

2014/15 開放研究基金

No	PI	CO-I	Project Title
1	馬迪龍博士	楊夢甦教授	A DNA-based Luminescent Switch-on Probe for the Selective Detection of Ochratoxin A in Aqueous Solution
2	黃嘉良博士	N/A	Development of a metabolomic and bio-imaging platform for the assessment of neurotoxicity of POPs using zebrafish (<i>Danio rerio</i>) as the model vertebrate
3	陳永康教授	N/A	Coumarin-based ratiometric fluorescent dye for the detection of cysteine in live cells
4	黃陟峰博士	N/A	Enantioselection of Chiral Persistent Organic Pollutants using Chiral Nanoplasmonics
5	黃港住教授	N/A	Effects of Bisphenol A and Phthalate on Estrogen- and Androgen-Signaling Pathways in Fetal Testes, a Study on the Developmental Basis of Reproductive Dysfunction in Adult Offspring.
6	梁士賢博士	N/A	Study of disinfection by-products under drinking water treatment for a new persistent organic pollutant
7	邵國強博士	N/A	Development of electrochemical biosensor for the detection of polybrominated diphenyl ethers based on enzyme inhibition effects
8	楊夢甦教授	馬迪龍博士	A universal microfluidic co-culturing system for cell-cell interaction-based high-content drug screening

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9	梁湛輝博士	N/A	Development and Toxicology Studies of Multi-drug Controlled Release Systems
10	黃維揚教授	何卓琳博士	Phosphorescent Metal Complexes for Carbon Dioxide Gas Sensing
11	湯雷翰教授	李雪飛博士	Modeling and analysis of metabolic pathway regulation based on proteomic and metabolite concentration data