

FDA 2014 Food Safety Challenge

ABOUT THE CHALLENGE

While the American food supply is among the safest in the world, the Centers for Disease Control and Prevention (CDC) estimates that 1 in 6 Americans are sickened by foodborne illness annually, causing about 3,000 deaths and costing an estimated \$77 billion in healthcare spending and lost productivity each year. Regulators face a daunting task – leveraging limited resources to ensure the safety of a vast domestic and imported food supply that moves through an incredibly complex food production system.

As such, the FDA invites scientists, academics, entrepreneurs, and innovators from all disciplines to submit concepts applying advanced methodologies to foster revolutionary improvements in foodborne pathogen detection. **Specifically, submissions should apply cutting-edge techniques to achieve significant improvements in the speed of the FDA's detection methods for *Salmonella* in produce**

Additional Background Reading

1 in 6 Americans are sickened by foodborne illness annually. Read more on foodborne pathogens at <http://staging.foodsafetychallenge.com/about/fdabackground/>

80% of America's domestic and imported food supply falls under FDA's regulation. Read more on the FDA at <http://staging.foodsafetychallenge.com/about/fdabackground/>

Metagenomics, Nanotechnology & Revolutionary Materials. Cutting-edge approaches could transform food testing. Read more on testing technology at <http://staging.foodsafetychallenge.com/about/testingtech/>