

HIGH-THROUGHPUT METHODS FOR DETECTING FOODBORNE PATHOGENS

A Hands-on Laboratory Workshop



The Eighth Annual FDA - York College Workshop

May 6-8, 2009

*The U.S. Food and Drug Administration
Northeast Regional Laboratory, New York City*



Greater Jamaica
Development
Corporation

HIGH-THROUGHPUT METHODS FOR DETECTING FOODBORNE PATHOGENS



PRESENTED AT THE FDA NORTHEAST REGIONAL LABORATORY
IN NEW YORK CITY
MAY 6-8, 2009

Foodborne illness continues to be a public health hazard despite intensive efforts by governmental and commercial bodies. Control of the food supply can be improved by high-throughput screening of foods for common pathogens. This three-day professional workshop features in-depth presentations and hands-on

sessions covering regulatory and laboratory approaches. Experts from government, academia and industry will review the scientific and analytical bases for successful use of high-throughput methods.

This workshop is sponsored by the U.S. Food and Drug Administration, the Centers for Disease Control and Prevention, the U.S. Department of Agriculture, AOAC International, York College of the City University of New York and the Greater Jamaica Development Corporation.

Wednesday, May 6, 2009

- **KEYNOTE: FDA FOOD SAFETY POLICY AND ACTIVITIES**
Dr. David Acheson, Assistant Commissioner for Food Protection, FDA Office of the Commissioner (*invited*)
- **IMPACT, VALIDATION AND REGULATORY IMPLICATION OF RAPID METHODS**
Dr. Peter Feng, Research Microbiologist, FDA Center for Food Safety and Applied Nutrition (CFSAN)
- **ARE ALL ENTEROHEMORRHAGIC *E. COLI* 0157:H7 THE SAME?**
Dr. Peter Feng
- **OVERVIEW OF REAL-TIME PCR DETECTION STRATEGIES IN FOOD TESTING: ASSAY DESIGN, IMPLEMENTATION AND TECHNICAL CHALLENGES**
Dr. Ken Yoshitomi, Research Microbiologist, FDA Pacific Regional Laboratory Southwest
- **LABORATORY SESSION: HIGH-THROUGHPUT METHODS FOR PATHOGEN DETECTION**

Thursday, May 7, 2009

- **THE AOAC INTERNATIONAL RAPID METHODS VALIDATION PROCESS**
Mr. Darryl Sullivan, President, AOAC International and Senior Manager of Food and Drug Analysis, Covance Laboratories
- **NOROVIRUSES: FROM UNKNOWN ETIOLOGY TO MAJOR PATHOGEN IN OUR FOOD; ROLE OF BETTER DIAGNOSTICS**
Dr. Jan Vinje, Head, National Calicivirus Laboratory, Centers for Disease Control and Prevention
- **SAMPLING, SCREENING AND IDENTIFICATION OF LISTERIA MONOCYTOGENES**
Jeremy Adler, Center for Meat Safety and Quality, Department of Animal Sciences, Colorado State University
- **ENTEROTOXINS**
Mr. Timothy Hawryluk, Microbiologist, FDA Northeast Regional Laboratory
- **LABORATORY SESSION: HIGH-THROUGHPUT METHODS FOR PATHOGEN DETECTION**

Friday, May 8, 2009

- **FDA USE OF PULSENET IN TRACKING DISEASE OUTBREAKS**
Ms. Christine Keys, FDA Center for Food Safety and Nutrition
- **SALMONELLA**
Speaker TBA, U.S. Department of Agriculture
- **LABORATORY SESSION: HIGH-THROUGHPUT METHODS FOR PATHOGEN DETECTION**
- **WRAP-UP SESSION**
- **TOUR OF THE FDA NORTHEAST REGIONAL LABORATORY**

About this Workshop



FDA oversees the safety of seafood. Samples of seafood from all over the world are tested in FDA laboratories.

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Who should attend?

This is a professional workshop designed for attendees who have a minimum of one year of experience working in a microbiology laboratory, preferably one that is involved in the analysis of food. It is suitable for microbiologists, food technologists, laboratory supervisors, QA/QC personnel and representatives of companies or laboratories engaged in the manufacturing, processing or testing of foods and beverages for human consumption.

Course fee

Early bird pricing of \$600 is available through February 28, 2009.

The regular fee of \$800 applies to all registrations submitted on March 1, 2009 or later.

The fee includes continental breakfast, breaks, lunch, course notes and all materials.

Early registration is recommended as class size is limited.

Workshop location

FDA Northeast Regional Laboratory, 158-15 Liberty Avenue, Jamaica, NY 11433

Other information

Registrants will receive written confirmation and information on course location, transportation and hotels.

Registration

HIGH-THROUGHPUT METHODS FOR DETECTING FOODBORNE PATHOGENS

Dr. Mr. Ms. _____
First name Last name

Title/Position _____

Organization _____

Street Address _____

City _____ State _____ Zip _____

Country _____

Telephone _____ Fax _____

E-mail _____

How did you hear about this workshop? _____

Enclosed is my payment of \$ _____ (\$600 until Feb. 28, \$800 on or after Mar. 1)

Payment by:

_____ U.S. bank check or international money order made payable to York College

_____ Visa _____ MasterCard _____ American Express

Card # _____ Exp. Date _____

Print name of cardholder _____

Signature _____

FOUR WAYS TO REGISTER

1. On-line at our website: www.yorkfdaworkshops.org
2. Call us: 718-262-2790
3. Fax the completed registration form: 718-262-2570
4. Mail the completed registration form with payment to:

Ms. Cynthia Murphy

Adult Continuing Education

York College

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