

Thursday, December 9 2010

Workshop 1:

Venue: HG01, Ho Yin Convention Centre, University of Macau

Chair: Prof. Yangmin Li, University of Macau, Macau

9:30-10:00 Talk 1

Topic: Counter regulatory mechanisms in Hypertension: a TRP to find hope?

Donna Wang, Professor, Michigan State University, USA

10:00-10:30 Talk 2

Topic: Robotics Manipulation of Cells for Biomechanical Characterization

Dong Sun, Professor, City University of Hongkong, Hongkong

10:30-10:45 Tea Break

10:45-11:15 Talk 3

Topic: In-Vitro Quantitative Mechanical Mapping of Biomolecules and Cells by Atomic Force Microscope

Chanmin Su, Ph.D., Bruker Nano, Inc., USA

11:15-11:45 Talk 4

Topic: Using Nanorobot to Study the Molecular Mechanism of Clinical Difference in Lymphoma Targeting Therapy

Lianqing Liu, Associate Professor, Chinese Academy of Science, China

11:45-12:15 Talk 5

Topic: Towards Digital-Force-Field-Assisted Endocytosis of Fluorescent Nanoparticles

Wen J. Li, Professor, Chinese University of Hongkong, Hong Kong

12:15-13:45 Lunch

Workshop 2:

Venue: HG01, Ho Yin Convention Centre, University of Macau

Chair: Prof. Dong Sun, Professor, City University of Hongkong, Hongkong

14:15-14:45 Talk 6

Topic: Nanoparticles and Self-Assembled Nanocomposites for Biomedical Sensing and Therapy

Jin-Woo Kim, Associate Professor, University of Arkansas, USA

14:45-15:15 Talk 7

Topic: Nanotechnology for Cancer Therapy

Vladimir P. Zharov, Professor, University of Arkansas, USA

15:15-15:45 Talk 8

Topic: Design of Nano and Micro Parallel Manipulators

Feng Gao, Professor, Shanghai Jiaotong University, China

15:45-16:00 Tea Break

16:00-16:30 Talk 9

Topic: Label-free Optical Biosensors for Drug Discovery: Past, Present and Future

Ye Fang, Ph.D., Senior Research Manager, Corning Incorporated, USA

16:30-17:00 Talk 10

Topic: Towards Molecule Detection and Injection by Nanoplumbing

Lixin Dong, Assistant Professor, Michigan State University, USA

17:00-17:15 Closing ceremony