

Rapid Detection Tools

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Why?

- Rapid detection
 - During the formative stages of an outbreak
 - For food and environmental samples
- Identify the problems faster
- Eliminate negatives faster
- Public health gains
 - Better protection
 - Great availability of products not implicated in an outbreak



Detection Challenges

- Outbreak situations
 - Various types of samples (Human, food, environmental, animal)
- Routine situations
 - During inspections
- Speed
- Ease of use in the field
- Meet regulatory requirements

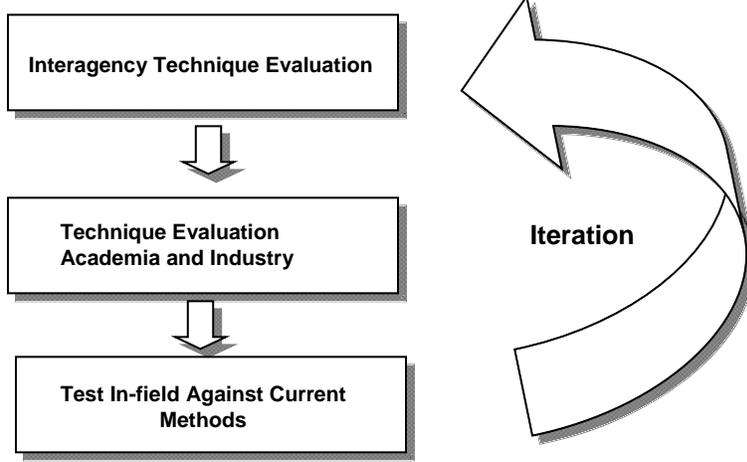


Process

- Identify participants
 - FDA, CDC, USDA, DHS, DARPA
- Hold introductory meeting to frame the issues and agree on the approach
 - January 30th, 2009



Approach



Next Steps

- Meeting of subject matter experts from different Agencies
 - March 2009
- Workshop to solicit outside input (academia, industry, state/locals)
 - Spring/Summer 2009
- Evaluation and field testing of selected methods
 - Summer 2009

