



Mei-Huei Chen
Attending Physician

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Education

- 2000
M.D. in College of Medicine,
National Taiwan University, Taiwan
- 2013
Ph.D. in Occupational Medicine and Industrial Hygiene,
National Taiwan University, Taiwan

Professional Experiences

- 2016/06-present
Institute of Population Health Sciences, National Health Research
Institutes, Taiwan
Attending physician
- 2014/8-present
National Taiwan University College of Medicine, Taiwan
Adjunct Assistant professor
- 2013-2016
Department of Pediatrics, National Taiwan University Yunlin Branch,
Taiwan
Attending physician
- 2013-2014
Birth Cohort Consortium of Asia
Secretariat
- 2006-2013
Department of Pediatrics, Cardinal Tien Hospital Yung Ho Branch,
Taiwan
Attending physician
- 2004-2006
Division of Neonatology, Department of Pediatrics, National Taiwan
University Hospital, Taiwan
Fellow
- 2000-2004
Department of Pediatrics, National Taiwan University Hospital, Taiwan
Resident

Research Interests

Child environmental health, Birth cohort study, Neonatology

Award

2015 224th Academic Meeting of Taiwan Pediatric Association Young
Investigator Award
2015 Taiwan Epidemiology Association Outstanding Graduate Paper Award
2011 Graduate Students Study Aboard Program (National Science Council,
ROC, Taiwan)

2009 The Society of Neonatology (Taiwan) Best Paper Award

Selected Publications

Tsai MS, **Chen MH**, Lin CC, Liu CY, Chen PC. Children's environmental health based on birth cohort studies of Asia (2) - air pollution, pesticides, and heavy metals. *Environ Res.* 2019;179 (Pt A):108754

Wei CF, **Chen MH**, Lin CC, Guo YL, Lin SJ, Liao HF, Hsieh WS, Chen PC. Association between maternal shift work and infant neurodevelopmental outcomes: results from the Taiwan Birth Cohort Study with propensity-score-matching analysis. *Int J Epidemiol.* 2019;48(5):1545-1555

Lin LY, Tsai MS, **Chen MH**, Ng S, Hsieh CJ, Lin CC, Lu FL, Hsieh WS, Chen PC. Childhood exposure to phthalate and pulmonary function. *Sci Total Environ.* 2018;615:1282-1289

Wei CF, **Chen MH**, Lin CC, Guo YL, Lin SJ, Hsieh WS, Chen PC. Household incense burning and infant gross motor development: Results from the Taiwan Birth Cohort Study. *Environ Int.* 2018;115:110-116

Chen MH, Ng S, Hsieh CJ, Lin CC, Hsieh WS, Chen PC. The impact of prenatal perfluoroalkyl substances exposure on neonatal and child growth. *Sci Total Environ.* 2017;607-608:669-675

Kim BM, **Chen MH**, Chen PC, Park H, Ha M, Kim Y, Hong YC, Kim YJ, Ha EH. Path analysis of prenatal mercury levels and birth weights in Korean and Taiwanese birth cohorts. *Sci Total Environ.* 2017;605-606:1003-1010

Chen CC, Wang YH, Wang SL, Huang PC, Chuang SC, **Chen MH**, Chen BH, Sun CW, Fu HC, Lee CC, Wu MT, Chen ML, Hsiung CA. Exposure sources and their relative contributions to urinary phthalate metabolites among children in Taiwan. *Int J Hyg Environ Health.* 2017;869-879

Tsai MS, **Chen MH**, Lin CC, Ng S, Hsieh CJ, Liu CY, Hsieh WS, Chen PC. Children's environmental health based on birth cohort studies of Asia. *Sci Total Environ.* 2017;609:396-409

Weng TI, **Chen MH**, Lien GW, Chen PS, Lin JC, Fang CC, Chen PC. Effects of Gender on the Association of Urinary Phthalate Metabolites with Thyroid Hormones in Children: A Prospective Cohort Study in Taiwan. *Int J Environ Res Public Health.* 2017;14(2)

Tsai MS, Lin CC, **Chen MH**, Hsieh WS, Chen PC. Perfluoroalkyl substances and thyroid hormones in cord blood. *Environ Pollut.* 2017;222:543-548

Lien GW, Huang CC, Shiu JS, **Chen MH**, Hsieh WS, Guo YL, Chen PC. Perfluoroalkyl substances in cord blood and attention deficit/hyperactivity disorder symptoms in seven-year-old children. *Chemosphere.* 2016,156:118-127.

Verner MA, Loccisano AE, Morken NH, Yoon M, Wu H, McDougall R, Maisonet M, Marcus M, Kishi R, Miyashita C, **Chen MH**, Hsieh WS, Andersen ME, Clewell HJ 3rd, Longnecker MP. Associations of perfluoroalkyl substances (PFASs) with lower birth weight: an evaluation of potential confounding by glomerular filtration rate using a physiologically based pharmacokinetics model (PBPK). *Environ Health Perspect.* 2015;123 (12):1317-1324

Tsai MS, Lin CY, Lin CC, **Chen MH**, Hsu SH, Chien KL, Sung FC, Chen PC, Su TC. Association between perfluoroalkyl substances and reproductive hormones in adolescents and young adults. *Int J Hyg Environ Health.* 2015; 218(5):437-443

Hsu ST, Hsieh CJ, Chen HW, Jeng SF, Wu HC, **Chen MH**, Chen CY, Chou HC, Tsao PN, Chen PC, Hsieh WS. Nationwide Birth Weight and Gestational Age-specific Neonatal Mortality Rate in Taiwan. *Pediatr Neonatol.*2015; 56(3):149-158

Chen MH, Ha EH, Liao HF, Jeng SF, Su YN, Wen TW, Lien GW, Chen CY, Hsieh WS, Chen PC. Perfluorinated Compounds Levels in Cord Blood and Neurodevelopment at 2 Years of Age. *Epidemiology* 2013;24(6): 800-808

Chen MH, Ha EH, Wen TW, Su YN, Lien GW, Chen CY, Chen PC and Hsieh WS. Perfluorinated Compounds in Umbilical Cord Blood and Adverse Birth Outcomes. *PLoS ONE* 2012;7(8):e42474

BOOKS

Chen MH, Ng S, Tsai MS, Lin CC, Chen PC. Birth Cohort Consortium of Asia (BiCCA): Current children's environmental health issues in Asia and future perspectives. In: Sata F, Fukuoka H, Hanson M, eds. *Pre-emptive Medicine: Public Health Aspects of Developmental Origins of Health and Disease. Current Topics in Environmental Health and Preventive Medicine.* Singapore: Springer Nature Singapore Pte Ltd, 2019.