



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

COLLEGE OF PROFESSIONAL AND
CONTINUING EDUCATION
專業及持續教育學院

School of Professional Education
and Executive Development
專業進修學院

SPEED

Centre for
Ageing and
Healthcare
Management
Research
老齡化和醫療管理研究中心

Centre for Ageing and Healthcare Management Research Methodology Workshop

Methods in cancer therapeutic development

Date : 10 August 2020 (Monday)
Time : 2:30 pm to 4:30 pm
Mode of Presentation : Online (Microsoft Teams) *updated on 14 July 2020*
Language : English



Online Registration

All are
welcome!

Abstract:

Cancer is one of the leading causes of death in the world. Scientists are putting tremendous effort to translate the sciences from laboratory bench to bedside. This workshop will discuss various approaches in therapeutic development to treat cancer. Biochemical and molecular biology approaches to determine the gene function will be discussed, such as overexpression, knockdown and pull down experiments, etc. In addition, analysis of the data will be highlighted. Development of the high throughput drug screening system (HTS), using MCF7aro/ERE system as an example, will be presented. Lastly, new development of the radiosensitizer as a radiation therapy adjuvant will be discussed.

Speaker: Dr. LUI, Anthony Ki
Lecturer,
Division of Science, Engineering and Health Studies,
College of Professional and Continuing Education,
The Hong Kong Polytechnic University



Dr Lui graduated from The Chinese University of Hong Kong (CUHK) with a Bachelor of Science in Biochemistry, and a Master of Philosophy in Anatomy. After that, he obtained his PhD in Pharmacology at The State University of New York (Syracuse). Then, he took his post-doctoral training in the Department of Pharmacology and Cancer Biology at Duke University (North Carolina, USA). Dr Lui's research focus is on cancer research, particularly cell signaling and therapeutic development. Since 2003, Dr Lui has published 14 manuscripts in peer-reviewed scientific journals and a number of manuscripts are under preparation and revision.

Moderator: Dr. FONG, Ben Yuk Fai
Associate Division Head,
Division of Science, Engineering and Health Studies,
College of Professional and Continuing Education,
and Director, CAHMR, SPEED
The Hong Kong Polytechnic University



Kindly make the reservation at <https://bit.ly/37WbcpX> on or before **7 August 2020 (Friday)**

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