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AB Vista to present opportunity to optimise enzyme matrix strategies at PSA Meeting

The Poultry Science Association's Annual Meeting will see AB Vista present a wide-ranging suite of abstracts, bringing fresh insights across a number of key topics relating to feed analysis and formulation.

The research, to be presented at the meeting from 15th – 18th July in Montreal, Canada, covers NIR analysis and the role of enzymes such as phytase, xylanase and beta-glucanase in improving performance, profits and sustainability.

As part of the program, Dr. Mike Bedford, Research Director at AB Vista, will explore opportunities to optimise the performance of an exogenous enzyme by applying the most challenging matrix, whilst maintaining performance. Dr. Bedford will be discussing the importance of evaluating enzyme matrices over a significant number of trials, in order to minimise the likelihood of a failure in performance delivery.

Dr. Bedford explains the research AB Vista has done in this area to develop the company's own enzyme application strategies:

"This topic could not be more relevant as we have conducted extensive research to determine the effect of targeted enzyme application to degrade both phytate and NSP, reducing the anti-nutritive effects of both substrates. This research has yielded a revolutionary enzyme application called 'Maximum Matrix Nutrition' – or MMN - which aims for maximum phytate breakdown whilst reducing viscosity and increasing fibre fermentability. MMN has been demonstrated to improve nutrient utilisation delivering a significant improvement in amino acids, minerals and energy,

meaning diets can be formulated with higher nutrient credits for feed cost savings.”

As the maximum nutrient credit that could be considered when using enzymes will depend on the characteristic of the diet, AB Vista is also presenting new developments in NIR, with insights into reactive lysine and amino acid availability in soybean. Dr. Tiago Santos, Technical and Marketing Director at AB Vista outlines the importance of getting this ‘first step’ right, in order to fully capitalise on gains further down the line:

“With levels of anti-nutrients varying not just between feedstuffs but within a single raw material, NIR provides critical insights into substrate composition – helping to inform precision in terms of enzyme application. Our aim in sharing such insights is to offer advice on how to use feed additives strategically to extract even more value from substrates.”

Those not attending the event but interested in learning more are invited to contact info@abvista.com for details on the research being presented.

For more information, contact AB Vista on +44(0)1672 517 650 or info@abvista.com. Follow AB Vista on Twitter: [@ABVista](https://twitter.com/ABVista).

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Notes to editor:

AB Vista is a global animal nutrition technology company offering pioneering products and technical services to the global animal feed industry. Since its establishment in 2004, AB Vista has grown to be a top-three player in feed enzymes. Working in close collaboration with academics and customers, AB Vista is committed to developing new nutritional applications based on scientific insight. This is achieved through research, nutritional expertise and the ability to analyse nutritional factors – the combination of which is referred to as “feed intelligence”. This serves to bring an improved nutritional picture to the industry. AB Vista has a portfolio of products and technical services spanning the poultry, swine, ruminant and aquaculture sectors. AB Vista is headquartered in the UK, with regional

offices located in the USA, Brazil, Singapore, Spain, India, China, Germany and Finland.

AB Vista is part of AB Agri, the agricultural division of Associated British Foods, one of Europe's largest food & retail companies with a market capitalisation of £22 billion.

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