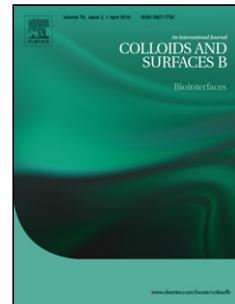


Accepted Manuscript

Title: Topical amphotericin B in ultradeformable liposomes: formulation, skin penetration study, antifungal and antileishmanial activity *in vitro*.



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PII: S0927-7765(15)30351-9

DOI: <http://dx.doi.org/doi:10.1016/j.colsurfb.2015.12.003>

Reference: COLSUB 7519

To appear in: *Colloids and Surfaces B: Biointerfaces*

Received date: 24-6-2015

Revised date: 28-11-2015

Accepted date: 1-12-2015

Please cite this article as: Ana Paula Perez, Maria Julia Altube, Priscila Schilrreff, Gustavo Apezteguia, Fabiana Santana Celes, Susana Zacchino, Camila Indiani de Oliveira, Eder Lilia Romero, Maria Jose Morilla, Topical amphotericin B in ultradeformable liposomes: formulation, skin penetration study, antifungal and antileishmanial activity *in vitro*., *Colloids and Surfaces B: Biointerfaces* <http://dx.doi.org/10.1016/j.colsurfb.2015.12.003>

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Topical amphotericin B in ultradeformable liposomes: formulation, skin penetration study, antifungal and antileishmanial activity *in vitro*.

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Statistical summary:

Total number of words: 5356

Tables: 2

Figures: 5

Supplementary figures: 2

Highlights

1. Ultradeformable liposomes containing amphotericin B (AmB-UDL) were prepared to enhance AmB topical delivery for treatment of cutaneous fungal infections and leishmaniasis
2. Fungal strains (*albicans* and non-*albicans**Candida* ATCC strains and clinical isolates of *C.albicans*) were more sensitive than mammal cells to AmB-UDL.
3. AmB-UDL showed 100 and 75 % anti-promastigote and anti-amastigote activity on *L. braziliensis*.
4. Total accumulation of AmB in skin was 40 times higher when applied as AmB-UDL than asAmBisome

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