

Vandenabeele

An integrated technology pipeline for the development of superior agricultural biologicals

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Apeha Bio

Apeha.Bio, a Gent based R&D company, is developing sustainable and superior agricultural products based on natural microorganisms to increase crop yields (biostimulants) in cereals and to protect them against fungal diseases (biocontrol).

Apeha.Bio stands out by its unique technology pipeline. bio-informatics and metagenomics approaches are used to build microbiome maps for selection of the best candidate microorganisms and for building robust consortia that positively impact plant growth and health. Using a combination of proprietary microbial culturing technologies, a unique microbial collection is built up. Microbial strains are further tested for beneficial effects in planta in an automated high-throughput phenotyping platform under controlled growth conditions and eventually screened in field trials. In this presentation, an overview of Apeha.Bio's pipeline and the latest developments will be discussed.