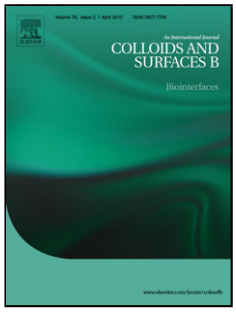

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Topical amphotericin B in ultradeformable liposomes: formulation, skin penetration study, antifungal and antileishmanial activity *in vitro*.

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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-*albicansCandida* 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