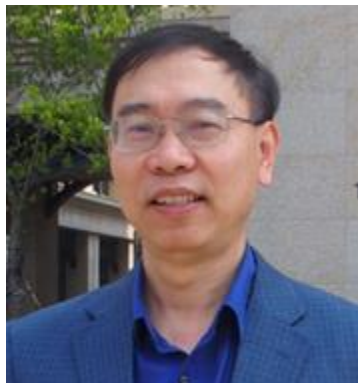


SEMINAR ANNOUNCEMENT

We would like to invite you to attend this seminar hosted by Prof Vinay Tergaonkar:

Date: Monday, 13 January 2020
Time: 11:00AM – 12:00NN
Venue: Level 3, IMCB Seminar Room 3-46, Proteos, Biopolis

From breast cancer associated gene 1 to precision oncology



Prof Deng Chuxia

*Chair Professor and Dean, Faculty
of Health Sciences,
University of Macau*

Abstract

During the past 20 years, Deng lab has been studying the breast cancer associated gene 1 (BRCA1) in mouse models for human breast cancer. Germline mutations of BRCA1 have been found in approximately 30% of familial breast cancer cases and the majority of combined familial breast and ovary cancers. Recently Dr. Deng relocated to Macau where he has been conducting precision oncology to identify cancer-driven mutations, and conduct in-depth understanding of the major types, incidence, molecular characteristics, and cancer-driven mutations of these cancers.

We have now established a variety of technologies such as DNA sequencing, gene transcriptomics, proteomics, epigenetics, metabolomics, bioinformatics analysis, and in vivo and in vitro model experimental platforms. We conducted genomics and drug susceptibility tests on some tumors in order to identify targeted high-effective drugs for these cancers. The information obtained will be handed over to doctors in partner hospitals to assist them in formulating tailor-made personalized treatment plans. Our long-term goal is to establish an effective anti-cancer treatment system through cooperation with Macao and its neighboring hospitals, and to contribute to the extension of the healthy life of the people of Macau and nearby areas.

ALL ARE WELCOME (No registration required)

We appreciate if you could disseminate this email to your staff.

For upcoming seminars in IMCB, please visit our website at <https://www.a-star.edu.sg/imcb>

Thank you.