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JOURNAL OF EQUINE VETERINARY SCIENCE TO PUBLISH LIFELINE EQUINE GUT STUDY

ANKENY, IOWA – **June 2, 2016** – It's well-known that stress, training, trailering and competition can cause occasional gut issues in performance horses. This can cause horses to be cinchy, have a rough hair coat, go off feed, and not perform to their potential.

A new study to be published in the August 2016 edition of the Journal of Equine Veterinary Science has shown that horses dosed with BioThrive[®], the active ingredient found only in LIFELINE Equine performance supplements, were significantly more likely to maintain normal gut barrier function and a healthy GI tract when subjected to the stress of training and hauling compared to horses receiving a placebo.

The study was completed in two phases and both utilized a randomized complete block design. A total of thirty horses were paired into replicates formed on the basis of similarity of sex, age and weight. Horses were randomly assigned to the treatment and placebo groups. All investigators and participants were blinded to treatment and control groups until completion of the study. Horses were subjected to a similar training program in a model that has been used previously to induce gut issues.

The novel results of the study indicated that dosing horses with BioThrive[®] bioactive proteins was effective in maintaining a healthy gut in horses experiencing physiologic stress from exercise or training programs.

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The study was published online May 11, 2016 and can be accessed on the Journal of Equine Veterinary Science website <http://www.j-evs.com/>. Search for *bioactive proteins* to find the study.

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About APC, Inc.

APC, Inc. Consumer Products Division's mission is to help animals *thrive*. We work hard every day to create products that help improve the lives of animals. This was our focus when we were founded in 1981, and it still is today. For more than 30 years we have been spearheading discoveries that have changed animal health and performance worldwide.

LIFELINE Equine performance supplements are made with serum-based active ingredient BioThrive[®], which contains important immune factors, immunoglobulins and bioactive proteins. BioThrive[®] is backed by clinical research: proven to improve stride length and range of motion by easing occasional soreness from normal exercise, and now proven to maintain a healthy intestinal tract. LIFELINE Equine products are not vitamin, mineral or herbal supplements. They are powerful performance products that work multisystemically and deliver results in as few as 14 days. Visit WatchThemThrive.com for customer testimonials and to learn more.