



Session	Start-ups/SMEs looking for Finance: Series A and Series B/C Funding
Title	Innovative antimicrobial enzymes for plant and animal health in sustainable agriculture
Company	Gene&GreenTK
Speaker	David Daudé
Keywords feedstock (max 2)	Fermentation medium
Keywords technology (max 2)	Antimicrobial Enzymes
Keywords End-Product (max 2)	Microbial fermentation
Abstract:	
<p>Sustainable agriculture requires innovative solutions that align with the One Health approach, ensuring plant protection, animal health, and environmental safety. Our technology focuses primarily on plant protection using recombinant antimicrobial enzymes engineered for high stability and efficacy, produced via semi-industrial microbial fermentation. Their efficacy has been validated in greenhouse and field trials, showing substantial reduction of crop diseases and improved plant health. In addition, these enzymes support feed hygiene and gut microbiota balance in animals, reinforcing the One Health perspective. The production process is scalable, reproducible, and compliant with regulatory standards, enabling industrial deployment. We are collaborating with industrial partners to facilitate implementation and adoption. By combining robust performance, environmental safety, and versatility, our enzymes offer a novel, practical solution for sustainable agriculture, prioritizing crop protection while contributing to broader health objectives.</p> <p>We are now seeking industrial and financial partners to support the final phases—industrialization, regulatory approval, and commercialization—to finalize registrations, access the market, and deploy the technology at scale.</p>	