

Schedule for the Croucher Advanced Study Institute
'Structure-based screening and design of ligands for protein targets'

December 14 (Monday)

10:00 am – 4:00 pm Registration and setting up of posters

Venue: 1/Fl., Teaching Complex at Western Campus (TCW), The Chinese University of Hong Kong (CUHK)

2:00 pm Workshop conducted by Brian Shoichet, John Irwin, Mike Keiser

Venue: **103**, Pi Ch'iu Building, CUHK

Coordinators: S.Au, Jacky Ngo, Terrence Lau and Kenneth Leung

December 15 (Tuesday)

Venues:

Lectures: LT3 (U/G), TCW, CUHK

Registration and Coffee/Tea: 1/Fl., TCW

8:30 am Registration

9:00 – 9:30 am Opening ceremony

9:30 -10:30 am "Structural Biology, Informatics and Fragment-Based Approaches to Lead Discovery"
T. Blundell, Department of Biochemistry, University of Cambridge, Cambridge

Chair: K.B. Wong

10:30 – 11:15 am Coffee break

11:15 – 12:30 pm "New Ligands for Old Targets and New Targets for Old Drugs"
Brian Shoichet, University of California, San Francisco, California

Chair: K.H. Sze

2:00 – ~ 6:00 pm Workshop conducted by Brian Shoichet, John Irwin, Mike Keiser

Venue: 103, Pi Ch'iu Building

December 16 (Wednesday)

Venues:

Lectures: LT3 (U/G), TCW, CUHK

Registration and Coffee/Tea: 1/Fl., TCW

9:15 -10:15 am "Drug Design Driven by Computational Biophysics and Chemistry"
Prof. Weiliang Zhu, Shanghai Institute of Materia Medica, Shanghai

Chair: G. Zhu

10:15 -11:00 am Coffee and poster session 1

11:00 - 11:45 am "Automated Docking Screens: A Feasibility Study"
John Irwin, University of California, San Francisco, California

11:45 am-12:30 pm "Predicting Drug Off-Targets"
Mike Keiser, University of California, San Francisco, California

Chair: M. Waye

2:00 - ~ 6:00 pm Workshop conducted by Brian Shoichet, John Irwin, Mike Keiser

Venue: 103, Pi Ch'iu Building

December 17 (Thursday)

Venues:

Lectures: LT3 (U/G), TCW, CUHK

Registration and Coffee: 1/Fl., TCW

9:15 -10:15am "Challenges and Opportunities for Computational Docking in Structure based Drug Design"
Arthur Olson, The Scripps Research Institute, California

Chair: R. Wong

10:15 – 11:00am Coffee and poster session 2

11:00 am -12 noon "The Structure-based Screening and Verification of Novel Cdc25 Phosphatase Inhibitors"
Seong Eon Ryu, Hanyang University, Seoul

12 noon - 12:45 pm "Application of High Throughput Crystallography in Drug Discovery : Fragment-based Screening"
Cheng Yang, Rigaku Americas Corporation, Texas

Chair: K.W. Tsui

2:00 - ~6:00 pm Workshop conducted by Brian Shoichet, John Irwin, Mike Keiser
Venue: 103, Pi Ch'iu Building

December 18 (Friday)

Venues:

Lectures: LT3 (U/G), TCW, CUHK

Registration and Coffee: 1/Fl., TCW

9:15 – 10:15 am "Past, Present and Future of Structure-Based Design"
Irwin Kuntz, University of California, San Francisco, California

Chair: P.C. Shaw

10:15 -11:00 am "Looking for Chemical Diversity: Drug Design and Natural
Compounds"
Stefano Forli, The Scripps Research Institute, California

11:00 – 11:30 am Coffee

11:45 am – ~ 6:00 pm Workshop conducted by Arthur Olson and Stefano Forli
Venue: 103, Pi Ch'iu Building

Coordinators: S.Au, Jacky Ngo, Terrence Lau and Kenneth Leung

December 19 (Saturday)

Venue: **102**, Pi Ch'iu Building

Coffee: same venue

9:30 – late afternoon Workshop conducted by Arthur Olson and Stefano Forli
Venue: **102**, Pi Ch'iu Bldg

Updated on 4 Dec 2009