Curriculum Vitae

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Education:

2007 - 2010	Ph.D. in Biochemical Engineering, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian, CHINA
2003 - 2006	M.S. in Toxicology, Harbin University of Commerce, Harbin, CHINA
1997 - 2001	B.S in Polymer Materials and Engineering, Harbin Institute of Technology, Harbin, CHINA

Professional Experience:

2016- present	Assistant Project Scientist, Department of Medical Pathology & Laboratory Medicine, University of California, Davis Health Systems, Sacramento, CA, USA
2012 - 2016	Postdoctoral Fellow, Department of Medical Pathology & Laboratory Medicine, UCDMC, Sacramento, CA, USA
2010 - 2012	Postdoctoral Fellow, Department of Pharmacology, Toxicology & Therapeutics, KUMC, Kansas City, KS, USA

Honors and Awards

2015	Young Investigator Travel Award, the American Association for the Study of Liver Diseases Foundation (AASLDF), San Francisco, USA
2015	Presidential Poster of Distinction Award, the American Association for the Study of Liver Diseases Foundation (AASLDF), San Francisco, USA
2011	Best Poster Abstract, awarded by KU Liver Symposium, Kansas City, USA
2010	MDO Chinese Young Scientist Travel Award, The 18th Microsomes and Drug Oxidation (MDO) Meeting, Beijing, CHINA
2009	Outstanding Student, awarded by Chinese Academy of Sciences
2008	Scholarship for Young Investigator, awarded by 2nd Asian Pacific ISSX meeting
2006	Award for Outstanding Thesis, Harbin University of Commerce, Harbin, CHINA
2003-2005	Scholarship, Harbin University of Commerce, Harbin, CHINA
2001	Award for Outstanding Graduate, Harbin Institute of Technology, Harbin, CHINA
1999 - 2001	Scholarship, Harbin Institute of Technology, Harbin, CHINA

Professional Activities

Editor for the following journals:

Editorial of ***Froniters*** for special issue "Gut microbiota and liver regeneration"
https://www.bioscience.org/special-issues-and-managing-editors
Editorial Board Member of ***Genetis Disorders & Gene Therapy: Open Access***
http://aperito.org/journal/ebm_display/5
Editorial Board Member of ***Hepatoma Research***
http://www.hrjournal.net/editorialboard.asp

Reviewed manuscripts for the following journals:

Experimental Biology and Medicine
Hepatoma Research
Journal of Parasitology and Vector Biology
Evidence-Based Complementary and Alternative Medicine

Professional Associations and Scholarly Societies (current only):

The American Association for the Study of Liver Diseases (AASLD)

Lectures and Presentations:

1. "***Shifting of Gut Microbiota during the Course of Liver Regeneration***", the 66th annual meeting of the American Association for the Study of Liver Diseases. San Francisco, USA. November 2015.
2. "***MiR-22-silenced cyclin A expression in colon and liver cancer cells is regulated by bile acid receptor***", the 2nd International Conference on Hepatology. Chicago, USA. May 2016.

Peer-reviewed Publications:

1. Yubin Ji, **Hui-Xin Liu**, Lei Yu, Xufeng Jia, Fanfei Zhang. Polymorphisms of toxic metabolizing enzymes and cancer susceptibility. ***Chinese Journal of Clinical Practical Medicine***. 2004, 5:42-45.
2. Yubin Ji, Xufeng Jia, Fanfei Zhang, **Hui-Xin Liu**, Lei Yu. Metabolism in mouse testis and epididymis of toluene diisocyanate. ***Journal of Harbin University of Commerce***. 2005, 21:677-681.
3. Yubin Ji, **Hui-Xin Liu**, Liang Lang, Xufeng Jia, Fanfei Zhang. The binding of toluene diisocyanate to plasma proteins. ***Chinese Journal of Clinical Practical Medicine***. 2005, 6:3-5.
4. Yubin Ji, Chenfeng Ji, Xiang Zou, **Hui-Xin Liu**. Determination and analysis of toluene diisocyanate metabolites in mice using gas chromatography-mass spectrometry. ***Spectroscopy and Spectral Analysis***. 2007, 27:1886-1889. **(IF: 0.28)**
5. Lang Lang, **Hui-Xin Liu**. Study on metabolism and metabolite of toluene diisocyanate in mice serum. ***Journal of Harbin University of Commerce***. 2007,23:138-141.
6. Wei Li, Yong Liu, Yuqi He, Jiangwei Zhang, Yang Gao, Guangbo Ge, **Hui-Xin Liu**, Hong Huo, Ling Yang. Characterization of triptolide hydroxylation by cytochrome P450 in human and rat liver microsomes. ***Xenobiotica***, 2008, 38:1551-1565. **(IF: 2.20)**
7. **Hui-Xin Liu**, Yuqi He, Ying Hu, Yong Liu, Jiangwei Zhang, Wei Li, Zhengtao Wang, Ling Yang. Determination of UDP-glucuronosyltransferase UGT2B7 activity in human liver microsomes by ultra-performance liquid chromatography with MS detection. ***Journal of Chromatography B***. 2008, 870:84-90. **(IF: 2.73)**
8. **Hui-Xin Liu**, Yong Liu, Jiangwei Zhang, Wei Li, Hongtao Liu, Ling Yang. UDP-glucuronosyltransferase 1A6 is the major isozyme responsible for protocatechuic aldehyde glucuronidation in human liver microsomes. ***Drug Metabolism and Disposition,*** 2008, 36:1562-1569. **(IF: 3.25)**
9. Jiangwei Zhang, Yong Liu, Jiuyang Zhao, Liming Wang, Guangbo Ge, Yang Gao, Wei Li, Hongtao Liu, **Hui-Xin Liu**, Yanyan Zhang, Jie Sun, Ling Yang. Metabolic profiling and cytochrome P450 reaction phenotyping of medroxyprogesterone acetate. ***Drug Metabolism and Disposition***, 2008, 36:2292-2298. **(IF: 3.25)**

10. **Hui-Xin Liu**, Ying Hu, Yong Liu, Yu-Qi He, Wei Li, Ling Yang. CYP1A2 is the major isoform responsible for paeonol O-demethylation in human liver microsomes, ***Xenobiotica***, 2009, 39:672-679. **(IF: 2.20)**
11. Ying Hu, Hong-Wei Luan, Guang-Bo Ge, **Hui-Xin Liu**, Yan-Yan Zhang, Kun Zhou, Yong Liu, Ling Yang. Deoxynojirimycin enhanced the transglycosylation activity of a glycosidase from the China white jade snail. ***Journal of Biotechnology***, 2009, 139:229-235. **(IF: 2.67)**
12. **Hui-Xin Liu**, Ying Hu, Yong Liu, Yuqi He, Wei Li, Ling Yang. Hydroxylation of tanshinone IIa in human liver microsomes is specifically catalysed by cytochrome P4502A6. ***Xenobiotica***, 2009, 39(5):382-90. **(IF: 2.20)**
13. Ying Hu, Hongwei Luan, **Hui-Xin Liu**, Guang-Bo Ge, Kun Zhou, Yong Liu, Ling Yang. Acceptor specificity and transfer efficiency of a β-glycosidase from the China white jade snail. ***Bioscience, Biotechnology, and Biochemistry,*** 2009, 73(3):671-6. **(IF: 1.06)**
14. **Hui-Xin Liu**, Ying Hu, Yu-Qi He, Yong Liu, Wei Li, Ling Yang. Ultra-performance liquid chromatographic electrospray mass spectrometric determination (UPLC-ESI-MS) of O-demethylated metabolite of paeonol in vitro: Assay development, human liver microsome activities and species differences. ***Talanta***, 2009, 79(5):1433-40. **(IF: 3.55)**
15. Wei Li, Yong Liu, Jiang-Wei Zhang, Chun-Zhi Ai, Nan Xiang, **Hui-Xin Liu**, Ling Yang. Anti-androgen-independent prostate cancer effects of ginsenoside metabolites in vitro: mechanism and possible structure-activity relationship investigation. ***Archives of Pharmacal Research***, 2009, 32:49-57. **(IF: 2.50)**
16. Yanyan Zhang, Yong Liu, Jiang-Wei Zhang, Guang-Bo Ge, **Hui-Xin Liu**, Li-Ming Wang, Jie Sun, Ling Yang. C-7 Configuration as one of determinants in taxanes metabolism by human cytochrome P450 enzymes. ***Xenobiotica***, 2009, 39:903-914. **(IF: 2.20)**
17. Yun-Feng Cao, Yan-Yan Zhang, Jun Li, Guang-Bo Ge, Di Hu, **Hui-Xing Liu**, Ting Huang, Yi-Chun Wang, Zhong-Ze Fang, Dong-Xue Sun, Hong Huo, Jun Yin, Ling Yang. CYP3A catalyzes schizandrin biotransformation in human, minipig and rat liver microsomes. ***Xenobiotica***, 2010, 40:38-47. **(IF: 2.20)**
18. Yu-Qi He, Li Yang, Yong Liu, **Hui-Xin Liu**, Ling-Ling Xu, Ke-Min Ding, Yan-Liu Lu, Ling Yang, Chang-Hong Wang, Zheng-Tao Wang. Glucuronidation, a new metabolic pathway for pyrrolizidine alkaloids. ***Chemical Research in Toxicology.*** 2010,23:591-599. **(IF: 3.53)**
19. Si-Cheng Liang, Guang-Bo Ge, **Hui-Xin Liu**, Yan-Yan Zhang, Jiang-Wei Zhang, Lu Yin, Wei Li, Zhong-Ze Fang, Ling Yang. Identification and characterization of human UDP-glucuronosyltransferase responsible for the in vitro glucuronidation of daphnetin. ***Drug Metabolism and Disposition***, 2010, 38:973-980. **(IF: 3.25)**
20. Yu-Qi He, Yong Liu, **Hui-Xin Liu**, Chang-Hong Wang, Li Yang, Bin-Feng Zhang, Ling-Ling Xu, Yan-Liu Lu, Ling Yang, Zheng-Tao Wang. Identification of the UGT isozyme involved in senecionine glucuronidation in human liver microsome. ***Drug Metabolism and Disposition***. 2010, 38:626-634. **(IF: 3.25)**
21. Sicheng Liang, Guangbo Ge, **Hui-Xin Liu**, Haitao Shang, Hong Wei, Zhongze Fang, Liangliang Zhu, Yuxi Mao, Ling Yang. Determination of propofol UDP-glucuronosyltransferase activities in hepatic microsomes from different species by UFLC-ESI-MS. ***Journal of Pharmaceutical and Biomedical Analysis***. 2011, 54:236-241. **(IF: 3.17)**
22. Ao-Xue Wang, Ying Hu, **Hui-Xin Liu**, Xiao-Yi Qi, Yong Liu, Cai-Xia Tu, Ling Yang. C5-Hydroxylation of liquiritigenin is catalyzed selectively by CYP1A2. ***Xenobiotica***. 2011, 41:349-357. **(IF: 2.20)**
23. Liangliang Zhu, Guangbo Ge, Hongbo Zhuang, **Hui-Xin Liu**, Guiyuan He, Sicheng Liang, Yanyan Zhang, Zhongze Fang, Peipei Dong, Moshe Finel , Ling Yang. Characterization of hepatic and intestinal glucuronidation of magnolol: application of the relative activity factor approach to decipher the contributions of multiple UDP-glucuronosyltransferase isoforms. ***Drug Metabolism and Disposition***. 2012, 40:529-538. **(IF: 3.25)**
24. Qi Zhan, Yaping Fang, Yuqi He, **Hui-Xin Liu**, Jianwen Fang, Yu-Jui Yvonne Wan. Function annotation of hepatic retinoid x receptor α based on genome-wide DNA binding and transcriptome profiling. ***PLOS One***. 2012, e50013. **(IF: 3.23)**
25. Yaping Fang, **Hui-Xin Liu**, Ning Zhang, Grace L. Guo, Yu-Jui Yvonne Wan, Jianwen Fang. NURBS: a database of experimental and predicted nuclear receptor binding sites of mouse. Bioinformatics. 2013, 29:295-297. **(IF: 5.77)**
26. **Hui-Xin Liu**, Yaping Fang, Ying Hu, Frank J. Gonzalez, Jianwen Fang, Yu-Jui Yvonne Wan. PPARβ

regulates liver regeneration by modulating Akt and E2f signaling. ***PLOS One***. 2013, 8:e65644. **(IF: 3.23)**

27. Yuqi He, Lei Gong, Yaping Fang, Qi Zhan, **Hui-Xin Liu**, Yanliu Lu, Grace L Guo, Lois Lehman-McKeeman, Jianwen Fang, Yu-Jui Yvonne Wan. The role of retinoic acid in hepatic lipid homeostasis defined by genomic binding and transcriptome profiling. ***BMC Genomics***. 2013, 14:575. **(IF: 3.87)**
28. Ying Hu, **Hui-Xin Liu**, Yuqi He, Yaping Fang, Jianwen Fang, Yu-Jui Yvonne Wan. Transcriptome profiling and genome-wide DNA binding define the differential role of fenretinide and all-trans RA in regulating the death and survival of human hepatocellular carcinoma Huh7 cells. ***Biochemical Pharmacology***. 2013, 85:1007-1017. **(IF: 5.01)**
29. Le Zhan, **Hui-Xin Liu**, Yaping Fang, Bo Kong, Yuqi He, Xiao-Bo Zhong, Jianwen Fang, Yu-Jui Yvonne Wan, Grace L. Guo. Genome-wide binding and transcriptome analysis of human farnesoid x receptor in primary human hepatocytes. ***PLOS One***. 2014, 9:e105930. **(IF: 3.23)**
30. **Hui-Xin Liu**, Irene Ly, Ying Hu, Yu-Jui Yvonne Wan. Retinoic acid regulates cell cycle genes and accelerates normal mouse liver regeneration. ***Biochemical Pharmacology***. 2014, 91:256-265. **(IF: 5.01)**
31. Ying Hu, Qi Zhan, **Hui-Xin Liu**, Thinh Chau, Yuyuan Li, Yu-Jui Yvonne Wan. Accelerated partial hepatectomy-induced liver cell proliferation is associated with liver injury in Nur77 knockout mice. ***The American Journal of Pathology***. 2014, doi: 10.1016/j.ajpath.2014.08.002. **(IF: 4.21)**
32. Fan Yang, Yuqi He, **Hui-Xin Liu**, Jessica Tsuei, Xiaoyue Jiang, Li Yang, Zheng-Tao Wang, Yu-Jui Yvonne Wan. All-trans retinoic acid regulates hepatic bile acid homeostasis. ***Biochemical Pharmacology***. 2014, 15;91(4):483-9. **(IF: 5.01)**
33. Ying Hu, Thinh Chau, **Hui-Xin Liu**, Degui Liao, Ryan Keane, Yuqiang Nie, Hui Yang, Yu-Jui Yvonne Wan. Bile Acids Regulate Nuclear Receptor (Nur77) Expression and Intracellular Location to Control Proliferation and Apoptosis. ***Molecular Cancer Research***. 2014, pii: molcanres.0230.2014. **(IF: 4.51)**
34. Fan Yang, Ying Hu, **Hui-Xin Liu**, Yu-Jui Yvonne Wan. MiR-22-silenced cyclin A expression in colon and liver cancer cells is regulated by bile acid receptor. ***The Journal of Biological Chemistry***. 2015, pii: jbc.M114.620369. **(IF: 4.57)**
35. **Hui-Xin Liu**, Ying Hu, Samuel French, Frank Gonzalez, Yu-Jui Yvonne Wan. Forced Expression of Fibroblast Growth Factor 21 Reverses the Sustained Impairment of Liver Regeneration in hPPARα^{PAC} Mice due to Dysregulated Bile Acid Synthesis. ***Oncotarget***. 2015, 30;6(12):9686-9700. **(IF: 5.01)**
36. **Hui-Xin Liu,** Ryan Keane, Lili Sheng, Yu-Jui Yvonne Wan. Implications of microbiota and bile acid in liver injury and regeneration. ***Journal of Hepatology***. 2015, 63(6):1502-10. **(IF: 10.59)**
37. **Hui-Xin Liu,** Clarissa Santos Rocha, Satya Dandekar, Yu-Jui Yvonne Wan. Functional analysis of the relationship between intestinal microbiota and the expression of hepatic genes and pathways during the course of liver regeneration. ***Journal of Hepatology***. 2016, 64(3):641-50. **(IF: 10.59)**
38. **Hui-Xin Liu**, Ying Hu, Yu-Jui Yvonne Wan. Microbiota and Bile Acid Profiles in Retinoic Acid-primed Mice that Exhibit Accelerated Liver Regeneration. ***Oncotarget***. 2016 12;7(2):1096-106. **(IF: 5.01)**
39. Lili Sheng, Prasant Kumar Jena, **Hui-Xin Liu**, Karen M. Kalanetra, Frank J. Gonzalez, Yu-Jui Yvonne Wan. Gender Differences in Bile Acids and Microbiota in Relationship with Gender Dissimilarity in Steatosis Induced by Diet and FXR Inactivation. ***Scientific Reports***. 2017 accepted. **(IF: 5.23)**

Scientific Meeting Abstracts:

1. **Hui-Xin Liu**, Zhouhan Hu, Ling Yang. The UDP-Glucuronosyltransferase 1A6 Isozyme Is Responsible for Protocatechuic Aldehyde Glucuronidation in Human Liver. 2nd Asian Pacific ISSX Meeting. Shanghai, May, 2008.
2. Jiangwei Zhang, Zhouhan Hu, Guangbo Ge, Yong Liu, Hongtao Liu, Wei Li, **Hui-Xin Liu**, Yanyan Zhang, Ling Yang. Hydroxylation of Tanshinone IIa in Human Liver Microsomes Is Specifically Catalyzed by Cytochrome P450 2A6. 2nd Asian Pacific ISSX Meeting. Shanghai, May, 2008.
3. Wei Li, Yong Liu, Yuqi He, Jiangwei Zhang, **Hui-Xin Liu**, Guangbo Ge, Hongtao Liu, Jie Sun, Liming Wang, Ling Yang. Metabolic Stability and Cytochrome P450 Phenotyping of Triptolide in Human and Rat Liver Microsomes. 2nd Asian Pacific ISSX Meeting. Shanghai, May, 2008.
4. Sicheng Liang, **Hui-Xin Liu**, Guangbo Ge, Ling Yang. UGT1A6 and UGT1A9 Involving in the Metabolism of Daphnetin by Human Liver Microsomes. 3rd Asian Pacific Regional ISSX Meeting. Bangkok, May, 2009.

5. **Hui-Xin Liu**, Ling Yang. Determination of paeonol O-demethylation activities in vitro by ultra-performance liquid chromatography with MS detection (UPLC-MS). 3rd Asian Pacific Regional ISSX Meeting. Bangkok, May, 2009.
6. **Hui-Xin Liu**, Ling Yang. Identification of CYP1A2 as the Principal Enzyme Catalyzing Paeonol O-demethylation in Human Liver Microsomes. 3rd Asian Pacific Regional ISSX Meeting. Bangkok, May, 2009.
7. **Hui-Xin Liu**, Ying Hu, Ling Yang. Hydroxylation of Tanshinone IIa in Human Liver Microsomes Is Specifically Catalyzed by Cytochrome P450 2A6. 11th European Regional ISSX Meeting. Lisbon, May, 2009.
8. **Hui-Xin Liu**, Ying Hu, Ling Yang. Ultra-performance liquid chromatographic-electrospray mass spectrometric determination of Protocatechuic aldehyde glucuronidation in vitro. 16th North American Regional ISSX Meeting. Baltimore, October, 2009.
9. **Hui-Xin Liu**, Ying Hu, Ling Yang. Hydroxylation of Liquiritigenin in Human Liver Microsomes Is Specifically Catalyzed by Cytochrome P450 1A2. 16th North American Regional ISSX Meeting. Baltimore, October, 2009.
10. Guangbo Ge, Sicheng Liang, **Hui-Xin Liu**, Yanyan Zhang, Ling Yang. Characterization of human UDP-Glucuronosyltransferase isoforms responsible for the in vitro glucuronidation of esculetin. 16th North American Regional ISSX Meeting. Baltimore, October, 2009.
11. Sicheng Liang, Guangbo Ge, **Hui-Xin Liu**, Jiangwei Zhang, Zhongze Fang, Ling Yang. Characterization of human metabolic pathway of daphnetin: UDP-glucuronosyltransferase involved in the methylated daphnetin. 16th North American Regional ISSX Meeting. Baltimore, October, 2009.
12. Sicheng Liang, **Hui-Xin Liu**, Guangbo Ge, Ling Yang. The Role of the Phase II Enzymes in the Metabolic Elimination of Daphnetin. 18th International Symposium on Microsomes and Drug Oxidations. Shanghai, May, 2010.
13. Liangliang Zhu, **Hui-Xin Liu**, Guangbo Ge, Ling Yang. In Vitro Investigation of Glucuronidation of Magnolol: UGT2B7, a Major Responsible Isoform in HLMs. 18th International Symposium on Microsomes and Drug Oxidations. Shanghai, May, 2010.
14. Ying Hu, **Hui-Xin Liu**, Ling Yang. C5-Hydroxylation of Liquirtigenin Is Catalyzed Selectively by CYP1A2. 9th International ISSX Meeting. Istanbul, September, 2010.
15. Ying Hu, **Hui-Xin Liu**, Ling Yang. Characterization of UGT Isoforms Involved in Naringenin Glucuronidation in Human Liver Microsomes. 9th International ISSX Meeting. Istanbul, September, 2010.
16. Ying Hu, **Hui-Xin Liu**, Ling Yang. Characterization of UGT Isoforms Involved in Liquiritigenin Glucuronidation in Human Liver Microsomes. 9th International ISSX Meeting. Istanbul, September, 2010.
17. Ying Hu, **Hui-Xin Liu**, Na Li, Ling Yang. Deoxyschizandrin improved the absorption of P-glycosprotein (P-gp) Substrate Drugs in Human Intestinal Caco-2 Cells. 9th International ISSX Meeting. Istanbul, September, 2010.
18. Liangliang Zhu, Guangbo Ge, **Hui-Xin Liu**, Ling Yang. Identification of UDP-Glucuronosyltransferases involved in human hepatic glucuronidation of diethylstilbestrol. 9th International ISSX Meeting. Istanbul, September, 2010.
19. Ying Hu, **Hui-Xin Liu**, Ling Yang. Ultra-performance liquid chromatographic–electrospray mass spectrometric determination (UPLC-ESI-MS) of hydroxylation metabolite of liquiritigenin in vitro: Assay development, human liver microsome activities and species differences. 9th International ISSX Meeting: Metabolism. Istanbul, May 2010
20. Qi Zhan, **Hui-Xin Liu**, Frank J. Gonzalez, Yu-Jui Yvonne Wan. Hepatic steatosis in peroxisome proliferator-activated receptor α humanized mice impaired liver regeneration. AASLD Annual Meeting, San Francisco, November 4-8, 2011
21. **Hui-Xin Liu**, Qi Zhan, Frank J. Gonzalez, Yu-Jui Yvonne Wan. Peroxisome proliferator-activated receptor (PPAR) β is essential for normal progression of liver regeneration by modulating lipid homeostasis and Phosphoinositide-dependent Protein Kinase 1 (PDK1)/Akt-mediated signaling. AASLD Annual Meeting, San Francisco, November 4-8, 2011.
22. Qi Zhan, **Hui-Xin Liu**, Yu-Jui Yvonne Wan. Lack of nuclear receptor Nur77 results in transient injury in partial hepatectomy-induced regenerating livers. AASLD Annual Meeting. San Francisco, November 4-8, 2011.
23. Le Zhan, **Hui-Xin Liu**, Yuqi He, Yaping Fang, Yu-Jui Yvonne Wan, Jianwen Fang, Grace Liejun Guo.

Genome-wide binding and transcriptome analysis of human farnesoid X receptor in the liver. Experimental Biology Annual Meeting. Boston, April 20-24, 2013.

24. Yuqi He, Yaping Fang, Qi Zhan, **Hui-Xin Liu**, Grace Guo, Lehman-Mckeeman L, Jianwen Fang, Yu-Jui Yvonne Wan. Genomic Binding and Transcriptome Profiling Defines the Role of Retinoic Acid in Hepatic Lipid Homeostasis. ENDO Annual Meeting. San Francisco, June 15-18, 2013.
25. Ying Hu, Qi Zhan, **Hui-Xin Liu**, Thinh Chau, Yuyuan Li, Yu-Jui Yvonne Wan. Accelerated liver regeneration is associated with liver injury in Nur77 Knockout mice after partial hepatectomy. The 11th annual pathology research retreat. Sacramento, September, 2014.
26. **Hui-Xin Liu**, Ying Hu, Yu-Jui Yvonne Wan. Retinoic acid regulates cell cycle genes and accelerates normal mouse liver regeneration. The 11th annual pathology research retreat. Sacramento, September, 2014.
27. Ying Hu, Thinh Chau, **Hui-Xin Liu**, Yi-Jui Yvonne Wan. Bile acids regulate the expression and intracellular location of Nur77 oncogene to control the proliferation and apoptosis of gastrointestinal cells. The 11th annual pathology research retreat. Sacramento, September, 2014.
28. Fan Yang, Yuqi He, **Hui-Xin Liu**, Jessican Tsuei, Yu-Jui Yvonne Wan. All-trans retinoic acid regulates hepatic bile acid homeostasis. The 11th annual pathology research retreat. Sacramento, September, 2014.
29. **Hui-Xin Liu**, Ying Hu, Lili Sheng, Yu-Jui Yvonne Wan. Shifting gut microbiota and bile acid profiles in retinoic acid-primed mice that exhibit accelerated liver regeneration. AASLD Annual Meeting. San Francisco, November 13-17, 2015.
30. **Hui-Xin Liu**, Ying Hu, Yu-Jui Yvonne Wan. FGF21 facilitates normal liver regeneration and restores impaired liver regeneration in steatotic liver. AASLD Annual Meeting. San Francisco, November 13-17, 2015.
31. Ying Hu, **Hui-Xin Liu**, Yu-Yui Yvonne Wan. RA and butyrate induce colon cancer cell apoptosis through miR-22 silencing of histone deacetylases. AASLD Annual Meeting. San Francisco, November 13-17, 2015.
32. **Hui-Xin Liu**, Clarissa Santos Rocha, Satya Dandekar, Yu-Jui Yvonne Wan. Dynamic shift of microbiota and its relationship with hepatic gene expression during liver regeneration. AASLD Annual Meeting. San Francisco, November 13-17, 2015.