

## Accepted Manuscript

Title: An elastic liposomal formulation for RNAi-based topical treatment of skin disorders: proof-of-concept in the treatment of psoriasis

Author: Eline Desmet Stefanie Bracke Katrien Forier Lien  
Taevernier Marc C.A. Stuart Bart De Spiegeleer Koen  
Raemdonck Mireille Van Gele Jo Lambert



PII: S0378-5173(16)30042-4  
DOI: <http://dx.doi.org/doi:10.1016/j.ijpharm.2016.01.042>  
Reference: IJP 15508

To appear in: *International Journal of Pharmaceutics*

Received date: 13-11-2015  
Revised date: 15-1-2016  
Accepted date: 16-1-2016

Please cite this article as: Desmet, Eline, Bracke, Stefanie, Forier, Katrien, Taevernier, Lien, Stuart, Marc C.A., De Spiegeleer, Bart, Raemdonck, Koen, Van Gele, Mireille, Lambert, Jo, An elastic liposomal formulation for RNAi-based topical treatment of skin disorders: proof-of-concept in the treatment of psoriasis. *International Journal of Pharmaceutics* <http://dx.doi.org/10.1016/j.ijpharm.2016.01.042>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## **An elastic liposomal formulation for RNAi-based topical treatment of skin disorders: proof-of-concept in the treatment of psoriasis**

Short title: Topical carrier for RNAi-based therapies

Eline Desmet<sup>1\*</sup> eline.desmet@ugent.be, Stefanie Bracke<sup>1</sup> stefanie.bracke@ugent.be, Katrien Forier<sup>2,3</sup> katrien.forier@ugent.be, Lien Taevernier<sup>4</sup> lien.taevernier@ugent.be, Marc C.A. Stuart<sup>5</sup> m.c.a.stuart@rug.nl, Bart De Spiegeleer<sup>4</sup> bart.despiegeleer@ugent.be, Koen Raemdonck<sup>2</sup>, Mireille Van Gele<sup>1†</sup> mireille.vangele@ugent.be, Jo Lambert<sup>1†</sup> jo.lambert@uzgent.be

<sup>1</sup>Department of Dermatology, Ghent University, Ghent, Belgium

<sup>2</sup>Department of Pharmaceutics, Ghent University, Ghent, Belgium

<sup>3</sup>Center for Nano and Biophotonics, Ghent University, Ghent, Belgium

<sup>4</sup>Department of Pharmaceutical Analysis, Ghent University, Ghent, Belgium

<sup>5</sup>Electron microscopy, Groningen Biomolecular Sciences and Biotechnology Institute, University of Groningen, Groningen, The Netherlands

\* Corresponding author at: Department of Dermatology, De Pintelaan 185, Vijverpark, 9000 Ghent, Belgium. Tel: +32 (0)9 332 65 43.

†Equal contribution

Download English Version:

<https://daneshyari.com/en/article/5817726>

Download Persian Version:

<https://daneshyari.com/article/5817726>

[Daneshyari.com](https://daneshyari.com)