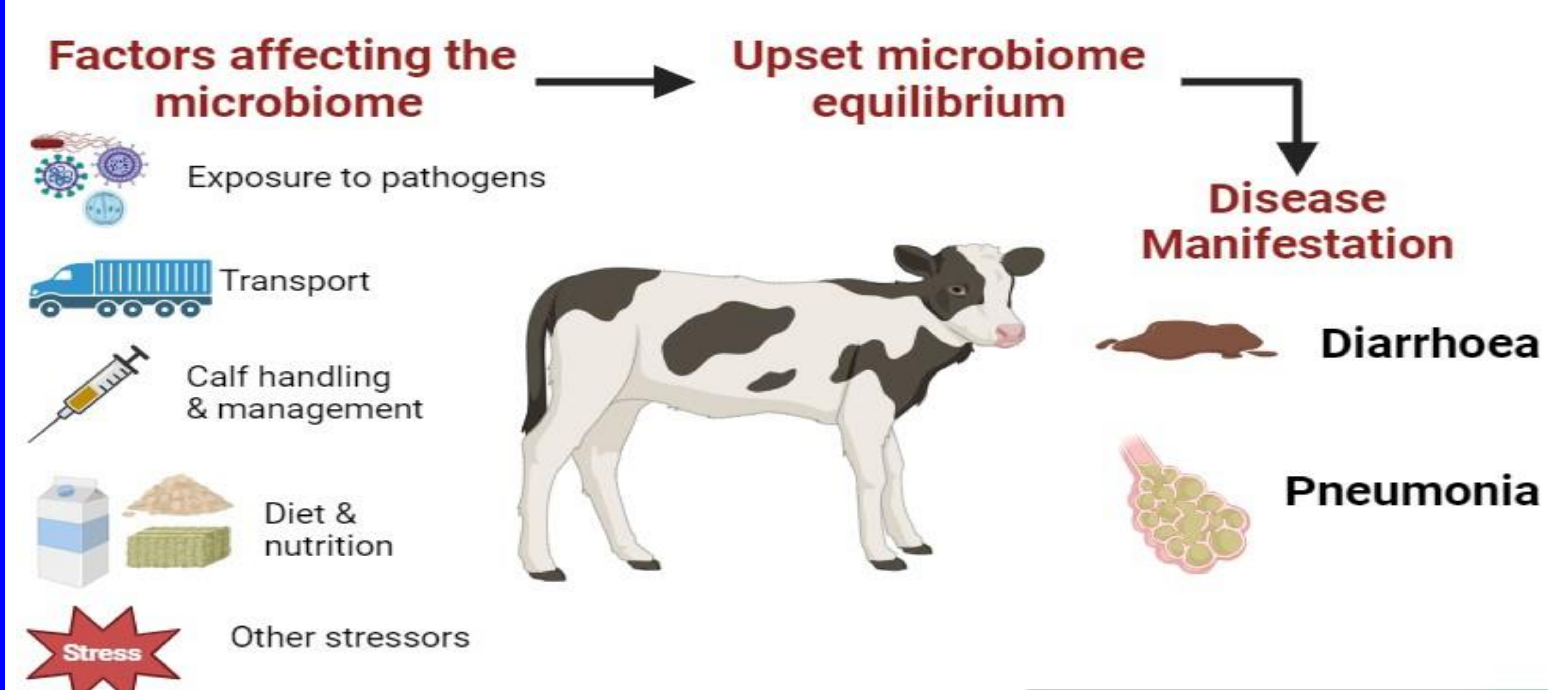
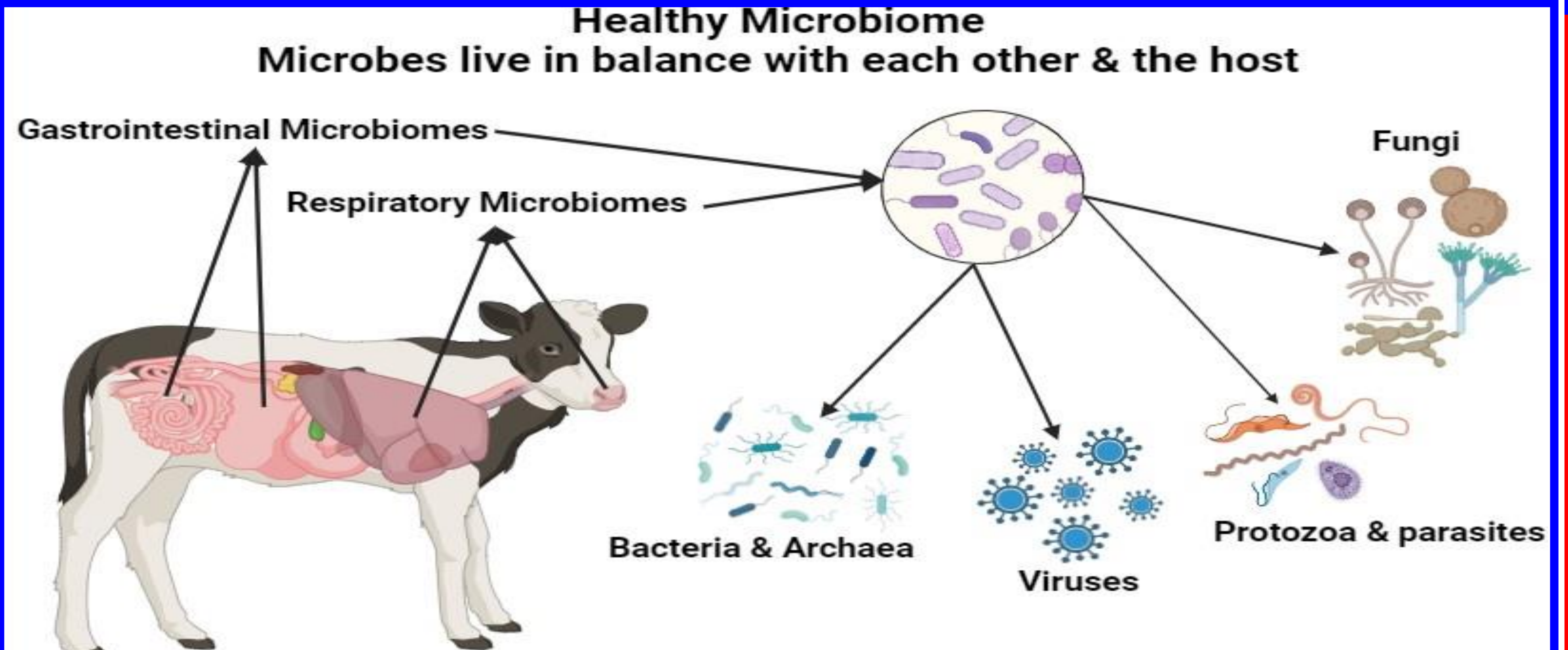


HoloRuminant a Horizon Europe funded research project aims to determine how microbial populations residing in the gut and respiratory tracts and other locations on the body of cattle affects performance, health, welfare & environmental impact

What is a 'microbiome'
A community of microorganisms in a particular environment i.e. colon or lungs

Microbiomes important to calf health



Take home messages

- Microbiomes, established in the first weeks of life, are influenced by both genetics and environment
- Diverse and stable microbiomes are essential for long-term animal health and well-being
- Microbiomes play a significant role in manifestation of both respiratory and diarrhoeal disease