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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

Melanie Save¹, Claire Becker², Anais Bompard³, Bertrand Guin⁴, Severine Barry³, Emilie Bard³, Bernard Schmitt⁵, Isabelle Delporte⁶, Zoree Djelouadji⁷, Xavier Bailly³, Thibaut Lurier^{3,8}

¹Veterinary clinic "des amognes", Saint-Benin-d'Azy, France

²Universite de Lyon, VetAgro Sup, Anses, UMR Mycoplasmoses animales, Marcy L'Etoile, France

³Universite Clermont Auvergne, INRAE, VetAgro Sup, UMR EPIA, Saint-Genes-Champanelle, France

⁴Veterinary clinic "Vet'Alliance", La Clayette, France

⁵CERNh - Centre d'Enseignement et de Recherche en Nutrition Humaine

⁶Original Process, Lille, France

⁷Universite de Lyon, INRAE, VetAgro Sup, USC 1233 UR RS2GP, Marcy l'Etoile, France.

⁸Universite de Lyon, INRAE, VetAgro Sup, UMR EPIA, Marcy l'Etoile, France

Corresponding author: thibaut.lurier@vetagro-sup.fr

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-