

QUARTERLY PROGRESS SUMMARY: OCTOBER – DECEMBER 2015

Summary of progress during the quarter

- Three efficacy papers have been prepared, reviewed and are ready for submission to science journals. One further animal model experiment has been completed to determine the target products efficacy towards a Citrobacteria pathogen.
- Vaccination of cows with two antigens was successfully completed and partial immune responses were measured in milk. It appears that the adjuvant being used is only stimulating a weak response. Test samples have been prepared for Tokyo University.
- Modification of the processing plant to retain activity of the target compounds continue. At this stage the results for Skim Milk Powder are unsatisfactory. The concentration of target compounds has also been profiled through the processing of Whey Protein Concentrate.
- Understanding the market for products that support the immune system continues and potential customers are being identified.

Key highlights and achievements

- The efficacy of the target compound is better understood and the ensuing science papers will be valuable in marketing activities.
- Vaccination of cows resulted in specific immune responses, but it is clear that the adjuvant being used is not providing sufficient immune response.

Upcoming activities

- Processing specifications will be validated and commercial test samples produced.
- Marketing plans will be developed for targeted engagement during Q4

Investment

Investment period	Industry contribution	MPI contribution	Total investment
During this Quarter	\$141k	\$141k	\$282K
Programme To Date	\$1,493k	\$1,493k	\$2,986k