



NATEA - SILICON VALLEY

July 2007 BioTech Seminar

- TOPIC:** Technologies and Opportunities from Taiwan for the Point-of-Care Medical Diagnostic/Monitoring Devices
- DATE:** Friday, July 20, 2007
- TIME:** 6:30 PM ~ 9:00PM
- LOCATION:** ITRI International Conference Room
2870 Zanker Rd, #140,
San Jose, CA 95134
- REGISTRATION:** Free for NATEA members & ITRI Guests,
\$5 for non-members
Dinner will be served by reservation
- Host** NATEA BioTech and ITRI International

Abstract

Most updated technologies in Point-of-care Medical Diagnostic/Monitoring Devices will be presented from ITRI, medical device center, NTU, and NSC in Taiwan. "Vertically Aligned Nanowire Devices as Biosensors and Electrical Neural Interfaces" presented by Dr. Jun Li from Center for Nanotechnology, NASA Ames Research Center will introduce nanotechnology linked to application in medical device. The panelists will discuss Taiwan technology expertise and global market needs to formulate a strategy for innovation technology and products development. Three areas will be covered as:

1. Medical device development, nanotechnology applications
2. Medical home - including home medical device (e.g. glucose, blood pressure, pO₂, ECG...etc testing) and wireless transmission platforms
3. Personal medical devices - wearable and implantable devices

Panelists

1. Dr. Lin, Yu-Juan,

ITRI, Director, Advanced Technology, Medical Device Center Overview and current projects, updates from ITRI, Medical Device Center

2. Dr. Wendy Hsiao,

NTU Nanotechnology/Applied bioscience Represent NSC Medical Home Project

3. Dr. Pauline Lau

Leads home project looking into Taiwan technology expertise and global market needs, discussion on the home medical device and treatment option projects in Taiwan.

4. Dr. Jun Li, Group Lead – Nanobiotechnology, NASA Ames Research Center.

Ph. D., Chemistry, '95, Princeton University. Postdoctoral research associate, Department of Chemistry, Cornell University, 1994-1997. Dr. Jun Li worked for Molecular Imaging Co. from 1997 to 1998 and the Institute of Materials Research and Engineering (Singapore) from 1998 to 2000. He joined NASA Ames Research Center in 2000 and has since been working on integrating nanomaterials into functional electronic and biomedical devices. He is currently the group lead of the nanobiosensor project with the Center for Nanotechnology at NASA Ames. Dr. Li has published over 70 peer-reviewed technical papers and filed over 10 patents. His research work in nanotechnology has been highlighted in over 30 public news reports in the last few years. Dr. Li received the first annual Nano50 Award under Innovator category in 2005.