3rd Annual Foods and Veterinary Medicine Science and Research Conference Submission Receipt

Abstract Info

1. **Abstract Title:** Detection and functionality of CdtB toxin in Salmonella enterica serovar Javiana isolated from food and clinical samples

2. **Abstract Category:** Foodborne Pathogens

3. **Upload Abstract:** 35-ce87efe30705a0e9a2b8300fcc187faf_FDA Food and Vet med 2013 Ezat & Khan.doc

4. **Keywords** (minimum of 3):
   Salmonella, Cytolethal distending toxin, deletion mutants

5. **Brief descriptive paragraph of the relevance to FDAs mission and how the research will be used to impact public and/or animal health (50 word maximum):**
   The objective of this project is characterize cytolethal distending toxin (CDT) is a virulence factor from non-Typhoidal Salmonella strains. The biology of intracellular pathogens and the development of in-vitro assays will aid in further monitoring of these virulence genes by regulatory agencies in routine surveillance of Salmonella

6. **Do you have a CARTS number:** No / CARTS #:

Author 1 Info:

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7e. **Supervisor’s Approval:** Yes

7f. **Supervisor’s Name:** Carl Cerniglia