, H.-C. (2008) "Comparative analysis of co-expressed protein interaction networks reveals heart failure related modules" The 2nd Taiwan-Japan Young Researchers Conference on Computational and Systems Biology, Tokyo, Japan, Nov. 4-6. (Travel Award, Oral presentation)


158. Chang, H.-Y., Huang, H.-C., Huang, T.-C., H. Mori, **Juan, H.-F.** (2008) "Development of 1-butanol tolerant microorganism for biofuel production" The Fourth International Meeting on Synthetic Biology (SB4.0), Hong Kong, China, October 10-12. (Travel Award, Oral presentation)


aurovertin B" *Future Knowledge of Biomedical Science 2008 Conference and the seventh meeting of the Straits of Biomedical Strait, Jun. 27-28* (Academic Foundation Professor Lin Rongyao Education Foundation *Poster Award*)


Taipei, Taiwan, March 29-30. (Oral Presentation)


monocytic leukemia cell line" (Abstract#P99) The Taiwan Society Biochemistry and Molecular Biology Fall Camp, Hsinchu, Taiwan, October 19-20. (Poster Award)


179. Chiu, Y.-W., Juan, H.-F., Huang, H.-C. (2007) "Prediction of functional associated proteins using topological similarity in protein-protein interaction network" (Abstract#H14) The 8th International Conference on Systems Biology, Long Beach, USA, October 1-6. (Travel Award)


182. Hwang, Y.-C, Juan, H.-F., Huang, H.-C.* (2007) "Predicting essential genes based on network and sequence analysis" (Abstract#P22) 2007 Symposium of Bioinformatics and Systems Biology in Taiwan, Chiayi, Taiwan, September 4-5.

183. Chen, H.-W., Ni, K.-C., Huang, H.-C., Juan, H.-F.* (2007) "MiLink – a web tool to analyze the association between gene expression profiles with microRNAs" (Abstract#P23) 2007 Symposium of Bioinformatics and Systems Biology in...
Taiwan, Chiayi, Taiwan, September 4-5.


195. Y.-C. Fang, H.-C. Huang and Juan, H.-F. * (2006) "Text extraction and mining of DNA methylation information" (p78-80, Oral presentation) The sixth annual Emerging Information Technology Conference (EITC-06), Dallas, USA, Aug 10-12.


Feb 13-16. (Abstract#P028, 2nd Poster Award)

"Elucidating the essentiality of essential genes in E. coli K-12" 4th Asia-Pacific Bioinformatics Conference (APBC2006), Taiwan, Feb 13-16. (Abstract#P027, 1st Poster Award)

201. Hwang, Y.-C., Lin, C.-C., Juan, H.-F., Mori, H., Huang, H.-C. (2006)
"Topological characteristics of protein interaction network and roles of essential genes in E. coli K-12" 4th Asia-Pacific Bioinformatics Conference (APBC2006), Taiwan, Feb 13-16. (Abstract#P026)


207. Chang, S.-C., Huang, H.-C., Chen, S.-T., and Juan, H.-F.* (2005) "A subcellular proteomics analysis of human myeloid leukemia cells differentiation to macrophages using microwave technology combined with mass spectrometry"
208. Huang, T.-C., Huang, H.-C. Chen, S.-T., and Juan, H.-F.* (2005) "Cyclic RDG-induced cell death in human breast carcinoma (MCF-7) cells: the influence of caspase pathway" (Abstract#O87) 20th Joint Annual Conference of Biomedical Sciences, Taipei, Taiwan, March 26-27. (Oral Presentation)


