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A-RFBP-Antimicrobial resistance among diverse zoonotic foodborne pathogens

Antimicrobial resistance among diverse zoonotic foodborne pathogens (A-RAFBP): The management and treatment of diverse potentially life-threatening infections is usually hampered by the rise in antimicrobial resistant pathogens. Antibiotic resistance among common foodborne pathogens has been reported in different geographical areas. Antimicrobial resistance among bacteria recovered from meat and meat products is often associated with the indiscriminate use of antibiotics during production of food animals for either prophylaxis, accelerating growth or for treatment. The aim of this presentation is to i. Discuss the findings on antimicrobial resistance among *Listeria monocytogenes*, *Salmonella* and *Escherichia coli* O157 and non-O157 E. coli that were isolated from meat and meat products from South Africa and from 3 major ports of entry; ii To compare the antimicrobial resistance profiles of *Listeria monocytogenes*, *Salmonella* and *Escherichia coli* O157 and non-O157 E. coli isolated from meat in other geographical areas; and iii. To discuss existing gaps and potential direction for future research.

Biography

Evelyn Madoroba completed PhD in Microbiology from the University of Pretoria and postdoctoral studies from Tshwane University of Technology. She also holds an MSc in Biotechnology and Masters in Business Leadership. She is a Senior Research Scientist and Project Manager of Bacterial Diseases at the Agricultural Research Council-Onderstepoort Veterinary Research. She has published more than 20 papers in reputed journals and has been serving as a supervisor/ co-supervisor of postgraduate students and a reviewer of peer-review articles.

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