

Synergistic Medicinal Preparation For Treating Fungal skin disorders

Domain: Healthcare Drug

Unmet Need & Opportunity

- ✓ 20-30% of the global population in tropical countries are affected by fungal infections.
- ✓ Tinea is a group of diseases caused by fungi, that impact children, youngsters, and adults, regardless of gender.
- ✓ Many available treatments contain antibiotics or steroids, which can cause adverse side effects and impact immune response
- ✓ Current treatments are not selective towards fungal infection.
- ✓ The available antifungal agents affects surrounding human tissues.
- ✓ The present solutions often require medical prescriptions

Stage of Development

TRL: 5

Preclinical testing is performed in animal models, simulating fungal skin infections. The preparation is evaluated for its efficacy in treating infections, its pharmacokinetics (how it is absorbed, distributed, metabolized, and excreted), and its safety profile.

Applications / Use case

This new formula is a powerful and tolerable medication targeting fungal infections like Tinea Versicolor, Tinea Pedis, and Tinea Cruris. It selectively inhibits fungal cells, inducing selective apoptosis and reactive oxygen species, while sparing human tissues. Unlike current antibiotic combinations, it is safe to be made available over-the-counter.

Technology Description

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Market Scope

Global Antifungal Drugs Market: Valued at approximately \$17.39 billion in 2024, it is expected to reach around \$24.51 billion by 2034, growing at a CAGR of 3.5% during the forecast period.

(Ref: precedenceresearch.com)

Value Proposition

- ✓ This formulation can heal the patient within a short span of period (ie maximum 15 days of application).
- ✓ It can provide 99% permanent healing without any side effect
- ✓ Demonstrated high efficacy against Trichophyton rubrum and Malassezia furfur.
- ✓ Free from antibiotics, steroids and no harm in immune response and other side effects.
- ✓ Skin restores to the original color after the treatment.
- ✓ The product comes under OTC medicine, so anyone can buy without prescription
- ✓ Eco-friendly, Bio friendly, and economical too.

IP Status

Indian Patent: **201841002472** (Priority date/Filing date: 22/01/2018)

PCT Pub. No. : **WO 2019142042**

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Transaction Opportunity

Exclusive, Non-Exclusive Licensing & Option License Agreement (co-develop or collaboration for further validation)

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