

PUBLIC HEALTHWORKER SAFETY

Title: MRSA resistance to thermal processes commonly used with pork and pork products. -
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Scientific Abstract: Methicillin-resistant *Staphylococcus aureus*, also known as MRSA, is a variant strain of *S. aureus*, a gram positive cocci that is commonly found in the nasal passage, mucous membranes and on the skin of humans. MRSA is resistant to antibiotic therapies, which can include methicillin (no longer used in human medicine), penicillin, tetracycline and amoxicillin, commonly administered to treat *S. aureus* infections. MRSA strains that are resistant to three or more antibiotics are said to be multi-drug resistant and tend to be more virulent in nature than their methicillin sensitive (MSSA) relative.

These research results were submitted in fulfillment of checkoff-funded research projects. This report is published directly as submitted by the project's principal investigator. This report has not been peer-reviewed.

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