



SPEECH INFORMATION (For Conference Program Book)

Topic	<p>產業趨勢-從微生物飼料添加物研發到減抗養殖商品化應用</p> <p>Industry Trends: From the R&D of Microbial Feed Additives to the Commercial Application of Antibiotic-Free Farming</p>
<p>Abstract (No more than 350 words)</p>	<p>Microbial feed additives are non-drug additives that utilize highly efficient microorganisms (such as probiotics and yeast) to improve animal health, increase feed efficiency, and boost productivity. Their main functions include promoting digestion and absorption, balancing disrupted microbial communities, enhancing immunity, reducing pathogens, and reducing antibiotic use. Their safety is assessed by evaluating factors such as toxicity, toxin production capacity, and allergenicity to ensure safety for animals and the environment, while also ensuring their safety at high temperatures during production.</p> <p>Antibiotic-reduced (or antibiotic-free) farming has become a core trend in the global livestock and aquaculture industry by 2025. Its commercial application is mainly achieved through the development of antibiotic alternatives and intelligent farming management.</p> <p>The microbial feed additive industry is an important part of the transformation of modern animal husbandry. It is moving from a niche market to the mainstream. Its development is closely linked to sustainability, health and efficiency, and it is expected to play a more critical role in meeting global food demand in the future.</p> <p>The market focuses on innovative products such as plant-based additives, probiotics, and enzymes, while facing challenges such as raw material fluctuations and regulatory changes. Taiwanese companies are mainly export-oriented, targeting markets such as Vietnam and Thailand.</p>

