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# BMITEK

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TECH BASED

STARTUP

## PROFILE

Biotech Company.  
Founded: December 2018.  
Investment: 0,25 USD Million.

**BMiTek** has developed a disinfectant and sanitizing formula called **Dacetix**, to be used on either surfaces or food, thus helping food industry to reduce incidence of foodborne pathogens and to increase production by using Generally Recognized as Safe (GRAS) compounds as active ingredients.

## OPPORTUNITY

According to World Health Organization statistics, foodborne diseases affect 1 in 10 people worldwide a year, being life-threatening among children under 5 years old. Besides, increasing food industrialization and processing, demands stricter disinfection and sanitizing products and protocols, according to standards.

## SOLUTION

New disinfectant products capable to meet industrial and consumer standards will be needed, requiring little time in their application and able to act on a variety of microorganisms – bacteria, fungi) – and in the formation of biofilms.

## TECHNOLOGY

Patent pending technology [US62/967,538], **Dacetix** is a disinfectant and sanitizing formula being able to act in a bactericidal and /or bacteriostatic way against a variety of gram-positive and gram-negative bacteria, as well as their biofilms and fungi.

- Safe for the environment, workers and consumers.
- No rinsing required.



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## MARKET

Market size: USD 148.9 million (2018).

CAGR: 3,7%.

Segment: Food and Beverage Disinfection Expected.  
market size: USD 178.2 million (2023).

## BUSINESS MODEL

Two potential business models:

1. **BMiTek** is licensing its technology to chemical/ disinfectant industry (national or international level).
2. **BMiTek** will produce, sell and distribute directly to customers (food industry) in national market. By 2020, 100.000 liters of Dacetix are expected to be produced and sold, whereas by 2024, they expect produce and sell at least 400.000 liters.



## METRICS

- 99,9% bacteria removed on surfaces (field tests).
- GRAS (Generally Recognized As Safe) compounds.

## TEAM



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