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## Influence of birth mode and pre- and post-biotic supplementation on the fecal microbiota: a randomized controlled trial in Charolais calves

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### OBJECTIVES

To our knowledge, there are no studies that have investigated the impact of the mode of birth on the composition of the calf microbiota. Similarly, while many pre-pro- or post-biotic products are commercialized for calves, few have been scientifically proven to induce changes in gut microbiota.

The objective of this study was to describe the modifications of the gut microbiota (in terms of richness, diversity and composition) of calves during their first 20 days of life according to their mode of birth and their supple-