

Special Call for Proposals: 2016
Variety Meat Microbiological and Residue Study of Products for Human Consumption in Export Markets

The purpose of the research requested here is to determine current microbiological and chemical residue status of pork offal products destined for export to allow for establishment of a baseline industry benchmark related to safety and quality.

Request:

NPB is requesting proposals for a comprehensive microbiological and residue survey of pork offal products, including but not limited to hearts, livers, lungs, kidneys, brains and intestines.

Microbiological evaluation should focus on:

- Salmonella
- Yersinia
- Toxoplasma
- Total Plate Count
- Aerobic Plate Counts

Researchers should include a detailed description of:

- Sampling scheme
- Methodology for measuring bacteria

Residue depletion analysis should focus on:

- Ractopamine
- Tetracycline

Researchers should include a detailed description of:

- Levels of ractopamine and tetracycline in the feed/water
- Duration of ractopamine and tetracycline pigs are fed
- Withdrawal period of ractopamine and tetracycline
- Analysis of the feed/water and environmental samples for ractopamine and tetracycline
- Methodology for measuring ractopamine and tetracycline

Preference will be given to projects that involve academic and commercial collaboration. Researchers can propose work as independent consultants or as part of a university.