

Lee Hui-Ling

Associate Professor, Department of Chemistry
E-mail : 076308@mail.fju.edu.tw



Education

Ph.D, Department of Chemistry, Fu Jen Catholic University, R.O.C. 2004
B.S, Department of Chemistry, Kaohsiung Medical College, R.O.C. 1995

Research Interests:

1. Microchip Electrophoresis Application in Biomedical and Environmental Analysis.
2. Electroanalytical Chemistry
3. Liquid Chromatography Mass Spectrometry Application for Small Molecules and Metabolomics.

Selected publication

1. In vivo and in vitro metabolism of tobacco-specific nitrosamine, 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK), by the freshwater planarian, *Dugesia japonica*, *Chemosphere*, 2012, 87, 1341-1347.
2. Carcinogenic potencies of polycyclic aromatic hydrocarbons for back-door neighbors of restaurants with cooking emissions, *Science of the Total Environment*, 2012, 417-418, 68-75.
3. 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone is correlated with 8-hydroxy-2'-deoxyguanosine in humans after exposure to environmental tobacco smoke, *Science of the Total Environment*, 2012, 414, 134-139.
4. Rapid and simple one-step membrane extraction for the determination of 8-hydroxy-2'-deoxyguanosine in human plasma by a combination of on-line solid phase extraction and LC-MS/MS, *Journal of Chromatography B*, 2011, 879, 3538-3543 .
5. Fast quantification of the exhaled breath condensate of oxidative stress 8-iso-prostaglandin F2 α using on-line solid-phase extraction coupled with liquid chromatography/electrospray ionization mass spectrometry, *Talanta*, 2010, 82, 1434-1438 .

Financial support for Ph.D. students

[Stipend]

- 1.National Science Council (NSC) Scholarship for Ph.D : up to NT 12,000/mo
- 2.Ministry of Education Teaching Excellent Project for Ph.D: up to NT 12,000/mo (Teaching assistant, optional)
- 3.Fu Jen Catholic University International PhD student Scholarship: NT 10,000/mo

[Tuition]

- 1.The 1st and 2nd year tuition is waived (around NT 220.000).
- 2.The tuition will be free after the 3rd year of Ph.D program