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Compositions And Methods For Wound Healing

Tech ID: 33451 / UC Case 2022-741-0

BRIEF DESCRIPTION

A breakthrough technology using insulin-secreting cells and stem cells to enhance wound healing and reduce scar formation.

APPLICATIONS

Healthcare industry: Wound care management

Diabetes care: Treatment and prevention of foot ulcers

Cosmetic industry: Scar reduction therapies

ADVANTAGES

Accelerates wound healing process

Reduces scar and scab formation

Offers potential solution for chronic wounds and diabetic foot ulcers

Topical application means easy to use

Versatile application methods (hydrogel dressing, microencapsulation)

Problems Solved:

-Slow healing of chronic wounds

-High rate of scar and scab formation

-Poor wound management solutions for diabetic patients

DESCRIPTION

This technology introduces a unique combination of insulin-secreting cells and stem cells, formulated for topical application, to expedite wound healing and minimize scar formation. It can be applied in various forms including a hydrogel dressing and microencapsulation. It's particularly effective for chronic wounds and diabetic foot ulcers.

PATENT STATUS

Patent Pending

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INVENTORS

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OTHER INFORMATION

CATEGORIZED AS

» **Biotechnology**

» Health

» Other

» **Medical**

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