



2017-094: Development of a novel vaccine for protection against Mycoplasma bovis infections in feedlot cattle

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Mycoplasma bovis is a pathogen causing respiratory disease and arthritis, among other problems. It is increasingly recognized as having an important impact on the health, welfare, and productivity of dairy and beef cattle. M. bovis diseases can be difficult to diagnose and control because of inconsistent disease expression and response to treatments and vaccines. Dr. Perez-Casal will test novel vaccine candidates against an M. Bovis challenge. This approach has already been successful in Sub-Saharan Africa against Contagious Bovine Pleuropneumonia.