THE UNIVERSITY   OF HONG KONG

WORKSHOP ON COMPUTATIONAL, MODELING AND STATISTICAL PROBLEMS IN CANCER RESEARCH

December 16, 2011, 2:00 – 5:00pm
T7, Meng Wah Complex, HKU

Sponsored by Institute of Mathematical Research and

Department of Statistics & Actuarial Science

The purpose of this workshop is to provide a tutorial for mathematical and statistical methods in cancer biology and therapeutics, and to review some recent developments.

2:00 – 2:50	**Alice Wong**, Associate Professor in the School of Biological Sciences, and Associate Member of Centre for Cancer Research, HKU *Introduction to cancer biology and transformation-related signaling pathways in cancer*
3:00 – 3:50	**Guosheng Yin**, Associate Professor in the Department of Statistics & Actuarial Science, and Associate Member of Centre for Cancer Research, HKU *Early-phase oncology trials: Overview and Bayesian designs*
3:50 – 4:10	**Tea Break**
4:10 – 5:00	**Tze Leung Lai**, Professor of Statistics, and Co-director of Biostatistics Core at Stanford Cancer Institute, Stanford University *Phase 1,2 and 3 trials in drug development and innovative phase 2-3 designs in cancer trials*