

CURRICULUM VITAE



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Position: Doctoral Fellow
Institutions: Cellular & Molecular Medicine, University of Ottawa
Chronic Disease Program, Ottawa Hospital Research
Institute (OHRI)
Location: Ottawa, Canada

Education:

PhD: Cellular and Molecular Medicine, University of Ottawa, Canada
MSc: Cancer Immunology and Biotechnology, University of Nottingham, UK
MLS: Laboratory Medicine, Kwame Nkrumah University of Science and
Technology (KNUST), Ghana

Representative Careers:

- Doctoral Fellow: Ottawa Hospital Research Institute (OHRI), Ottawa, Canada
- Doctoral Fellow: University of Ottawa, Ottawa, Canada
- Section Editor: Journal of Medicine, University of Ottawa, Canada.

Specialty & Present Interest:

- Human Ovarian Cancer Biology, Extracellular Vesicles and Chemoresistance
- Cancer Immunotherapy
- Medical Laboratory diagnosis, Pathology and Microbiology

Recent representative papers and conference presentations:

1. **Meshach Asare-Werehene**, Kiran Nakka, Arkadiy Reunov, Chen-Tzu Chiu, Wesker Lee, Mohammad R. Abedini, Pei-Wen Wang, Dar-Bin Shieh, Jeffrey Dilworth, Dylan Burger and Benjamin K Tsang. **The Exosome-Mediated Autocrine and Paracrine Role of Plasma Gelsolin (pGSN) in Ovarian Cancer Chemoresistance.** *Manuscript submitted to Cancer Research*, 2018
2. **Meshach Asare-Werehene**, Laudine Communal, Euridice Carmona, Anne-Marie Mes-Masson, Benjamin K Tsang. **Pre-operative Circulating Plasma Gelsolin Predicts Residual Disease and Detects Stage One Ovarian Cancer.** *Manuscript submitted to Nature Medicine*, 2018
3. **Asare-Werehene M**, Shieh DB, Song YS and Tsang BK. **Molecular and cellular basis of chemoresistance in ovarian cancer.** 2018. In "The Ovary" 3rd Edition by Leung PCK and Adashi EY, Elsevier (Academic Press), Chapter 35, Page 575
4. **Meshach Asare-Werehene**, Wesker Lee, Chen-Tzu Chiu, Mohammad R. Abedini, Pei-Wen Wang, Euridice Carmona, Dylan Burger, Dar-Bin Shieh, Anne-Marie Mes-Masson and Benjamin K Tsang. 51st Annual Meeting, Society for the Study of Reproduction (SSR), New Orleans, USA. **The Exosome-Mediated Role of Plasma Gelsolin (pGSN) in Immune Cell Regulation in Ovarian Cancer Chemoresistance.**
5. **Asare-Werehene M**, Abedini MR, Burger D, Tsang BK. The 4th Annual Meeting of the International Ovarian Cancer Consortium on Tumor Microenvironment and Drug Discovery, Seoul National University Hospital Biomedical Research Institute, Republic of Korea, 2017. **Gelsolin as prognostic marker in chemoresistant ovarian cancer, 2017.**