Curriculum Vitae (C.V.)

Name: Chia-Fang Wu

January, 27, 1980

Education and Positions Held:

09/1998-06/2002

BS --- Department of Public Health

Chung Shan Medical University, Taiwan

Thesis: Long term trend of mortality rates on visceral cancer in Taiwan northeast and southwest arsenic epidemic areas

Research advisor: Prof. Yung-Po Liaw

09/2002-06/2004

MS --- Graduate Institute of Occupational Safety and Health and Department of Occupational Medicine

Kaohsiung Medical University, Taiwan

Thesis: The Relationship Between Genetic Polymorphisms of Alcohol and Aldehyde Dehydrogenses and Esophageal Squamous Cell Carcinoma Risk in Males

Research advisor: Prof. Ming-Tsang Wu

09/2005~07/2010

PhD --- Graduate Institute of Occupational Safety and Health and Department of Occupational Medicine

Kaohsiung Medical University, Taiwan

Thesis: Association between urinary melamine level and adult urolithiasis

Research advisor: Prof. Ming-Tsang Wu and Kuen-Yuh Wu

Pratical / Work Experience:

07/2004 ~07/2009	**Research Assistant** for Division of Environmental Health and Occupational Medicine, National Health Research Institutes.
08/2009 ~07/2010	**Research Assistant** for Graduate Institute of Occupational Safety and Health, Kaohsiung Medical University
08/2010 ~07/2011	**Postdoctoral Fellow** for Graduate Institute of Occupational Safety and Health, Kaohsiung Medical University

08/2011 ~07/2017	**Postdoctoral Fellow** for Department of Public Health, Kaohsiung Medical University
08/2017 ~	**Assistant Research Fellow** for Research Center for Environmental Medicine, Kaohsiung Medical University
2018	**Visiting Scientist** for Masonic Cancer Center, University of Minnesota, USA

Personal Statement:

My background and experience are in the fields of analytical chemistry and molecular epidemiology in environmental and occupational medicine. My major research is on applying biological monitoring markers in the studies of newly-emerging environmental disease, such as melamine and phthalate exposure and renal damage, by mass spectrometry. I have successfully to use the equipment of LC-MS/MS to analyze melamine levels and phthalate metabolites in the urine specimens and also have the experience to use MALDI-TOF instrument to analyze the content of melamine in the stone specimens. Also, I continue to develop the analytical methods by LC-MS/MS of measuring melamine and/or phthalates metabolites in other biospecimesn, such as kidney, placenta, breast milk, etc., for future clinical application. I had many experience cooperated and integrated with different expertise to further elucidate the role of exposure on the health outcome in molecular epidemiology. Up to now, I have total 33 publications; among them, 15 ones are served as the first author and 7/15 published in Journal within 10% rank. The most impressive papers published recently are selected as following:

1. Wu CF, Hsieh TJ, Chen BH, Liu CC, Wu MT: A crossover study of noodle soup consumption in melamine bowls and total melamine excretion in urine. JAMA Inter Med 2013;173(4):317-319. PMID: 23337907. (MEDICINE, GENERAL & INTERNAL, 7/155=4.5%; IF: 10.579)
2. Wu CF, Chen BH, Shiea J, Chen EK, Liu CK, Chao MC, Ho CH, Wu JR, Wu MT: Temporatl changes of urinary oxidative metabolites of di(2-ethylhexyl)phthalate after the 2011 phthalate incident in Taiwanese children: findings of six month follow-up. Environ Sci Technol 2013;47(23):13754-13762. PMID: 24191740. (ENVIRONMENTAL SCIENCES, 7/210=3.3%; IF: 5.257)
3. Wu CF, Peng CY, Liu CC, Lin WY, Pan CH, Cheng CM, Hsieh HM, Hsieh TJ, Chen BH, Wu MT: Ambient melamine exposure and urinary biomarkers of early renal injury. J Am Soc Nephrol 2015;26(11):2821-2829. PMID: 26045090. (UROLOGY & NEPHROLOGY, 3/78=3.8%; IF: 9.343)

4. Wu CF, Hsiung CA, Tsai HJ, Tsai YC, Hsieh HM, Chen BH, Wu MT: Interaction of melamine and di-(2-ethylhexyl)phthalate exposure on markers on early renal damage in children: The 2011 Taiwan food scandal. Environ Pollut 2018;235:453-461. PMID: 29310089. (ENVIRONMENTAL SCIENCES, 20/229=8.7%; IF: 5.099)
5. Wu CF, Chen HM, Sun CW, Chen ML, Hsieh CJ, Wang SL, Wu MT: Cohort profile: Taiwan Maternal and Infant Cohort Study (TMICS) of phthalate exposure and health risk assessment. Int J Epidemiol 2018. PMID: 29718277. (PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH, 5/176=2.84%; IF: 7.738 in 2016)

Research Interest:

- Molecular epidemiology
- Biological monitoring
- Analytical chemistry
- Mass spectrometry
- Environmental and Occupational medicine

Honors and Awards:

- 2003 Academic Excellence Award for Graduate Institute of Occupational Safety and Health, Kaohsiung Medical University
- 2004 Distinguished Research Award (Second place winner) of Conference of Industrial Hygiene & Occupational Medicine
- 2004 Excellent Graduate Award graduate from Institute of Occupational Safety and Health, Kaohsiung Medical University
- 2005 Distinguished Research Award (Honorable Mention) of Conference of Industrial Hygiene & Occupational Medicine
- 2006 Young Asian Environmental Epidemiology Award (YAEE Award Third Place winner) of the First East Asia Conference of International society for Environmental Epidemiology (ISEE)
- 2006 Academic Excellence Award for Graduate Institute of Occupational Safety and Health, Kaohsiung Medical University
- 2007 Academic Excellence Award for Graduate Institute of Occupational Safety and Health, Kaohsiung Medical University
- 2007 1st Asian Conference on Environmental Mutagens (ACEM) & 36th Annual Meeting of Japanese Environmental Mutagen Society (JEMS), Kitakyushu, Japan, Chosen as oral presentation

- 2013 Distinguished Research Award Scholarship of International Conference of Industrial Hygiene & Occupational Medicine
- 2015 21th Distinguished Research Award Scholarship of Taiwan Public Health Association (Memory Award of Professor KP Chen)

Publications: (2005~, 33)

1. **Wu CF**, Wu DC, Hsu HK, Kao EL, Lee JM, Wu MT: The Relationship Between Genetic Polymorphisms of Alcohol and Aldehyde Dehydrogenases and Esophageal Squamous Cell Carcinoma Risk in Males. World J Gastroenterology 11: 5103-5108, 2005. (GASTROENTEROLOGY & HEPATOLOGY, 32/55=58.2%; IF: 3.318)
2. Huang CC, Li CM, **Wu CF**, Jao SP, Wu KY: Analysis of urinary N-acetyl-S-(propionamide)-cysteine as a biomarker for the assessment of acrylamide exposure in smokers. Environ Res 104: 346-351, 2007. (ENVIRONMENTAL SCIENCES, 19/160=11.9%; IF: 2.324)
3. Huang CC, Shih WC, **Wu CF**, Chen MF, Chen YL, Lin YH, Wu KY: Rapid and sensitive on-line liquid chromatographic-tandem mass spectrometric determination of an ethylene oxide-DNA adduct, N7-(2-hydroxyethyl)guanine, in urine of nonsmokers. Rapid Commun Mass Spectrom 22: 706-710, 2008. (CHEMISTRY, ANALYTICAL, 13/70=18.6%; IF: 2.971)
4. Miao ZF, Chang EE, Tsai FY, Yeh SC, **Wu CF**, Wu KY, Wang CJ, Tsou TC: Increased aquaglyceroporin 9 expression disrupts arsenic resistance in human lung cancer cells. Toxicol In Vitro 23: 209-216, 2009. (TOXICOLOGY, 27/73=37.0%; IF: 2.193)
5. **Wu CF***, Liu CC*, Chen BH, Huang SP, Lee HH, Chou YH, Wu WJ, Wu MT: Urinary melamine and adult urolithiasis in Taiwan. Clin Chim Acta 411: 184-189, 2010. (MEDICAL LABORATORY TECHNOLOGY, 5/28=17.9%; IF= 2.535)
6. **Wu CF**, Feng NH, Chong IW, Wu KY, Lee CH, Hwang JJ, Huang CT, Lee CY, Chou ST, Christiani DC, Wu MT: Second-hand smoke (SHS) and chronic bronchitis in Taiwanese women: a health-care based study. BMC Public Health 10: 44, 2010. (PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH, 44/122=36.1%; IF: 2.223)
7. Chien CY, **Wu CF**, Liu CC, Chen BH, Huang SP, Chou YH, Chang AW, Lee HH, Pan CH, Wu WJ, Shen JT, Chang MY, Huang CH, Shiea J, Hsieh TJ, Wu MT: High melamine migration in daily-use melamine-made tableware. J Hazard Mater 188: 350-356, 2011. (ENGINEERING, CIVIL, 2/115=1.7%; IF: 3.723)
8. Huang CC, **Wu CF**, Shih WC, Chen MF, Chen CY, Chien YC, Liou SH, Chiang SY, Wu KY: Comparative analysis of urinary N7-(2-hydroxyethyl)guanine for

ethylene oxide-and non-exposed workers. Toxicol Lett 202: 237-243, 2011. (TOXICOLOGY, 17/83=20.5%; IF: 3.581)

9. Liu CC*, **Wu CF***, Chen BH, Huang SP, Goggins W, Lee HH, Chou YH, Wu WJ, Huang CH, Shiea J, Lee CH, Wu KY, Wu MT: Low exposure to melamine increases the risk of urolithiasis in adults. Kidney Int 80: 746-752, 2011 (UROLOGY & NEPHROLOGY, 3/69=4.3%; IF: 6.105)
10. Liu CC*, **Wu CF***, Wu MT: Reappraisal of melamine exposure and adult calcium urolithiasis. Kidney Int 82: 361-362, 2012 (UROLOGY & NEPHROLOGY, 4/73=5.5%; IF: 6.606)
11. Wu MT, **Wu CF**, Wu JR, Chen BH, Chen EK, Chao MC, Christiani DC, Ho CK: The public health threat of phthalate-tainted foodstuffs in Taiwan: the policies the government implemented and the lessons we learned. Environmental Int 44: 75-79, 2012 (ENVIRONMENTAL SCIENCES, 7/205=3.4%; IF: 5.297)
12. Liu CC*, **Wu CF***, Shiea J, Cho YT, Hsieh TJ, Chou YH, Chen BH, Huang SP, Wu WJ, Shen JT, Chang MY, Huang CH, Chang AW, Wu MT: Detection of melamine in a human renal uric acid stone by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF MS). Clin Chim Acta 413: 1689-1695, 2012 (MEDICAL LABORATORY TECHNOLOGH, 6/32=18.8; IF: 2.535)
13. Hsieh TJ, Hsieh PC, Tsai YH, **Wu CF**, Liu CC, Lin MY, Wu MT: Melamine induces human renal proximal tubular cell injury via transforming growth factor-beta and oxidative stress. Toxicol Sci 130: 17-32, 2012 (TOXICOLOGY, 9/83=10.8%; IF: 4.652)
14. **Wu CF**, Hsieh TJ, Chen BH, Liu CC, Wu MT: A crossover study of noodle soup consumption in melamine-made bowls and total melamine excretion in urine. JAMA Intern Med 173: 317-319, 2013 (MEDICINE, GENERAL & INTERNAL, 7/155=4.5%; IF: 10.579)
15. Lin YT, Tsai MT, Chen YL, Cheng CM, Hung CC, **Wu CF**, Liu CC, Hsieh TJ, Shiea J, Chen BH, Wu MT: Can melamine levels in one-spot overnight urine specimens predict the total previous 24-hour melamine excretion level in school children? Clin Chim Acta 420: 128-133, 2013 (MEDICAL LABORATORY TECHNOLOGH, 6/32=18.8; IF: 2.850)
16. Lee HH, Lee JF, Lin SY, Lin YY, **Wu CF**, Wu MT, Chen BH: Simultaneous quantification of urine flunitrazepam, nimetazepam and nitrazepam by using liquid chromatography tandem mass spectrometry. Clin Chim Acta 420: 134-139, 2013 (MEDICAL LABORATORY TECHNOLOGH, 6/32=18.8; IF: 2.850)
17. Wu MT, **Wu CF**, Chen BH, Chen EK, Chen YL, Shiea J, Lee WT, Chao MC, Wu JR: Intake of phthalate-tainted foods alters endocrine functions in Taiwanese

children. PLOS ONE 8: e55005, 2013 (MULTIDISCIPLINARY SCIENCES, 7/56=12.5; IF: 3.730)

18. **Wu CF**, Chen BH, Shiea J, Chen EK, Liu CK, Chao MC, Ho CH, Wu JR, Wu MT: Temporal changes of urinary oxidative metabolites of di(2-ethylhexyl)phthalate after the 2011 phthalate incident in Taiwanese children: findings of a six month follow-up. Environ Sci Technol 47: 13754-13762, 2013 (ENVIRONMENTAL SCIENCES, 7/210=3.3%; IF: 5.257)
19. **Wu CF***, Liu CC*, Chou YH, Shiea J, Wu MT: Increased detection rate of melamine-containing calcium urolithiasis by using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry technique in clinical practice. Clin Chim Acta 431: 294-298, 2014 (MEDICAL LABORATORY TECHNOLOGY, 7/31=22.6%; IF: 2.764)
20. **Wu CF***, Chang-Chien GP*, Su SW, Ho CK, Chen BH, Wu MT: Findings of 2,731 suspected phthalate-tainted foodstuffs during the 2011 phthalate incident in Taiwan. J Formos Med Assoc 113: 600-605, 2014 (MEDICINE, GENERAL & INTERNAL, 57/156=36.5%; IF: 1.695)
21. Kuo FC, Wu CY, Kuo CH, **Wu CF**, Lu CY, Chen YH, Chen CY, Lo YC, Wu MT, Hu HM: The utilization of a new immunochromatographic test in detection of Helicobacter pylori antibody from maternal and umbilical cord serum. Biomed Res Int 2014: 568410, 2014 (BIOTECHNOOGY & APPLIED MICROBIOLOGY, 53/165=32.1%; IF: 2.706)
22. Huang CC, **Wu CF**, Shih WC, Luo YS, Chen MF, Li CM, Liou SH, Chung WS, Chiang SY, Wu KY: Potential association of urinary N7-(2-carbamoyl-2-hydroxyethyl) guanine with dietary acrylamide intake of smokers and nonsmokers. Chem Res Toxicol 28: 43-50, 2015 (CHEMISTRY, MEDICINAL, 10/59=16.9%; IF: 3.529)
23. **Wu CF**, Peng CY, Liu CC, Lin WY, Pan CH, Cheng CM, Hsieh HM, Hsieh TJ, Chen BH, Wu MT: Ambient melamine exposure and urinary biomarkers of early renal injury. J Am Soc Nephrol 26: 2821-2829, 2015 (UROLOGY & NEPHROLOGY, 3/78=3.8%; IF: 9.343)
24. Liu CC, Hsieh HM, **Wu CF**, Hsieh TJ, Huang SP, Chou YH, Huang CN, Wu WJ, Wu MT: Long-term prescription of alpha-blockers decrease the risk of recurrent urolithiasis needed for surgical intervention-a nationwide population-based study. PLOS ONE 2015: 10; e0122494. (MULTIDISCIPLINARY SCIENCES, 9/57=15.8%; IF: 3.234)
25. Kuo FC, Su SW, **Wu CF**, Wu CY, Shiea J, Chen BH, Chen YL, Wu MT: Relationship of urinary concentrations of 9 phthalate metabolites with serum thyroid hormones in pregnant women and their newborns-a prospective birth

cohort in Taiwan. PLOS ONE 2015: 10; e0123884. (MULTIDISCIPLINARY SCIENCES, 9/57=15.8%; IF: 3.234)

26. Wu MT, **Wu CF**, Chen BH: Behavior intervention and decreased daily melamine exposure from melamine tableware. Environ Sci Technol 49: 9964-9970, 2015 (ENVIRONMENTAL SCIENCES, 10/223=4.5%; IF: 5.330)
27. Tsai HJ, Chen BH, **Wu CF**, Wang SL, Huang PC, Tsai YC, Chen ML, Ho CK, Hsiung C, Wu MT: Intake of phthalate-tainted foods and microalbuminuria in children: the 2011 Taiwan Food Scandal. Environmental Int 89-90: 129-137, 2016 (ENVIRONMENTAL SCIENCES, 8/225=3.6%; IF: 5.929)
28. Tsai HJ, **Wu CF**, Tsai YC, Huang PC, Chen ML, Wang SL, Chen BH, Chen CC, Wu WC, Hsu PS, Hsiung CA, Wu MT: Intake of phthalate-tainted foods and serum thyroid hormones in Taiwanese children and adolescents. Sci Rep 2016 (MULTIDISCIPLINARY SCIENCES, 7/63=11.1%; IF: 5.228)
29. Lin PI*, **Wu CF***, Kou HS, Huang TY, Shiea J, Wu MT: Soap and the removal of di-(2-ethylhexyl)phthalate from hands: N-of-1 and crossover designs. Sci Rep 2017 (MULTIDISCIPLINARY SCIENCES, 10/64=15.6%; IF: 4.259)
30. Liu CC, Hsieh TJ, **Wu CF**, Tsai YC, Huang SP, Lee YC, Huang TY, Shen JT, Chou YH, Huang CN, Wu WJ, Wu MT: Urine melamine excretion and increased markers of renal tubular injury in patients with calcium urolithiasis: a cross-sectional study. Environ Pollut 2017 (ENVIRONMENTAL SCIENCES, 20/229=8.7%; IF: 5.099)
31. **Wu CF*,** Hsiung CA*, Tsai HJ, Tsai YC, Hsieh HM, Chen BH, Wu MT: Interaction of melamine and di-(2-ethylhexyl) phthalate exposure on markers of early renal damage in children: The 2011 Taiwan food scandal. Environ Pollut 2018 (ENVIRONMENTAL SCIENCES, 20/229=8.7%; IF: 5.099)
32. Chen HC*, **Wu CF***, Chong IW, Wu MT: Exposure to cooking oil fumes and chronic bronchitis in nonsmoking women aged 40 years and over: A health-care based study. BMC Public Health 2018 (PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH, 63/176=35.8%; IF: 2.265)
33. **Wu CF*,** Chen HM*, Sun CW*, Chen ML, Hsieh CJ, Wang SL, Wu MT: Cohort profile: Taiwan Maternal and Infant Cohort Study (TMICS) of phthalate exposure and health risk assessment. Int J Epidemiol 2018 (PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH, 5/176=2.84%; IF: 7.738 in 2016)

* Equally contributed

<u>Conferences Papers</u>:

1. **Chia-Fang Wu,** Deng-Chyang Wu, Hong-Ki Hsu, Ein-Long Kao, Jang-Ming Lee,

Ming-Tsang Wu: (2004, March 27-31) Relationship Between Genetic Polymorphisms of Alcohol and Aldehyde Dehydrogenases and Esophageal Squamous Cell Carcinoma Risk in Males, 95th American Association for Cancer Research（AACR）Annual Meeting, Orlando, Florida. (International conference) (poster)

2. **Chia-Fang Wu,** Ming-Tsang Wu, Inn-Wen Chong, Kuen-Yuh Wu, Chi-Kung Ho, Chien-Hung Lee, Jhi-Jhu Huang, Trong-Neng Wu, Cheng-Chieh Lin, Chiu-Shong Liu, David C. Christiani: (2006, April 28-30) Association between active smoking and second-hand smoke (SHS) and chronic bronchitis in Taiwanese Women: a community-based study, 1st The International Society for Environmental Epidemiology（ISEE）Annual Meeting, Taipei, Taiwan. (International conference) (**oral presentation**) – **YAEE Third Place Award**
3. **Chia-Fang Wu,** Ming-Tsang Wu, Inn-Wen Chong, Kuen-Yuh Wu, Chi-Kung Ho, Chien-Hung Lee, Jhi-Jhu Huang, Chia-Tsuan Huang, Chung-Ying Lee, Trong-Neng Wu, David C. Christiani: (2007, September 5-9) Second-hand smoke (SHS) and chronic bronchitis in Taiwanese Women: a community-based study, 19th Conference, International Society for Environmental Epidemiology（ISEE）Annual Meeting, Mexico City. (International conference) (**poster discussion**)
4. **Chia-Fang Wu**, Chih-Chun Jean Huang, Wei-Chung Shih, Ming-Fong Chen, Ying-Huei Lin, Kuen-Yuh Wu: (2007, November 29-30) Analysis of urinary N7-(2-hydroxyethyl)-guanine adduct in ethylene oxide-exposed workers using an on-line cleanup system coupled with liquid chromatography/tandem mass spectrometry, 1st Asian Conference on Environmental Mutagens (ACEM) & 36th Annual Meeting of Japanese Environmental Mutagen Society (JEMS), Kitakyushu, Japan. (International conference) (**oral presentation**)
5. **Chia-Fang Wu,** Inn-Wen Chong, Chien-Hung Lee, Jhi-Jhu Hwang, Chia-Tsuan Huang, Chung-Ying Lee, Ming-Tsang Wu: (2008, October 25-29) Incense burning exposure and decline of pulmonary function in Taiwanese women: A health-care based study, American Public Health Association 136th Annual Meeting, San Diego, CA. (International conference) (poster)
6. **Chia-Fang Wu,** Chia-Chu Liu, Bai-Hsiun Chen, Shu-Pin Huang, Hei-Hwa Lee, Yii-Her Chou, Wen-Jeng Wu, Ming-Tsang Wu: (2010, August 28-September 1) Urinary melamine and adult urolithiasis in Taiwan, 2010 Joint Conference of International Society of Exposure Science & International Society for Environmental Epidemiology（ISES-ISEE）Annual Meeting, Seoul, Korea. (International conference) (poster)
7. **Chia-Fang Wu,** Chia-Chu Liu, Jentaie Shiea, Yi-Tzu Cho, Yii-Her Chou, Bai-Hsiun Chen, Chao-Yi Chien, Shu-Pin Huang, Wen-Jeng Wu, Jung-Tsung

Shen, Mei-Yu Chang, Chun-Hsiung Huang, Ming-Tsang Wu: (2012, September 15-21) Detection of melamine in a human renal stone by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF-MS), 2012 The 19th International Mass Spectrometry Conference, Kyoto, Japan. (International conference) (poster)

8. I-Chen Wu, **Chia-Fang Wu,** Jentaie Shiea, Bai-Hsiun Chen, Jiunn-Ren Wu, Ming-Tsang Wu: (2012, September 15-21) Urinary oxidative metabolites of di(2-ethylhexyl)phthalate can predict the daily intake of phthalate-tainted foods in Taiwanese children, 2012 The 19th International Mass Spectrometry Conference, Kyoto, Japan. (International conference) (poster)
9. **Chia-Fang Wu,** Bai-Hsiun Chen, Jentaie Shiea, Eric K. Chen, Ching-Huan Liu, Mei-Chyn Chao, Chi-Kung Ho, Jiunn-Ren Wu, Ming-Tsang Wu: (2013, April 27-28) Temporal changes of urinary oxidative metabolites of di(2-ethylhexyl)phthalate after 2011 phthalates incident in Taiwanese children-Findings from the baseline and 2- and 6-month follow-up, International Conference of Industrial Hygiene & Occupational Medicine, Taipei, Taiwan. (**Oral presentation**) – **Distinguished Research Award Scholarship**
10. **Chia-Fang Wu,** Fu-Chen Guo, Jentaie Shiea, Bai-Hsiun Chen, Po-Chin Huang, Shu-Li Wang, Chien-Yi Wu, Deng-Chyang Wu, Ming-Tsang Wu: (2013, August 19-23) Relationship of urinary concentrations of 9 phthalate metabolites with serum thyroid hormones in pregnant women and their newborns in Taiwan, 2013 Conference of ISEE, ISES and ISIAQ, Environment and Health-Bridging South, North, East and West, Basel, Switzerland. (International conference) (poster)
11. **Chia-Fang Wu,** Bai-Hsiun Chen, Jentaie Shiea, Eric K. Chen, Ching-Huan Liu, Mei-Chyn Chao, Chi-Kung Ho, Jiunn-Ren Wu, Ming-Tsang Wu：(2015, April 25-26) Temporal changes of urinary oxidative metabolites of di(2-ethylhexyl)phthalate and thyroid function after 2011 phthalates incident in Taiwanese children: findings of a six month follow-up，International Conference of Industrial Hygiene & Occupational Medicine, Kaohsiung, Taiwan. (**Oral presentation**)
12. **Chia-Fang Wu**, Chiung-Yu Peng, Chia-Chu Liu, Wen-Yi Lin, Chih-Hong Pan, Ching-Mei Cheng, Hui-Min Hsieh, Tusty-Jiuan Hsieh, Bai-Hsiun Chen, Ming-Tsang: (2015, Oct 17-18) Ambient melamine exposure and urinary biomarkers of early renal injury, Taiwan Public Health Association, Taipei, Taiwan. (**Oral presentation**)－21th Distinguished Research Award Scholarship (Memory Award of Professor KP Chen)
13. Chia-Chu Liu, **Chia-Fang Wu**, Tusty-Jiuan Hsieh, Yi-Chun Tsai, Shu-Pin Huang, Yung-Chin Lee, Tsung-Yi Huang, Yii-Her Chou, Jung-Tsung Shen, Chun-Nung

Huang, Wen-Jeng Wu, Ming-Tsang Wu: (2017, March 24-28) Environmental melamine exposure increase renal tubular injury in patients with calcium urolithiasis: The possible mechanism of melamine associated urolithiasis formation. 32nd Annual EAU Congress, London. (International conference) (Oral presentation)

14. **Chia-Fang Wu,** Bai-Hsiun Chen, Ming-Tsang Wu: (2017, September 24-28) Decreases in oxidative stress biomarkers in children after withdrawal from phthalates-tainted foodstuff exposure: A 44-monty follow-up, 29th Annual Scientific Conference of the International Society of Environmental Epidemiology 2017 (ISEE 2017), Sydney, Australia. (International conference) (poster)
15. **Chia-Fang Wu,** Chung-Yi Huang, Yung-Hung Chen, Ming-Tsang Wu: (2018, June 3-7) Development of analytical method of melamine in placenta from pregnant women by isotope dilution liquid chromatography/tandem mass spectrometry, 66th American Society for Mass Spectrometry (ASMS) Conference, San Diego, CA. (International conference) (poster)
16. **Chia-Fang Wu,** Ming-Tsang Wu, Po-Chin Huang: (2018, June 21-25) Urinary melamine levels and microalbuminuria in Taiwanese children and adolescents: Taiwan Environmental Survey for Toxicants (TESTs) 2016-2016, ISEE/ES AC 2018, Taipei, Taiwan. (International conference) (**Oral presentation**)
17. Hui-Ju Tsai, **Chia-Fang Wu**, Shu-Li Wang, Mei-Lien Chen, Chia-Jung Hsieh, Ming-Tsang Wu: (2018, June 21-25) The relationship between melamine and phthalate exposure and urinary biomarkers of renal injury and oxidative stress in pregnant women. ISEE/ES AC 2018, Taipei, Taiwan. (International conference) (Poster)