

CURRICULUM VITAE



Name: Chun Peng

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Position: Professor

Institution: York University

Location: Toronto, Canada

Education:

1993	PhD	University of Alberta, Canada
1986	MSc	Sun Yat-sen University, China
1983	BSc	Sun Yat-sen University, China

Representative Careers:

July/2016-present: Tier 1 York Research Chair in Women's Reproductive Health
July/2007-present: Full Professor, Department of Biology, York University, Toronto, Canada
July/2000-June/2007: Associate Professor (Tenured), Department of Biology, York University
August/1995-June/2000: Assistant Professor, Department of Biology, York University

Specialty & Present Interest:

Research in my lab focuses on how growth factors, hormones, and microRNAs control female reproduction and how their dysregulation contributes to the development of diseases, such as ovarian cancer. We are also interested in developing therapeutics that target ovarian cancer stem cells by inhibiting signaling pathways.

Representative papers (up to 5):

1. Salem M, O'Brien J, Bernaudo S, Shower H, Ye G, Brkic J, Amleh A, Vanderhyden B, Reky B, Yang BB, Krylov S, and Peng C, 2018. MicroRNA-590-3p promotes ovarian cancer growth and metastasis via a novel FOXA2-Versican pathway. *Cancer Res* 78: 4175-4190.
2. Brkic J, Dunk C, Fu G, Nadeem L, O'Brien J, Wang YL, Rosman D, Shynlova O, Yougbaré I, Ni H, Lye S and Peng C, 2018. MicroRNA-218-5p promotes endovascular trophoblast differentiation and spiral artery remodeling. *Mol Ther* 26: 2189-2205.
3. Bernaudo S, Khazai S, Honarparvar E, Kopteva A, Peng C, 2017. Epidermal growth factor promotes cyclin G2 degradation via calpain-mediated proteolysis in gynaecological cancer cells. *PLoS One* 12: e0179906.
4. Bernaudo S, Salem M, Qi X, Zhou W, Zhang C, Yang W, Rosman D, Ye G, Deng Z, Yang BB, Vanderhyden B, Wu Z, and Peng C, 2016. Cyclin G2 inhibits epithelial mesenchymal transition by inhibiting β -catenin signaling. *Oncogene* 35: 4816-4827.
5. Fu G and Peng C, 2011. Nodal Induces FoxO3a Expression and its Synergistic Interaction with Smads to Regulate Cyclin G2 Transcription and Proliferation in Ovarian Cancer Cells. *Oncogene* 30:3953-66.