



Singapore-MIT Alliance for Research and Technology



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

BIOSYSTEMS AND MICROMECHANICS

An Interdisciplinary Research Group (BioSyM-IRG)

1, CREATE WAY, #04-13/14, Enterprise Wing, Singapore 138602

2017 BioSyM ANNUAL WORKSHOP

Scientific Advisory Board Participants:

Peter HUNTER (CHAIR): University of Auckland, Professor of Bioengineering

James BEST: Dean of LKC School of Medicine, NTU

James GOH: Department Head, Biomedical Engineering, NUS and Director

Luke LEE: University of California at Berkeley, Professor of Bioengineering

Viola VOGEL: ETH Zurich, Head, Laboratory of Applied Mechanobiology

NOTE:

- All events are at the **CREATE THEATRE Level 2, CREATE TOWER, 1, CREATE WAY, Singapore 138602**
- RSVP/Questions: krystyn@mit.edu (BioSyM Lead PI); bala@smart.mit.edu (BioSyM Program Manager)

Day 1 (Friday, 13 January 2017)

08:30 am LIGHT BREAKFAST

09:00 am WELCOME & BioSyM OVERVIEW (Krystyn Van Vliet)

CROSS-THRUST INITIATIVE [CTI] OVERVIEWS

09:30 am CTI C: Anti-Metastatic Cancer Maintenance: *Andrea Pavesi (20 min) & Kuan (10 min)*

10:00 am CTI B: Stem & Progenitor Cell Isolation: *Yin Lu (15 min) + Zhiyong Poon (20 min)*

10:35 am **TEA/COFFEE BREAK**

11:00 am CTI C: Biofilm Ecomechanics: *Binu Kundukad (20 min)*

TECHNOLOGY THRUST UPDATES

11:20 am Molecular-Scale Tools Update (Thrust 1): *Xiaogang Liu [20 min]*

11:40 am Multifunctional Cytometry Update (Thrust 2): *Bee Luan Khoo [20 min]*

12:00 pm **LUNCH BREAK**

02:00 pm *In-vitro* Cell Systems Update (Thrust 3): *Giulia Adriani [20 min]*

02:20 pm *In-vivo* Systems Update (Thrust 4): *Dipanjan Bhattacharya [20 min]*

02:40 pm RAPID FIRE PRESENTATIONS (excluding above speakers)

03:45 pm **TEA/COFFEE BREAK**

04:00 pm POSTER SESSION I (even-numbered poster presentations)



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- 04:45 pm POSTER SESSION II (odd-numbered poster presentations)
- 05:30 pm Day 1 Wrap-up: Krystyn Van Vliet
- 06:00 pm Depart for All-BioSyM Team Dinner; *Bus Transport arranged to depart from CREATE*

Day 2 (Saturday, 14 January 2016)

- 08:30 am LIGHT BREAKFAST
- 09:00 am Beyond BioSym-2: discussion
- 12:00 pm **LUNCH**
- 1:00 pm **End of Program**