

University of Missouri

- defecating, and sanitary concerns for owners.
- the herd, age, and gender.
- only achieved in $\sim 20\%$ of horses with diarrhea.
- intestine helping to normalize fecal consistency.

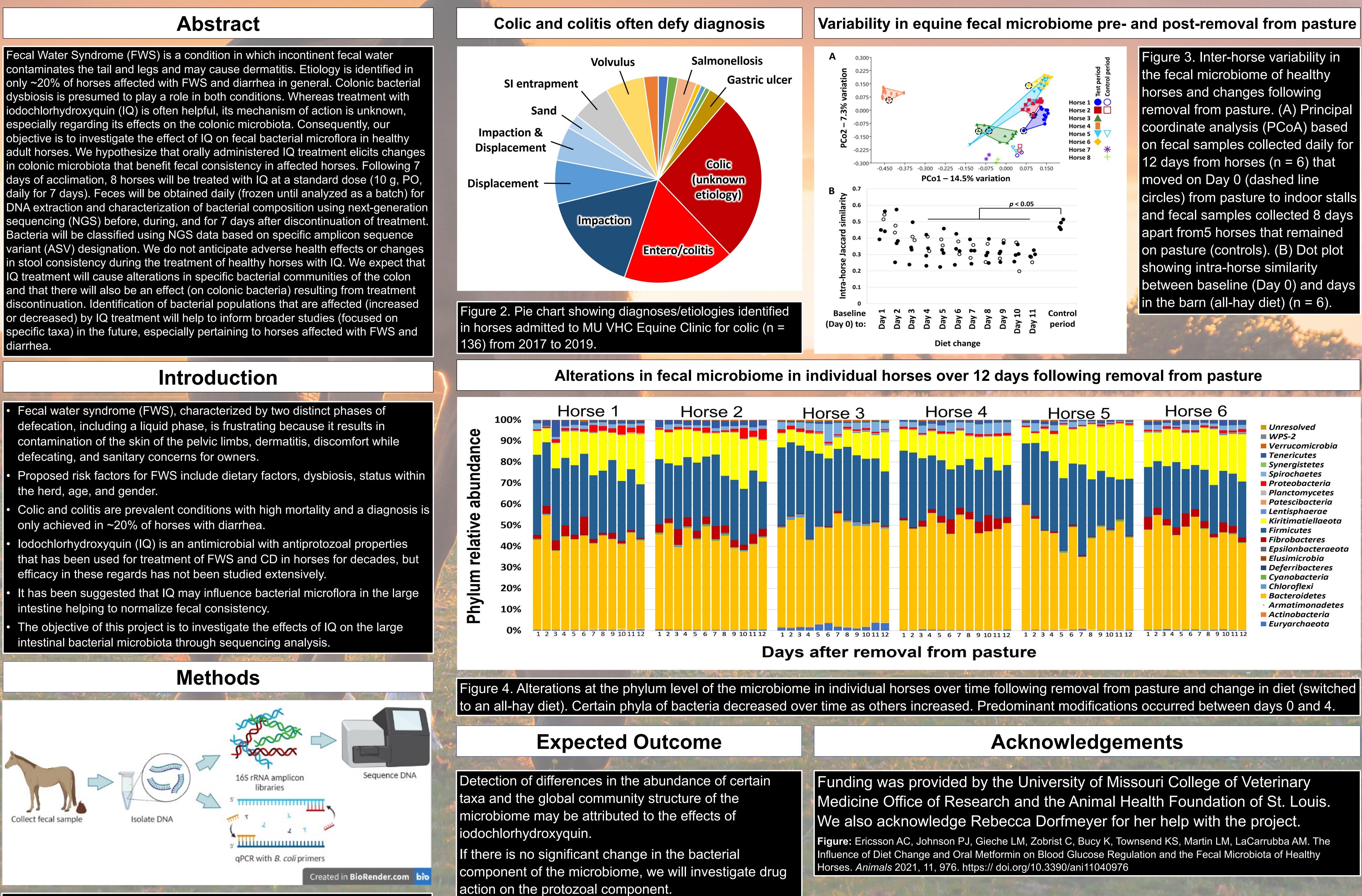


Figure 1. Process of DNA extraction

Effect of iodochlorhydroxyquin on the large intestinal microbiota of horses

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Figure: Ericsson AC, Johnson PJ, Gieche LM, Zobrist C, Bucy K, Townsend KS, Martin LM, LaCarrubba AM. The Influence of Diet Change and Oral Metformin on Blood Glucose Regulation and the Fecal Microbiota of Healthy

Figure 3. Inter-horse variability in the fecal microbiome of healthy horses and changes following removal from pasture. (A) Principal coordinate analysis (PCoA) based on fecal samples collected daily for 12 days from horses (n = 6) that moved on Day 0 (dashed line circles) from pasture to indoor stalls and fecal samples collected 8 days apart from5 horses that remained on pasture (controls). (B) Dot plot showing intra-horse similarity between baseline (Day 0) and days in the barn (all-hay diet) (n = 6).

Unresolved
WPS-2
Verrucomicrobia
Tenericutes
Synergistetes
Spirochaetes
Proteobacteria
Planctomycetes
Patescibacteria
Lentisphaerae
Kiritimatiellaeota
Firmicutes
Fibrobacteres
Epsilonbacteraeota
Elusimicrobia
Deferribacteres
Cyanobacteria
Chloroflexi
Bacteroidetes
• Armatimonadetes
Actinobacteria
Euryarchaeota