

# Project Summary

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## Next generation probiotics to enhance the gut health of chickens

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### Summary

Probiotics are live bacteria that are considered beneficial for digestive function and are used to support the health and productivity of poultry. Although products are considered effective in most cases, they were developed before the variability of the chicken gut was better understood. Probiotics are not able to colonise and live in the chicken gut effectively and need to be administered regularly, which is costly and inefficient. The objective of this project is to identify and develop probiotic strains of bacteria that can reliably colonise and thrive within the gut of chickens. This will create cheaper and easier applications of probiotics to poultry flocks.

Bacteria from the gut of healthy chickens will be discovered and enhanced with advanced screening methods using next-generation technology, to build a collection of potential new probiotic strains of bacteria.



### Contact

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