

**presents the seminar series in Cancer Biology,
Biotherapy and Nanomedicine**
**“Cell-cell communication in the tumor
microenvironment”**

Prof. Alice Wong
Faculty of Science
School of Biological Sciences
The University of Hong Kong

Date : 23 November 2018

Time : 11:30 am - 1:00 pm

Venue : B5-211, 5/F Yeung Kin Man Academic Building

Abstract

Despite aggressive treatment, the survival of ovarian cancer patients remains relatively unchanged in the past several decades. Thus, there is a great need for new conceptual as well as practical approaches to elucidate the biology of this disease and discover novel therapeutic agents. Unlike most solid tumors, ovarian cancer rarely disseminates via the vasculature but has a high propensity to metastasize to the peritoneum. This unique mechanism of dissemination also poses distinct therapeutic challenges, in which current therapies are not effective (5-year survival <25%). One of the hallmarks is the dynamic changes in cell-cell adhesion. Current efforts in our laboratory are aimed at exploiting new insights into the mechanisms of ovarian cancer metastasis through understanding the unique cell adhesion profile in ovarian cancer and its relationship to the tumor microenvironment, such as roles of extracellular vesicles, mechanical stimuli and others. We believe that further studies in this direction will lead to novel therapeutic strategies.

About the Speaker

Prof. Wong is Professor in School of Biological Sciences at the University of Hong Kong. She is distinguished for her research in signal transduction and tumorigenesis, with special focus on cell adhesion dynamics pertinent to cancer development and metastasis. She has received numerous awards including the Women in Cancer Research - Brigid G. Leventhal Scholar Award, the Bristol-Myers Squibb Oncology Young Investigator Scholar Award, the HKU Outstanding Young Researcher Award, and the Croucher Senior Research Fellowship.

Enquiries:

Dr Rebecca Chin (3442-6743, rebecca.chin@cityu.edu.hk)

Ms Irene Wong (3442-4707, irene.wong@cityu.edu.hk)

All are welcome !