



Singapore-MIT Alliance for Research and Technology



What can computation do for biological studies?

Focused Seminar Series on Computational Techniques

15 Feb — 11 Apr 2016, Level 5 Seminar Room, Enterprise Wing @ UTown, S'138602

4pm, 15 Feb 2016, Monday

Prof. Mu Yuguang (NTU)

Seminar 1: Reduce False Positive through Multiple Conformations Docking

4pm, 22 Feb 2016, Monday

Prof. Lu Lanyuan (NTU)

Seminar 2: Coarse-gained Molecular Modelling: Theory and Applications in Biology

4pm, 29 Feb 2016, Monday

Dr. Dai Liang (SMART)

Seminar 3: Computer Simulations of Biomolecules and Their Interactions

4pm, 7 Mar 2016, Monday

Dr. Liu Xiaogang (SMART)

Seminar 4: Molecular Design of Spectral Properties in Organic Fluorophores

4pm, 14 Mar 2016, Monday

Prof. Lisa Tucker-Kellogg (NUS)

Seminar 5: Title to be confirmed. Topic: ODE modelling of signalling pathways

4pm, 21 Mar 2016, Monday

Dr. Zhang Zhengyun (SMART)

Seminar 6: Title to be confirmed. Topic: computational imaging

4pm, 28 Mar 2016, Monday

Dr. Sudipta Samantha (SMART)

Seminar 7: Mechanotransduction through Force-Modulated Ligand Binding Affinity

4pm, 4 Apr 2016, Monday

Dr. Chandra Verma (A*STAR)

Seminar 8: Title to be confirmed. Topic: structural/functional dynamics of biological molecules

4pm, 11 Apr 2016, Monday

Dr. Sharon Ong (SMART)

Seminar 9: Title to be confirmed. Topic: machine learning