

## *Symposium on Biosensor Technologies & Microbial Diagnostics*

**Purpose:** Experts from CDC, JIFSAN, CFSAN, University of Maryland, University of Kansas, Ben-Gurion University Israel, University of Washington, and Intrinsic Bioprobes of Tempe, Arizona will discuss biosensors and the Immunoreaction and DNA based methods of detecting microbial foodborne pathogens.

This is a free symposium sponsored by CDC/NIOSH, JIFSAN, the University of Maryland's Department of Mechanical Engineering, and FDA's CFSAN Staff College.

**Date:** October 7, 2002

**Time:** 11:00 AM – 4:40 PM

**Location:** Harvey Wiley Federal Building Auditorium in College Park, MD.

### **Schedule:**

11:00 AM	Check-In	
11:20 AM	Opening Remarks, Director of CFSAN	J.A. Levitt, FDA/CFSAN
11:25 AM	Overview of Microbial Foodborne Pathogens	A.J. Miller, FDA/JIFSAN
11:40 AM	CDC/NIOSH's View of Microbial Detection	J.E. Snawder, CDC/NIOSH
11:55 AM	Engineering of Bio-MEMS Systems	A. Bar-Cohen, UMD/ME
12:10 PM	What are Biosensors?	A. Rasooly, FDA/CFSAN

### **Immunoreaction base methods:**

#### ***Label-based methods:***

12:25 PM	Fluorescence Labeled Biosensors	R. Marks, Ben-Gurion Univ.
12:55 PM	Multi-analyte Array Sensors	F. Liger, Naval Research Lab
1:25 PM	Electrochemical Sensor	G.S. Wilson, Univ. of Kansas
1:55	Lunch	

#### ***Label-free methods:***

2:40 PM	Surface Plasmon Resonance (SPR)	J. Homonla, Univ. of Washington
3:10 PM	SPR-Mass Spectrometry	D. Nedelkov, Intrinsic Bioprobes

#### ***DNA based methods:***

3:40 PM	PCR	K.A. Lampel, FDA/CFSAN
4:10 PM	DNA Microarray Analysis	V.E. Chizhikov, FDA/CBER
4:40 PM	Mixer	

**Registration:** Symposium registration is being coordinated through Dr. Avraham Rasooly at: [avraham.rasooly@cfsan.fda.gov](mailto:avraham.rasooly@cfsan.fda.gov)

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Name on Tag: \_\_\_\_\_

Address: \_\_\_\_\_

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Food Preference: Vegetarian, Kosher, Other: \_\_\_\_\_