



香 港 大 學

THE UNIVERSITY OF HONG KONG

**Professor Annie CHEUNG**

**Laurence L T Hou Professor in Anatomical Molecular Pathology**

**Clinical Professor at the Department of Pathology, Li Ka Shing Faculty of Medicine**

**The University of Hong Kong**

### **Biography**

Professor Annie Cheung is Laurence L T Hou Professor in Anatomical Molecular Pathology and Clinical Professor in the Department of Pathology, Li Ka Shing Faculty of Medicine, The University of Hong Kong. Professor Cheung graduated with MBBS from the University of Hong Kong and obtained a Doctor of Medicine and Doctor of Philosophy. She also received specialist fellowships at the Royal College of Pathologists (UK) and the Hong Kong College of Pathologists.



Professor Cheung is devoted to women health and gynaecological disease research. She is active in investigating oncogenic signal pathways and stem cell transcription factors in ovarian and endometrial cancers as well as gestational trophoblastic disease (GTD). Her research team is one of the first in the world to demonstrate the significance of genetic alterations in GTD. Professor Cheung also contributed to research on early detection of cervical cancers by biomarkers.

In Hong Kong, ovarian cancer is the most lethal gynaecological cancer. The high mortality of ovarian cancer is due to the difficulty of early detection and frequent development of chemoresistance and recurrence. Professor Cheung and her research team are particularly interested in NANOG which is an important transcription factor that is crucial for maintaining embryonic stem cell self-renewal and pluripotency. Her team has reported that NANOG expression was significantly associated with metastasis, chemoresistance and was an independent prognostic factor for overall and disease-free survival in association with in vitro demonstration of cancer cell aggressiveness. Professor Cheung aims at investigating the role of NANOG in cancer stem cell biology and metabolism as basis to combat against chemoresistance and enhance survival of ovarian cancer patients.

Professor Cheung is prolific in publications, with a total of more than 250 publications including WHO book chapters and high impact journals. Her research is supported by competitive research grants. Professor Cheung is active in education and research of gynaecological pathology and has been visiting professors and consultants for prestigious institutes overseas and in Mainland China.

### **Awards and Scholarships**

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| 2014      | Croucher Senior Medical Research Fellowship, The Croucher Foundation                                    |
| 2014      | Laurence L T Hou Professor in Anatomical Molecular Pathology,<br>The University of Hong Kong            |
| 2013- now | Regional Director for Asia,<br>World Association of Societies of Pathology & Laboratory Medicine Bureau |
| 2013-now  | President, Hong Kong College of Pathologists  |

2011-now	Council Member, International Federation of Cervical Pathology and Colposcopy
2011-2012	Outstanding Research Student Supervisor Award, The University of Hong Kong
2006	Award for Innovative Excellence in Teaching, Learning & Technology , 17 <sup>th</sup> International Conference on College Teaching and Learning
2005-2008	President, Hong Kong Society of Colposcopy and Cervical Pathology
2005	University Teaching Fellow (Outstanding Teaching Award), The University of Hong Kong
1999	Sir Patrick Manson Gold Medal for Outstanding M.D. thesis