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Morphological and physiological comparison of taxa comprising the *Sporothrix schenckii* complex

Key words: *Sporothrix globosa*, Phenotypic characters, Antifungal susceptibility

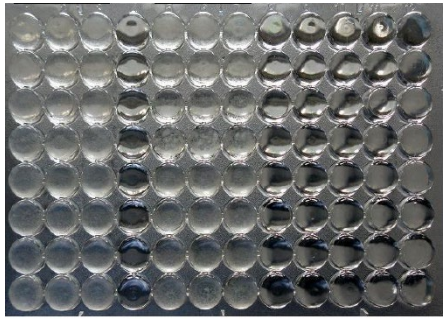
Research Summary

The objective of this study was to compare the morphological characteristics, physiological studies, antifungal susceptibility testing, and summarized the key roles they played in the following aspects:





- **The morphology,**
- **Growth characteristics,**
- **Patterns of carbon source usage,**
- **Susceptibility to antifungal agents**



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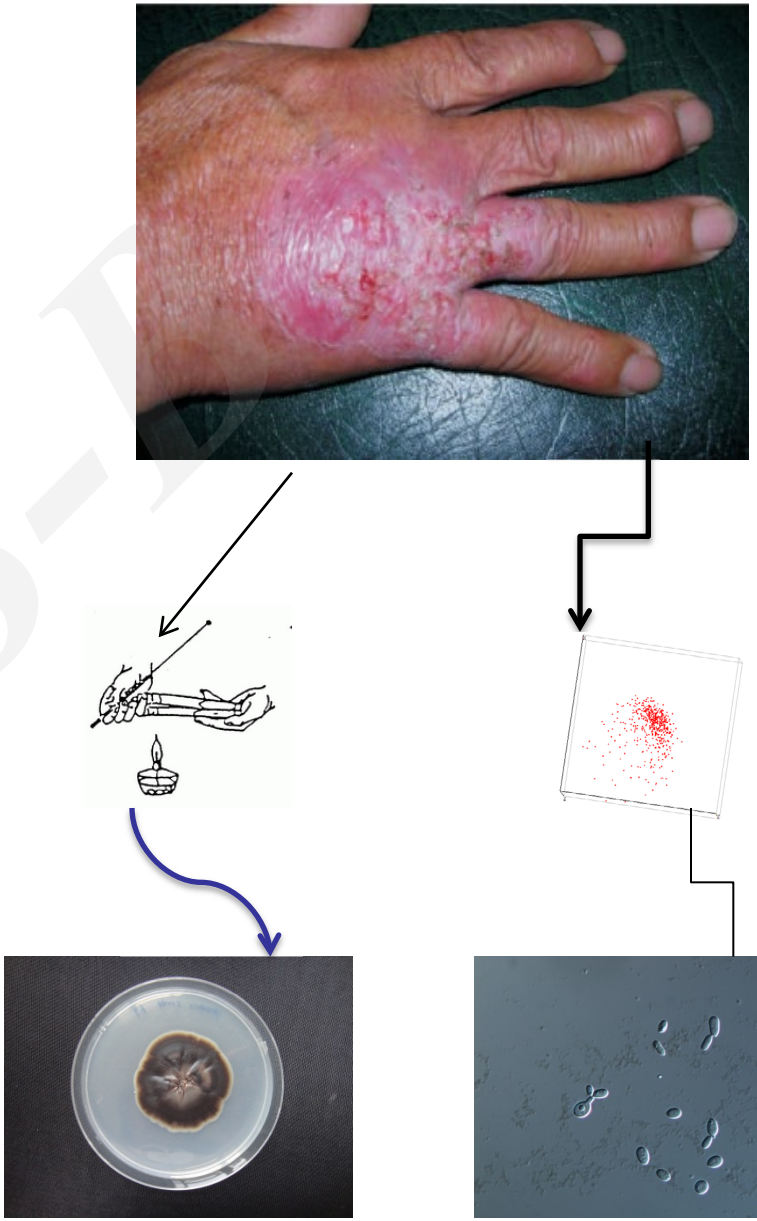
Innovation points

- **Introduction** of *the Sporothrix schenckii* complex comparative from morphological characteristics.
- **Comparison** of the about *Sporothrix schenckii* complex in physiological and inantifungal susceptibility studies.
- **Emphasis** of the different interplay among the *Sporothrix schenckii* complex in morphological characteristics, physiological studies, antifungal susceptibility testing.



Innovation points

1. Effects of the morphology of conidia among *Sporothrix schenckii* complex.

2. The colony diameter of *Sporothrix schenckii* complex

3. Carbon assimilation of *Sporothrix schenckii* complex

4. we compare the in vitro antifungal susceptibilities of *Sporothrix schenckii* complex

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