

EutectoDerm- Antimicrobial and wound healing topical treatments for infected complex or chronic wounds



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PHARMA

Infectious Disease

SUMMARY

Previously, the team developed an antimicrobial and anti-inflammatory solution based on deep eutectic solvents (DES), which are mixtures of two or more components that together have a lower melting point than the individual substances.

Therapeutic DES derived from natural products can offer several advantages over the current standard of care, including lower production costs, reduced toxicity for patients and the environment, and a low risk of antimicrobial resistance.

The goal of this project is to collect additional efficacy and safety data, and to optimize formulations to support the topical use of this antimicrobial solution in chronic wound healing.

PROJECT GOALS

- Generate supporting data to validate wound healing properties and safety.
- Strengthen the patent application.

LONG-TERM GOALS

- Develop an efficacious product with market-entry potential to benefit patients.