Appendix 1. List of publications in 2016 and impact factors

Direction I Analysis and toxicology research of existing, emerging and potential POPs


and total urinary phthalate metabolite concentrations among pregnant women from the Healthy Baby Cohort (HBC), China. Environment International 88, 67-73.


an epigenetic metabolite to promote lipid synthesis under hypoxia.
Nature Communications, 7.

16. Elva Ngai-Yu Lei, Man-Shan Yau, Chi-Chung Yeung, Margaret B Murphy, Ka-Leung Wong, Michael Hon-Wah Lam. Profiling of selected functional metabolites in the central nervous system of marine medaka (Oryzias melastigma) for environmental neurotoxicological assessments. *Archives of Environmental Contamination and Toxicology*, (2016) 1-12

**Direction II** Establishment of integrated platform of proteomics and metabolomics to study human disease associated with the POPs


**Direction III**  Development and application of new biosensing and bioimaging techniques for research on environmental pollution and human health


of N-acetyl-L-cysteine (NAC)-protected gold nanoparticles via fluorescence resonance energy transfer from NAC-stabilized CdTe quantum dots. Rsc Advances 6, 88042-88049.


and luminescent properties of three-coordinate copper(I) halide complexes containing 2-(diphenylphosphino)biphenyl. Journal of Coordination Chemistry 69, 3692-3702.


Others


