



10th CSL/JIFSAN Joint Symposium



on

Methods and Systems for Tracking, Tracing and Verifying Foods



13-15 May 2009

Venue: Greenbelt Marriott Hotel, Greenbelt, Maryland, USA

This is the tenth in a series of annual symposia on food safety and applied nutrition jointly organized by the Central Science Laboratory (CSL), United Kingdom, and the Joint Institute for Food Safety and Applied Nutrition (JIFSAN), University of Maryland, College Park, Maryland USA. Each year a different theme is selected.

The focus of the 2009 Annual CSL/JIFSAN Joint Symposium will be on tracking, tracing and verifying food throughout the supply chain. The meeting will provide an overview of advances in research related to tracking, tracing and verifying foods and ingredients and tools for the electronic exchange of product information within the food supply chain. Invited speakers will be drawn from regulatory agencies, public interest groups, universities and research institutions in Europe and North America. Additionally, speakers involved with the **EU TRACE Project – www.trace.eu.org** – will participate. **Contributed poster presentations are invited.** Symposium sessions will include discussions on advances in analytical technologies to characterize the origin of a food products; application of technologies for tracking food through the supply chain; IT tools for electronic exchange of information; and barriers to adopting these technologies.

Program Topics Include:

<p>Session 1: The Global Food Supply</p> <ul style="list-style-type: none"> • Tracing the Origin of Food – An International Perspective • Improving Decision Making Capabilities for Food Defense and Agriculture Protection • Interrelationship between Epidemiology and Traceability • Source Investigations – The Follow-up to Tracebacks from Food borne Outbreaks 	<p>Session 3: Other Traceability and Tracking Tools</p> <ul style="list-style-type: none"> • Tracking Technologies (e.g., GPS; RFID) • Geochemical Modeling • Chain Information Management Systems (TraceCore XML) • Pulsenet Network • Computer Based Tracking Protocols: Improving Communication between Databases
<p>Session 2: Laboratory Tools</p> <ul style="list-style-type: none"> • The Use of Stable Isotope Analysis for Verifying ‘Origin’ of Food (Isotope Ratios for O, N, H etc, but also Trace Element Profile and ‘Heavy’ Isotopes such as Sr) • Mass Spectrometry • Spectroscopic Fingerprinting • Molecular Sub-typing of Bacteria Pathogens (PFGE, MLST, etc.) • DNA Barcoding (Species Identification) • Proteomics (Species Identification) 	<p>Session 4: Issues and Future Needs</p> <ul style="list-style-type: none"> • Bulk Material Tracing Needs • Product Tracking Systems for Fresh Produce • Traceability Systems for Foods an Industry Perspective • Traceability Systems for Foods a Consumer Perspective • Drivers for Implementation of Traceability in the Food Sector

For additional information and registration, go to: www.jifsan.umd.edu/csl2009.htm