

QUARTERLY PROGRESS SUMMARY: JULY – SEPTEMBER 2015

New Dairy Products and Value Chains (Whai Hua)

Summary of progress during the quarter

- This quarter predominantly involved planning and preparation for the work that will be undertaken in a very busy second quarter.
- Preparation for the first *Citrobacteria* mouse trial was completed and the experiment commenced on 2 October. It will establish a dose rate function for the target products and compare efficacy against comparable commercial products.
- Immunisation of cows in the spring 2015 trial has been completed. To date, 70% of the cows have calved, with milk samples being collected at days 2, 5, 14 and 28. Milk and colostrum samples have been skimmed and frozen for future processing.
- Considerable effort has gone into planning the commercial scale validation of new processing specifications that is scheduled for November.
- Two companies have shown interest in co-development and willingness to commit to commercialisation depending on the outcomes of the pending production trials in November.

Key highlights and achievements

- The immunisation of cows proceeded without any reaction concerns and early indications are that there are positive specific antibody responses.

Upcoming activities

- The first *Citrobacteria* mouse trial will be completed and results from the immunisation trial will be available.
- Validation of the processing specifications will be completed at commercial scale.

Investment

Investment period	Industry contribution	MPI contribution	Total investment
During this Quarter	\$15k	\$15k	\$30k
Programme To Date	\$1,352k	\$1,352k	\$2,704k