



Replacing in-feed Antimicrobials for Pigs and Poultry

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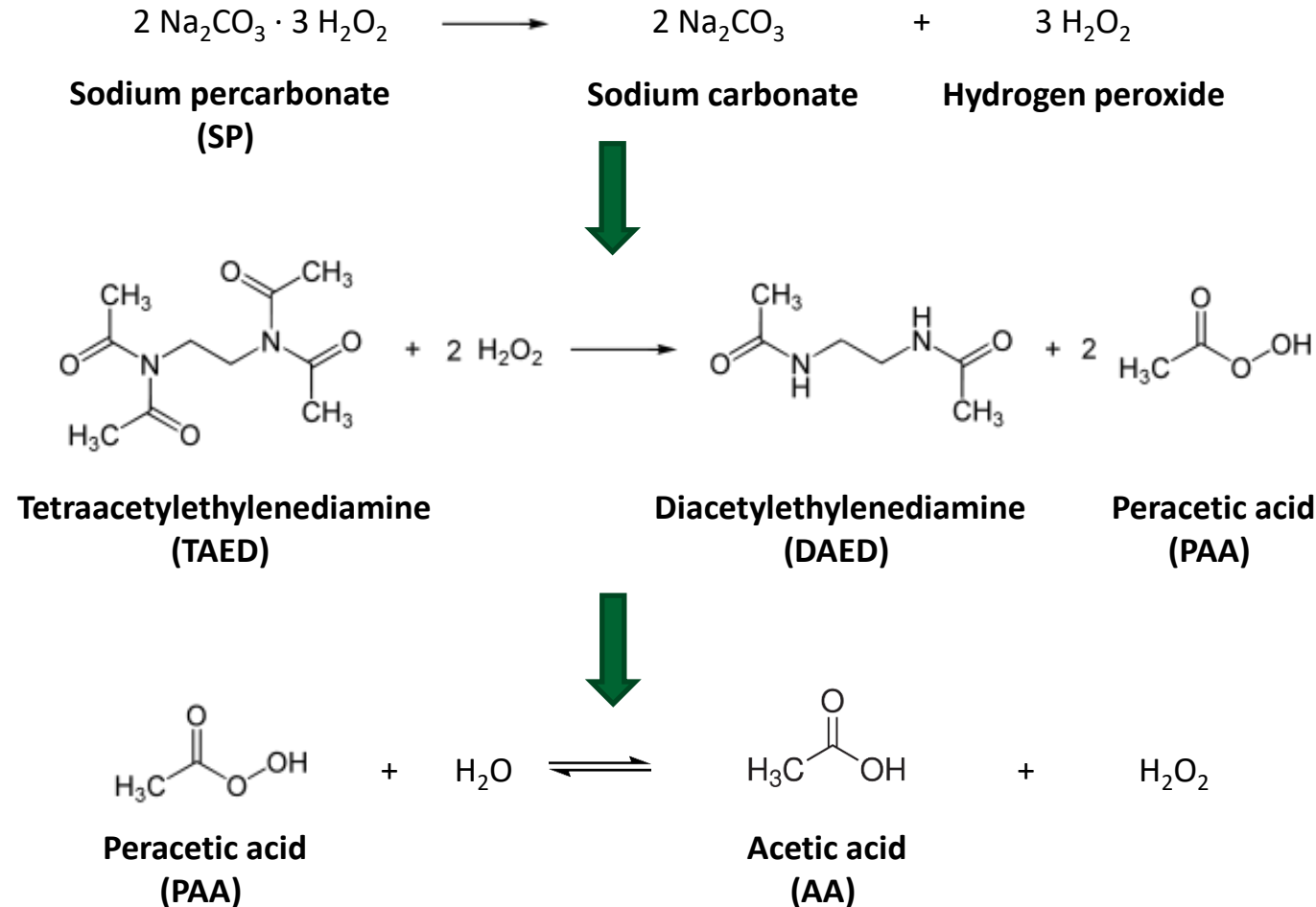
Background



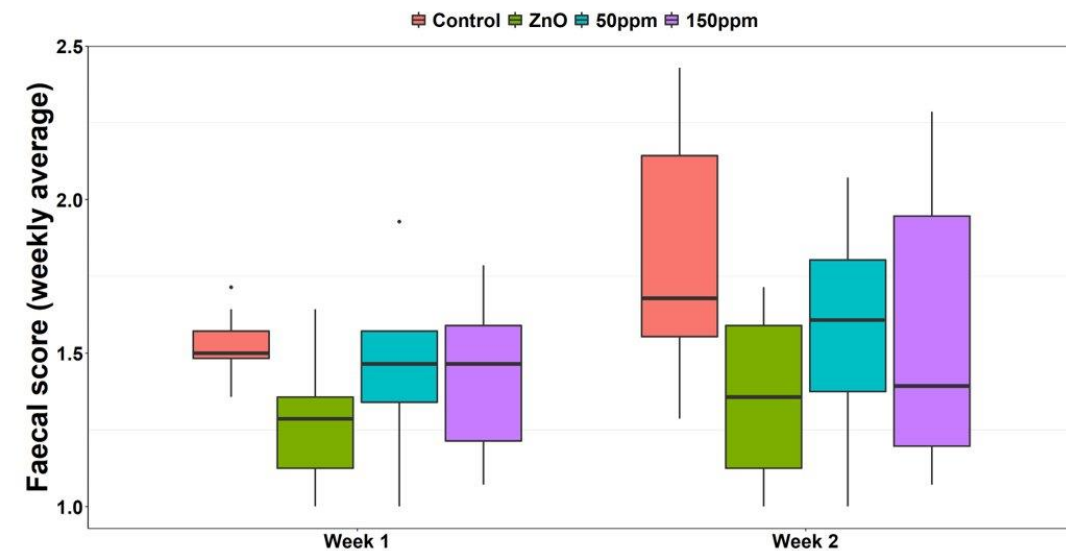
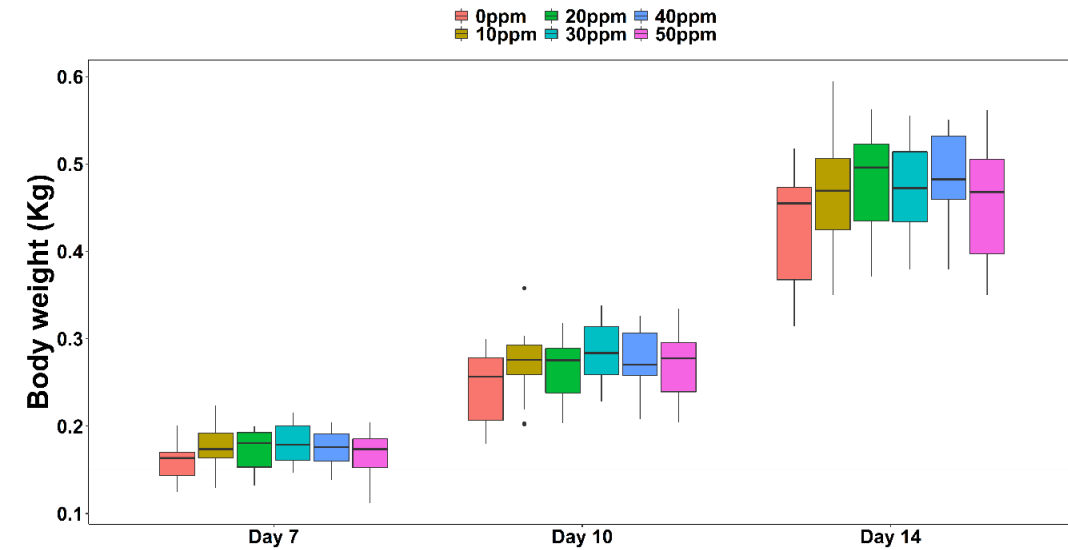
- ❖ Antibiotic resistance amongst pathogens has been recognised as a major public health threat.
- ❖ Finding alternatives to in-feed antimicrobials is of critical importance due to the rise in antimicrobial resistance associated with animal production, including poultry and pigs.
- ❖ Supra-nutritional zinc oxide has long been used as in-feed antibiotic alternative to alleviate post-weaning diarrhoea in pigs but will be banned due to negative environmental impact.
- ❖ Therefore, we need **sustainable alternatives**.



Pre-cursor derived peracetic acid (PAA): a potent residue-free antimicrobial biocide



PAA improves performance in broilers and reduces diarrhoea in weaned pigs



Conclusions

In-water peracetic acid provision has great potential to be a novel, residual-free antimicrobial for broilers and weaner pigs



Thanks for your attention