

Project Summary

Increasing Australia's preparedness for vvlBDV

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CSIRO
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Summary

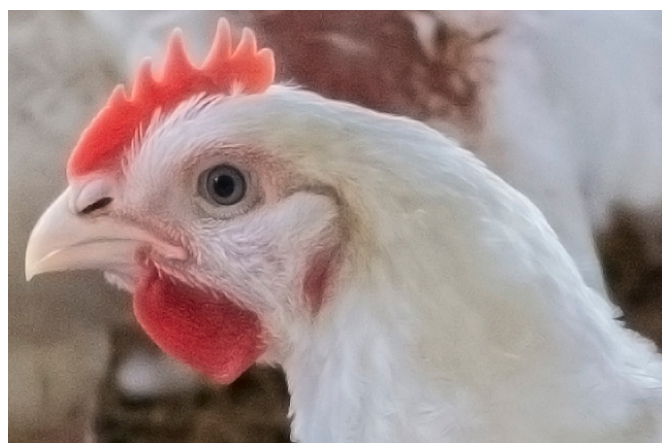
Australia's geographic isolation and strict import biosecurity requirements prevent several diseases that impact poultry industries internationally, such as very virulent Infectious Bursal Disease Virus (vvlBDV), to remain non-existent in Australian poultry. Incursion of vvlBDV strains pose a serious threat to the Australian Poultry Industry, and although work since the 1990s has confirmed that IBDV strains circulating in Australian poultry are distinct from exotic strains detected internationally, there is a need for the Australian industry to be prepared to act swiftly to eradicate any exotic IBDV strains if incursion does occur.

Previous data on Australian IBDV strains suggests that current biosecurity measures may be inadequate to limit the spread of exotic IBDV among Australian poultry. Through industry consultation, consolidation of historical data, and sample collection and analysis, this project is designed to understand methods that the Australian Poultry Industry can implement to be better prepared to respond to an incursion of vvlBDV, with swift containment and eradication.

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Related research

- PRJ-008715: Surveillance and pathotyping of Australian IBDV
- PRJ-004075: Surveillance and pathotyping of circulating IBDV strains
- PRJ-000699: Improved control measures for infectious bursal disease virus (IBDV)
- PRJ-000698: Characterisation and modulation of virulence of endemic IBDV strains using



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