



9 Farm Innovation

Powerpoint - Improving udder quality traits in sows to aid survival, health and lifetime performance of piglets by FarmAntibiotics.org

in **Significant Impact Group(s)**: Breeding for disease resistance or robustness ; Feed / gut health

Species targeted: Pigs;
Age: Young;Adult;

Summary: Improving udder quality traits in sows to aid survival, health and lifetime performance of piglets:

This powerpoint presentations discusses of 5 experiments in sows and piglets.

Topics are:

- 1) Udder morphology: Define udder conformation traits measurable in a reliable way
- 2) Udder morphology variation: Define udder conformation traits measurable in a reliable way
- 3) On-farm colostrum IgG methodology: Evaluation of Brix refractometer to assess colostrum quality
- 4) Variation of litter performance: the effect of maternal and birth characteristics on litter weight and serum IgG at 24h
- 5) Relationship between piglets and udder traits

The presentation ends with:

- Study in progress (which focusses on udder conformation changes in consecutive parities of the sow)
- Industry focus
 - o Breeding company's should be allowed to take udder conformation and colostrum quality into account
 - o Increase number of weaned piglets by selection on better nursing capacity and improving colostrum accessibility and quality

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Where to find the original material: (in English)

<https://farmantibiotics.org/wp-content/uploads/2018/01/Improving-udder-quality-traits-in-sows-to-aid-survival-health-and-lifetime-performance-of-piglets.pdf>;

Country: UK