

For favour of posting

DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE
THE UNIVERSITY OF HONG KONG

Seminar

Professor Hiroyuki UESAKA

The Advanced Center for Medical Engineering and Informatics
Osaka University
Japan

will give a talk

entitled

**DESIGN AND ANALYSIS OF DOSE-RESPONSE TRIALS
IN CLINICAL DEVELOPMENT OF A NEW DRUG**

Abstract

In a clinical development of a new drug, after evaluating safety of the candidate treatment in healthy volunteers, the safety and efficacy of the product is evaluated in patients. The first step is to estimate maximum safety dose in patients as well as and roughly estimate maximum and minimum effective doses. The second step is to evaluate the existence of dose-response relationship and estimate appropriate clinical doses, which are tested by confirmatory trials.

I will give an overview of objectives of trials in the first and second steps, and discuss trial designs and statistical inference procedures, with examples.

on

Friday, March 25, 2011

10:30 a.m. – 11:30 a.m.

at

**Room 501, Meng Wah Complex
(behind the Chong Yuet Ming Amenities Centre)**

Visitors Please Note that the University has limited parking space. If you are driving please call the Department at 2859 2466 for parking arrangement.

All interested are welcome