

## Evonik to share latest dairy nutrition research insights at 2022 ADSA Annual Meeting

14 June 2022

**Essen, Germany.** Evonik and its academic partners will deliver eight abstracts outlining their latest research findings in dairy cow nutrition solutions – with a particular focus on the essential amino acid, methionine – at this year’s American Dairy Science Association (ADSA) Annual meeting (Kansas City, June 19–22).

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“We’re delighted to be back at ADSA, one of the world’s biggest dairy conferences,” says Dr. Kiran Doranalli, head of Ruminant Solutions at Evonik. “We’re looking forward to engaging with representatives from all areas of the industry and sharing information and expertise as the sector works together to help feed our growing population in a sustainable way.”

Evonik has collaborated with several universities on the following abstracts:

1. Meta-regression analyses of the relationship between plasma concentrations and duodenal flows of amino acids in dairy cows.
2. Measures of Amino Acids best associated with milk true protein.
3. Alterations in skeletal muscle transcriptome in response to ethyl-cellulose rumen-protected methionine during the periparturient period in dairy cows.
4. Metabolomic profiling reveals marked effects of ethyl-cellulose rumen-protected methionine on skeletal muscle during the periparturient period in dairy cows.
5. Effects of ethyl-cellulose rumen-protected methionine on skeletal muscle abundance of insulin signaling, protein turnover, and antioxidant proteins during the periparturient period in dairy cows.
6. Colostrum microbiome and plasma metabolome in heifer calves are altered in response to ethyl-cellulose rumen-protected methionine during late-pregnancy.

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7. Daily top-dressing of rumen-protected methionine affects the global endometrial epigenome in postpartum dairy cows.
8. Embryonic epigenome modification induced by maternal feed supplementation of rumen-protected methionine in dairy cows

At ADSA, Evonik will be explaining how its various products and services can help producers optimize dairy nutrition, as well as present its latest research findings.

Evonik and its distributor and partner RP Nutrients together will be exhibiting on booth 507 and 606.

#### **Company information**

Evonik is one of the world leaders in specialty chemicals. The company is active in more than 100 countries around the world and generated sales of €15 billion and an operating profit (adjusted EBITDA) of €2.38 billion in 2021. Evonik goes far beyond chemistry to create innovative, profitable and sustainable solutions for customers. About 33,000 employees work together for a common purpose: We want to improve life today and tomorrow.

#### **About Nutrition & Care**

The focus of the business of the Nutrition & Care division is on health and quality of life. It develops differentiated solutions for active pharmaceutical ingredients, medical devices, nutrition for humans and animals, personal care, cosmetics, and household cleaning. In these resilient end markets, the division generated sales of €3.56 billion in 2021 with about 5,300 employees.

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