



# 8<sup>th</sup> U.S.A.-Korea Joint Symposium

20 (Wed) – 22 (Fri) October 2010



## **MEMS and Bioengineering**

### Welcome Reception (20 October 2010)

400 Cory Hall, UC Berkeley

18:00 ~ **Welcome Reception**

### Technical Program (21 October 2010)

3110 Etcheverry Hall, UC Berkeley

- 11:30 ~ 11:35 **Welcome Address and Opening**  
*Albert P. Pisano* (University of California at Berkeley)
- 11:35 ~ 12:05 **Intraocular Pressure Measurement Devices using Micro Reflected Air Pressure Sensor for Pre-diagnosis of Glaucoma**  
*Prof. Young Ho Seo* (Kangwon National University)
- 12:05 ~ 12:35 **Cytosolic measurements in heterogeneous cell populations**  
*Dr. Frans A. Kuypers* (Children's Hospital Oakland Research Institute)
- 12:35 ~ 13:05 **Tumor Spheroid Formation and *in-vivo-like* Perfusion Culture Chips**  
*Dr. Il Doh* (Korea Advanced Institute of Science and Technology)
- 13:05 ~ 13:35 **Realizing High Throughput Proteomics through Multi-stage Microfluidic Separations**  
*Prof. Amy E. Herr* (University of California at Berkeley)
- 13:35 ~ 13:40 **Joint Activity Progress and Perspective**  
*Young-Ho Cho* (Korea Advanced Institute of Science and Technology)
- 18:00 ~ 21:00 Banquet – Faculty Club

### Field Trip (22 October 2010)

- 09:00 ~ 10:30 Berkeley NanoLab (UC Berkeley)  
10:30 ~ 12:00 Children's Hospital Oakland Research Institute (CHORI)