

# Investigating and developing interventions to mitigate food borne parasitic disease in production animals in Lao PDR



## Key details

### Location

Lao PDR

### Duration

Start Nov 2020

End Dec 2024

### Budget

AUD 1,600,000

### Commissioned organisation

Murdoch University

### Partners

National University of Laos; Ministry of Health  
Laos

### Project Leader

Dr Amanda Ash

### ACIAR Research Program Manager

Dr Anna Okello

### Program

Livestock Systems

### Project code

LS/2014/055

## Overview

This project aims to simultaneously improve human health and livestock productivity through reduced transmission of *Taenia solium* between livestock and smallholder farmers.

This will be achieved by implementing and evaluating joint human-animal intervention strategies which provide best practice for mitigating transmission, leading to reduced parasitic disease in people and their pigs and an increase in production animal related income.

## Expected project outcomes

- Developing criteria for identifying high risk villages for Food Borne Parasitic Disease (FBPD) involving production animals in northern Laos.
- Implementing and evaluating appropriate joint human and animal interventions to reduce disease transmission between livestock and small holder farmer communities.
- Assess the cost-effectiveness of a joint human-animal approach to the control of FBPD.
- Validate current diagnostic techniques for targeting FBPD in low middle income countries.

