PROCHICK, A COLLABORATION TO FIND NEW PROBIOTIC STRAINS FOR CHICKEN HEALTH

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This project was a success because it gave access to a large variety of commensals strains, including potential probiotic candidates. Moreover we managed to validate a first proof of concept in 18 months, as initially planned.

- Identification and selection of existing or new strains of probiotics for chicken growth / health improvements during the first week after birth.
- *In vitro* characterization of the newly identified strains and clinical Proof of Concept (POC) in chickens.

Synopsis of PROCHICK
A new approach to design a probiotic live product to improve chicken health.

- Gut microbiota sampling
- *In-silico* design
- Strain isolation and cultivation
- Zootechnical trial
- *In vitro* immune profiling
- Probiotic POC

18 MONTHS