

2010 IEEE International Conference on Nano/Molecular  
Medicine and Engineering  
*Post-conference Workshop*



December 8-9, 2010

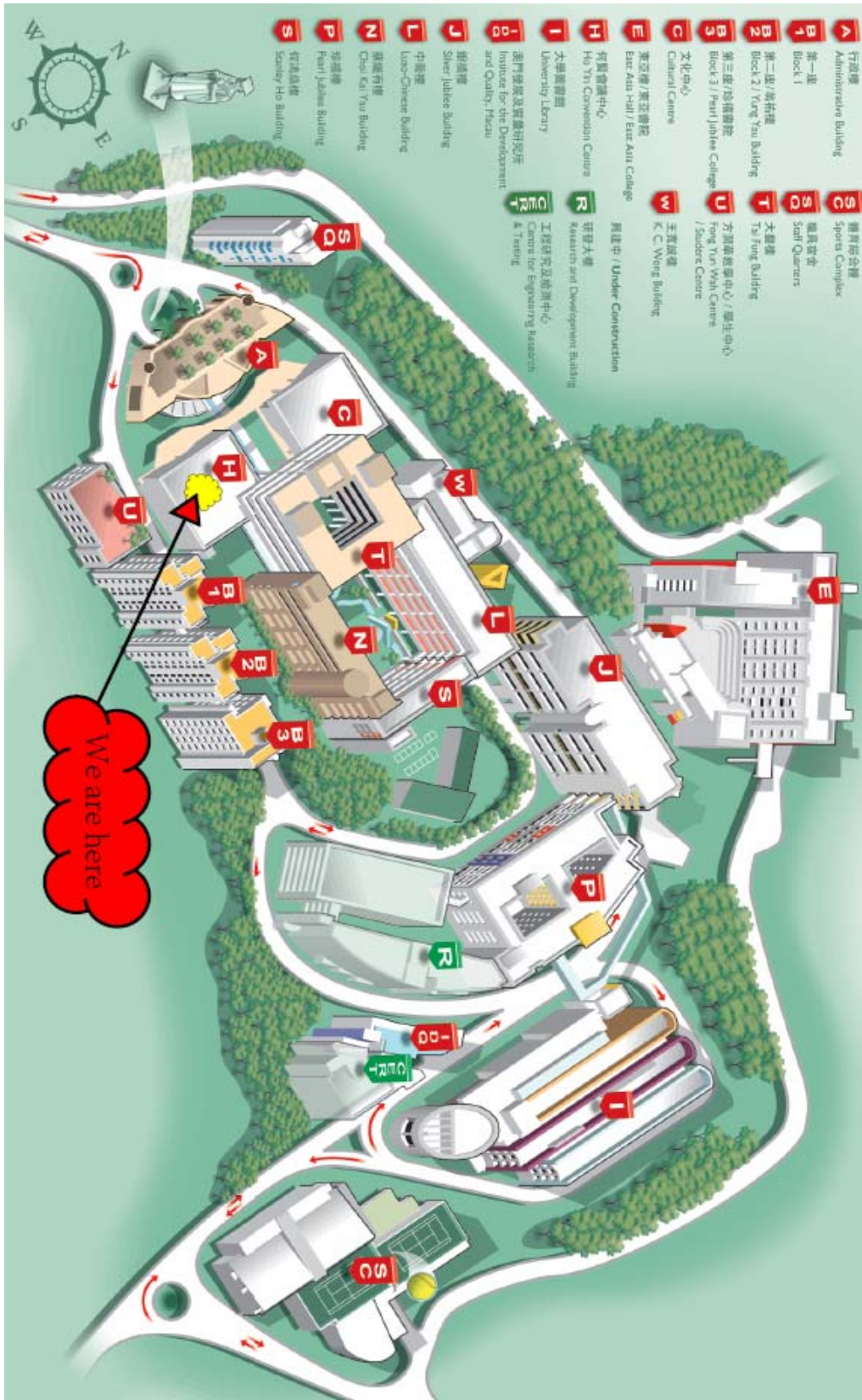
Ho Yin Convention Centre of University of Macau

Macau, China

## Where's our university in the map of Macau?



Where's our workshop venue in the map of university?



## Workshop Timetable

<b>Reception &amp; Registration</b>	<b>December 8, Wednesday, University of Macau</b>		
	16:00–16:30	<b>Bus from HK/Macau Ferry Terminal (港澳碼頭) to University of Macau</b>	
		<b>Registration (Ho Yin Convention Centre, University of Macau)</b>	
	16:30–17:30	<b>Regency Hotel Check-in (麗景灣酒店)</b>	
	18:00–20:00	<b>Welcome Dinner at Kapok Cantonese Restaurant (by invitation) (六棉酒家)</b>	
	<b>December 9, Thursday, Ho Yin Convention Centre(何賢中心), HG01, University of Macau</b>		
<b>Opening Ceremony &amp; Workshop 1 Chair: Prof. Yangmin Li</b>	8:45–9:15	<b>Morning Reception</b>	
	9:15–9:20	<b>Opening Ceremony (Ho Yin Convention Centre, HG01 )</b>	
		<b>Opening Address</b>	
	9:20–9:30	<b>C. L. Philip Chen, Chair Professor, University of Macau, Macau</b>	
	9:30–10:00	<b>Talk 1: Counter regulatory mechanisms in Hypertension: a TRP to find hope?</b> Donna Wang, Professor, Michigan State University, USA	
	10:00–10:30	<b>Talk 2: Robotics manipulation of stem cells for biomechanical characterization</b> Dong Sun, Professor, City University of Hongkong, Hongkong	
	10:30–10:45	<b>Tea Break</b>	
	10:45–11:15	<b>Talk 3: In-Vitro Quantitative Mechanical Mapping of Biomolecules and Cells by Atomic Force Microscope</b> Chanmin Su, Ph.D., Bruker Nano, Inc., USA	
	11:15–11:45	<b>Talk 4: Using Nanorobot to Study the Molecular Mechanism of Clinical Difference in Lymphoma Targeting Therapy</b> Lianqing Liu, Associate Professor, Chinese Academy of Science, China	
	11:45–12:15	<b>Talk 5: Towards Digital-Force-Field-Assisted Endocytosis of Fluorescent Nanoparticles</b> Wen J. Li, Professor, Chinese University of Hongkong, Hong Kong	
	12:15–13:45	<b>Lunch (Location:Ocean Club Coffee House海洋花園俱樂部)</b>	
	<b>Workshop 2 Chair: Prof. Dong Sun</b>	14:15–14:45	<b>Talk 6: Nanoparticles and Self-Assembled Nanocomposites for Biomedical Sensing and Therapy</b> Jin-Woo Kim, Associate Professor, University of Arkansas, USA
		14:45–15:15	<b>Talk 7: Nanotechnology for Cancer Therapy</b> Vladimir P. Zharov, Professor, University of Arkansas, USA
15:15–15:45		<b>Talk 8: Design of Nano and Micro Parallel Manipulators</b> Feng Gao, Professor, Shanghai Jiaotong University, China	
15:45–16:00		<b>Tea Break</b>	
16:00–16:30		<b>Talk 9: Label-free Optical Biosensors for Drug Discovery: Past, Present and Future</b> Ye Fang, Ph.D., Senior Research Manager, Corning Incorporated, USA	
16:30–17:00		<b>Talk 10: Towards Molecule Detection and Injection by Nanoplumbing</b> Lixin Dong, Assistant Professor, Michigan State University, USA	
17:00–17:15		<b>Closing Ceremony</b>	
18:00–20:00	<b>Workshop dinner at Dumbo Restaurant(by invitation) (小飛象葡國餐廳)</b>		

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**



## Bus Timetable for Workshop

December 8, Wednesday, University of Macau	
16:00	Bus from HK/Macau Ferry Terminal (港澳碼頭) to University of Macau
17:00	Bus from University of Macau to Regency Hotel(麗景灣酒店)
18:00	Five minutes walk from Regency Hotel to Kapok Cantonese Restaurant(六棉酒家)
December 9, Thursday, University of Macau	
9:00	Bus from Regency Hotel to HoYin Convention Centre(何賢中心), University of Macau
12:15	Bus from HoYin Convention Centre to Ocean Club Coffee House(海洋花園俱樂部)
13:45	Bus from Ocean Club Coffee House to HoYin Convention Centre
17:15	Bus from HoYin Convention Centre to Regency Hotel
18:00	Bus from Regency Hotel to Dumbo Restaurant(小飛象葡國餐廳)
20:00	Bus from Dumbo Restaurant to Regency Hotel

Remark:

HoYin Convention Centre-----何賢中心  
 Regency Hotel-----麗景灣酒店  
 Kapok Cantonese Restaurant----六棉酒家  
 Ocean Club Coffee House-----海洋花園俱樂部  
 Dumbo Restaurant-----小飛象葡國餐廳

## Useful Information:

### Transportation:

Macau/Hongkong Ferry Terminal → Regency Hotel or New Century Hotel

*If you miss our reception bus, you can take free hotel shuttle bus to Regency or New Century Hotel, since two hotels are very closed. Taking a taxi is also a convenient way to the hotel. (About MOP 50)*

Regency Hotel → Library of University of Macau

*Just walk ten minutes as directed.*

### Contact information of the restaurants:

Regency Hotel (麗景灣酒店) ----- TEL: (853)-2883 1234

Kapok Cantonese Restaurante (六棉酒家) ----- TEL: (853)-2883 3333

Ocean Club Coffee House (海洋花園俱樂部) ---- TEL: (853)-2881 2666

Dumbo Restaurante (小飛象葡國餐廳) ----- TEL: (853)-2882 7888

### Wireless Network:

Be available in the workshop venue with the temporary accounts as:

**User ID:** guest179

**Password:** kzqd3994

**Expired Date:** 11/12/2010

### Emergency Contact:

Prof. Yangmin Li,

Office telephone: (853)-83974462

Cell phone: (853)-62122532

### Friendly Reminder:

For any emergency when you encounter in Macau, please dial the number

of “999” to ask the help.



## **Useful links:**

### **Weather:**

<http://www.smg.gov.mo>

<http://www.hko.gov.hk/contentc.htm>

### **Hong Kong International Airport:**

<http://www.hongkongairport.com>

### **Macau International Airport:**

<http://www.macau-airport.gov.mo/en/index.php>

### **Turbojets:**

<http://www.turbojetseexpress.com.hk/eng/home/index.html>

[http://www.turbojetseexpress.com.hk/e/transfer\\_desk.asp](http://www.turbojetseexpress.com.hk/e/transfer_desk.asp)

### **Macau Map:**

<http://www.macautourism.gov.mo/macau-map>

<http://worldatlas.com/webimage/countrys/asia/mo.htm>

<http://maps.google.com/>

[http://www.umac.mo/about\\_campus\\_map.html](http://www.umac.mo/about_campus_map.html)

Welcome to Macau again