Biosynthetic pathways for producing Psychedelics

AgroTech & FoodTech

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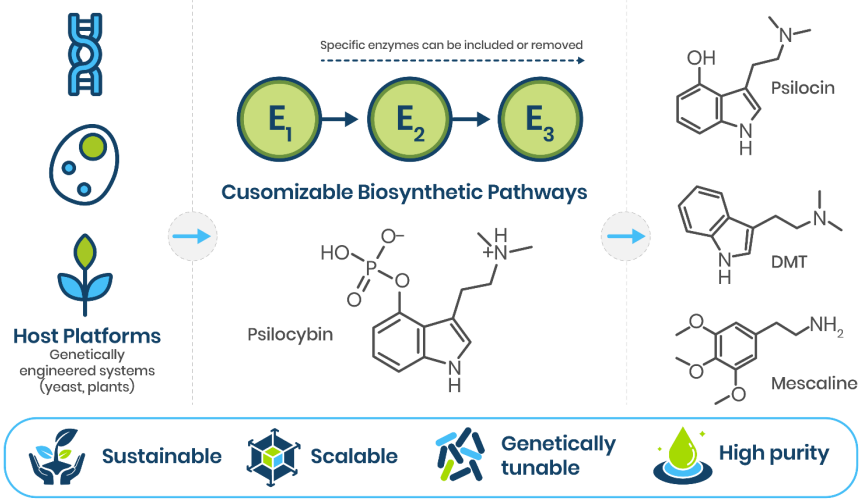
Applying a multitude of enzymes to generate biosynthetic pathways to synthesize different Psychedelics such as DMT, Psilocin, Psilocybin, Peyote related compounds, and so on.



APPLICATIONS

- Production of a series of different Psychedelic compounds
- Potential to modify the compounds by including or removing specific enzymes in the pathway
- Has the potential for expression in multiple systems e.g., plants or yeast.

DEVELOPMENT STAGE

Currently, efforts are underway to decipher specific enzymes and develop the various pathways.

DIFFERENTIATION

Non-Destructive Method: A method that does not involve having to destroy the plant or fungus to extract the desired compounds

Independent of growing specific plants and ensure a higher standardization and purity