



SINGAPORE-MIT ALLIANCE FOR RESEARCH AND TECHNOLOGY CENTRE
1 CREATE Way, #10-01 CREATE Tower, Singapore 138602
Tel: +65 6516-8603 Fax: +65 6778-5654

BIO SYSTEMS AND MICROMECHANICS
An Interdisciplinary Research Group (BioSyM-IRG)
3 Science Drive 2, S16-07, Singapore 117543

2012 BioSyM SCIENTIFIC ADVISORY BOARD REVIEW & RETREAT

Scientific Advisory Board Participants:

- Bob Nerem** (Chair): Georgia Institute of Technology, Institute Professor of Biomedical Engineering
Luke Lee: University of California at Berkeley, Professor of Bioengineering
Peter Hunter: University of Auckland, Professor of Bioengineering
Janie Fouke: Nanyang Technological University, Dean, College of Engineering
Stephen Smith: Vice President (Research) NTU; Dean, Lee Kong Chian School of Medicine
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NOTE:

- All SAB Review events occur at the Education Resource Center (ERC) on the CREATE/UTown campus of the National University of Singapore (NUS), unless otherwise noted.
- ERC Auditorium lobby where breakfasts, tea breaks, and lunches occur is covered outdoor patio, not air-conditioned. All other events are air-conditioned.
- RSVP/Questions: krystyn@mit.edu (BioSyM Lead PI); bala@smart.mit.edu (BioSyM Program Manager)

Day 1 (Monday, 6 August 2012)

Ngee Ann Kongxi Auditorium, Education Resource Center, CREATE/UTown, NUS, ([Map & Directions](#))

- 9:00am **LIGHT BREAKFAST (Auditorium Lobby)**
- 9:30am WELCOME & BIOSYM OVERVIEW (Krystyn Van Vliet and Bob Nerem)
10:00am AGENDA OVERVIEW and CREATE UPDATE (Bala Narayanan)
10:20am THRUST REVIEWS [45 min + 15 min discussion with SAB, each]
 Thrust 1 Update (Matt Lang, Qinghua Xu; Xinghua Zhang)
- 11:20am **TEA/COFFEE BREAK**
- 11:40am Thrust 2 Update (Jay Han; Jacky Lee)
- 12:40pm **LUNCH (Auditorium Lobby)**
- 1:30pm Thrust 3 Update Harry Asada; Researcher TBD
2:30pm Thrust 4 Update (Peter So, Paul Matsudaira; Vijay Singh)
- 3:30pm **TEA BREAK**
- 3:45pm RESEARCHER RAPID-FIRE PRESENTATIONS
Each researcher presents 1 slide/2 min as advertisement for poster
- 5:00pm COCKTAIL HOUR & POSTER CONTEST (arranged by Thrusts 1-4)
- 7:00pm DINNER with SAB MEMBERS, FACULTY, and ALL RESEARCHERS
Best Project Talk award & Poster Contest winners announcement and prize distribution

Day 2 (Tuesday, 7 August 2012)

Ngee Ann Kongxi Auditorium, Education Resource Center, CREATE/UTown, NUS, ([Map & Directions](#))

- 8:30am **LIGHT BREAKFAST (Auditorium Lobby)**
- 9:00am Translation Updates (Intro: CT Lim)
AIM BioTECH (Roger Kamm), Clearbridge (CT Lim), SMART Innovation (Brian W.P. Keng),
and Ignition Proposal (Zhiyong Poon)
- 10:20am CROSS-THRUST INITIATIVE [CTI] OVERVIEWS (25 min + 5 min discussion, each)
CTI A: Biofilm Ecomechanics (Krystyn Van Vliet)
- 10:50am **TEA BREAK**
- 11:10am CTI B: Stem & Progenitor Cell Optimization (Linda Griffith)
11:40am CTI C: Anti-Metastatic Cancer Maintenance (Roger Kamm, Hanry Yu)
- 12:10pm **LUNCH (Auditorium Lobby)**
-SAB Report Discussion & Planning (Seminar Room 1, Education Resource Center)
-Faculty PI Discussion (Auditorium, Education Resource Center)
- 2:00pm OPEN DISCUSSION with SAB (*All faculty & researchers expected to participate*)
2:30pm CLOSING REMARKS (Krystyn Van Vliet and Bob Nerem)
2:40pm MEETING ADJOURNS; Private session with SAB and Lead PI

