## Accepted Manuscript

Entirely S-protected chitosan: A promising mucoadhesive excipient for metronidazole vaginal tablets

Noemi Lupo, Benjamin Fodor, Ijaz Muhammad, Muhammad Yaqoob, Barbara Matuszczak, Andreas Bernkop-Schnürch

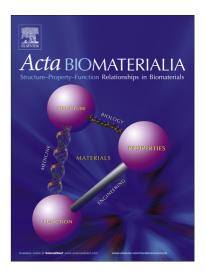
PII: S1742-7061(17)30630-X

DOI: https://doi.org/10.1016/j.actbio.2017.10.014

Reference: ACTBIO 5120

To appear in: Acta Biomaterialia

Received Date: 27 April 2017 Revised Date: 6 October 2017 Accepted Date: 9 October 2017



Please cite this article as: Lupo, N., Fodor, B., Muhammad, I., Yaqoob, M., Matuszczak, B., Bernkop-Schnürch, A., Entirely S-protected chitosan: A promising mucoadhesive excipient for metronidazole vaginal tablets, *Acta Biomaterialia* (2017), doi: https://doi.org/10.1016/j.actbio.2017.10.014

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.

## **ACCEPTED MANUSCRIPT**

# Entirely S-protected chitosan: A promising mucoadhesive excipient for metronidazole vaginal tablets

Noemi Lupo<sup>1</sup>, Benjamin Fodor<sup>1</sup>, Ijaz Muhammad<sup>1,3</sup>, Muhammad Yaqoob<sup>1</sup>, Barbara Matuszczak<sup>2</sup>, Andreas Bernkop-Schnürch<sup>1\*</sup>

<sup>1</sup> Department of Pharmaceutical Technology, Institute of Pharmacy, University of Innsbruck, Innrain 80/82, Innsbruck, Austria

<sup>2</sup> Department of Pharmaceutical Chemistry, Institute of Pharmacy, Center for Chemistry and Biomedicine, University of Innsbruck, Innrain 80/82, 6020 Innsbruck, Austria.

<sup>3</sup> Institute of Pharmaceutical Technology, University of Veterinary and Animal Sciences, Lahore, 54000, Lahore, Pakistan

Key words: S-protected chitosan, mucoadhesion, vaginal tablets, metronidazole, E. coli

\*Corresponding Author: Andreas Bernkop-Schnürch, Centre for Chemistry and Biomedicine, Department of Pharmaceutical Technology, Institute of Pharmacy, University of Innsbruck, Innrain 80/82, 6020 Innsbruck, Austria Tel.: +43-512-507 58601 30 Fax: +43-512-507 58699 e-mail: andreas.bernkop@uibk.ac.at

#### Download English Version:

# https://daneshyari.com/en/article/6483182

Download Persian Version:

https://daneshyari.com/article/6483182

<u>Daneshyari.com</u>