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***Presentation***

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**Design and Analysis of Group Sequential Trials:  
Recent Advances**

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**Abstract:** Group sequential designs that have provisions for data monitoring and interim analyses are now widely used in clinical trials.

The past decade witnessed important methodological advances in the design of group sequential clinical trials and in the primary and secondary analyses of the data following a group sequential trial. The workshop will give an introduction to these advances. It also provides an overview of related chapters in the monograph *Sequential Experimentation in Clinical Trials: Design and Analysis*, by Jay Bartroff, Tze Leung Lai and Mei-Chiung Shih, Springer, 2012.

Content of the workshop:

- Overview of sequential testing

- Group sequential design of phase II and III trials
- Time-sequential design of clinical trials with failure time endpoints
- Statistical inference following a group sequential trial
  - Adaptive designs

9-12 Friday, April 12th 2012  
LEPH Room 115  
60 College Street

Light Breakfast will be served

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