



Partners on Precision Fermentation or Synthetic Biology Solutions for superior consumer experience

BACKGROUND

Synthetic biology and Precision Fermentation are interdisciplinary fields that combine biology, engineering, and computational methods to design and construct new biological systems. Our organization is exploring innovative approaches to accelerate the development and industrialization of new molecules that can enhance our product offerings.

NEED DESCRIPTION

We are seeking to address the challenge of efficiently discovering and developing novel molecules through synthetic biology. Our goal is to identify partners who can assist in the accelerated development of these molecules or provide expertise in scaling up production from laboratory to industrial levels and ensure their successful transition.

WHAT WE ARE LOOKING FOR

- Potential discovery partners with expertise in synthetic biology that can help identify and develop novel molecules.
- Scale-up partners that have experience in translating laboratory findings into industrial-scale production processes.
- Higher technical readiness ingredients with demonstrated superior performance and/or consumer benefits.
- Specifically, we're interested in:
 - Biosurfactants
 - Biodegradable biopolymer
 - Bioactives
 - Biofragrances

Special consideration will be given to submissions that provide the following:

- Key questions to be answered:
 - What methodologies and technologies do you employ in molecule discovery and development?
 - How do you approach the scaling process from lab to industry?
 - What case studies or success stories can you provide that demonstrate your capabilities in this area?
 - What are the potential challenges you foresee in scaling synthetic biology projects, and how do you propose to mitigate them?
- Deliverables may include:
 - A detailed proposal outlining your approach to molecule discovery and scale-up.
 - A timeline for development and scaling.
 - Estimated costs and resource requirements.

WHAT WE ARE NOT LOOKING FOR

- Solutions that do not involve precision fermentation or synthetic biology techniques.
- Proposals based on traditional chemical synthesis without innovative applications of synthetic biology.

Please note that only **non-confidential** information describing the method, current use and IP can be accepted for review.