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Education:

- **University of Saskatchewan, Canada 09/2008 – Present**
PhD student in Toxicology Centre
- **City University of Hong Kong, Hong Kong SAR, 09/2005 - 09/2007**
MPhil degree in the Department of Biology and Chemistry
- **City University of Hong Kong, Hong Kong SAR, 09/2002 - 08/2005**
Bachelor of Science in Applied Biology
- **Shanghai Jiaotong University, China, 09/2001 - 08/2002**
Exchanged to CityU

Research Interest & Experience:

- Standardization and refinement of the H295R cell based assay to identify chemical modulators of steroidogenesis and aromatase activity.
- Investigation of the effects of polybrominated diphenyl ethers (PBDEs) and their derivatives on steroidogenesis in the H295R cell line.
- Molecular cloning and characterization of novel hypoxia-responsive genes: *omCITED3a* and *omCITED3b* from *Oryzias melastigma*.
- Internship in Gene Company Ltd. SH. for Affymetrix™ Genechip analysis.

Publications

- Song R, **He Y**, Murphy MB, Yeung LW, Yu RM, Lam MH, Lam PK, Hecker M, Giesy JP, Wu RS, Zhang W, Sheng G, Fu J. Effects of fifteen PBDE metabolites, DE71, DE79 and TBBPA on steroidogenesis in the H295R cell line. *Chemosphere*. 2008 May; 71(10): 1888-1894.
- **He Y**, Murphy MB, Yu RM, Lam MH, Hecker M, Giesy JP, Wu RS, Lam PK. Effects of twenty PBDE metabolites on steroidogenesis in the H295R cell line. *Toxicol Lett*. 2008 Feb; 176(3):230-8.
- Gulkowska A, **He Y**, So MK, Yeung LW, Leung HW, Giesy JP, Lam PK, Martin M, Richardson BJ. The occurrence of selected antibiotics in Hong Kong coastal waters. *Mar Pollut Bull*. 2007 Aug; 54(8):1287-93.
- Ding L, Murphy MB, **He Y**, Xu Y, Yeung LW, Wang J, Zhou B, Lam PK, Wu RS, Giesy JP. Effects of brominated flame retardants and brominated dioxins on steroidogenesis in H295R human adrenocortical carcinoma cell line. *Environ Toxicol Chem*. 2007 Apr; 26(4):764-72.