CURRICULUM VITAE

Name: Benjamin K. Tsang, PhD

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Position: Director, Reproductive Biology Unit
Professor of Obstetrics & Gynecology and Cellular & Molecular Medicine, University of Ottawa
Senior Scientist, Chronic Disease Program, Ottawa Hospital Research Institute
Location: Ottawa, Canada

Education:

PhD:	Pharmacology, University of Ottawa, Canada
Post-Doctoral Studies:	Physiology, Obstetrics and Gynaecology, Western University, Canada

Representative Careers:

- World Class University Professor in Biomodulation, Department of Agricultural Biotechnology, Seoul National University, Republic of Korea
- Honorary Professor, Nanjing Medical University, Nanjing, China
- Honorary Professor, State Key Laboratory in Reproductive Biology, Institute of Zoology, Chinese Academy of Sciences, Beijing, China
- Honorary Professor, Taipei Medical University, Taipei, Taiwan
- Honorary Professor, Jinan University, Guangzhou, China

Specialty & Present Interest:

- Human Ovarian Cancer Biology and Chemoresistance
- Ovarian Follicular Growth and Anovulatory Infertility
- Extracellular vesicles in cell-cell communication

Representative papers (up to 5):

1. Asare-Werehene M, Shieh DB, Song YS and **Tsang BK**. Molecular and cellular basis of chemoresistance in ovarian cancer. In "The Ovary" 3rd Edition by Leung PCK and Adashi EY, Elsevier (Academic Press), 2018
2. Abedini MR, Wang PW, Huang YF, Cao MJ, Chou CY, Shieh DB and **Tsang BK**. Cell Fate Regulation by gelsolin in human gynecologic cancers. Proc. Nat. Acad. Sci. USA 111:14442-14447 (2014).
3. Tsuyoshi H, Wong VKW, Han Y, Orisaka M, Yoshida Y and **Tsang BK**. Saikosaponin-d, a calcium mobilizing agent, sensitizes chemoresistant ovarian cancer cells to cisplatin-induced apoptosis by facilitating mitochondrial fission and G2/M arrest. Oncotarget September 2017
4. Zhang D, Piao HL, Yan-HongLi, Qiu Q, Li DJ, Du MR, **Tsang BK**. Inhibition of AKT sensitizes chemoresistant ovarian cancer cells to cisplatin by abrogating S and G2/M arrest. Exp. Mol. Pathol. 100: 506-513 (2016).
5. Ali A, Kim JY, Xue K, Liu JY and **Tsang BK**. Akt confers cisplatin chemoresistance in human gynecological carcinoma cells by modulating PPM1D stability. Molecular Carcinogenesis 54:1301-1314 (2015).