

# Accepted Manuscript

Novel budesonide particles for dry powder inhalation (DPI) prepared using a microfluidic reactor coupled with ultrasonic spray freeze drying

Denis Saboti, Uroš Maver, Hak-Kim Chan, Odon Planinšek



PII: S0022-3549(17)30151-X

DOI: [10.1016/j.xphs.2017.02.035](https://doi.org/10.1016/j.xphs.2017.02.035)

Reference: XPHS 677

To appear in: *Journal of Pharmaceutical Sciences*

Received Date: 17 November 2016

Revised Date: 2 February 2017

Accepted Date: 27 February 2017

Please cite this article as: Saboti D, Maver U, Chan HK, Planinšek O, Novel budesonide particles for dry powder inhalation (DPI) prepared using a microfluidic reactor coupled with ultrasonic spray freeze drying, *Journal of Pharmaceutical Sciences* (2017), doi: 10.1016/j.xphs.2017.02.035.

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.

**Novel budesonide particles for dry powder inhalation (DPI) prepared using a microfluidic reactor coupled with ultrasonic spray freeze drying**

Denis Saboti<sup>a,b</sup>, Uroš Maver<sup>c</sup>, Hak-Kim Chan<sup>a,\*</sup> and Odon Planinšek<sup>b,\*</sup>

<sup>a</sup> *Advanced Drug Delivery group, Faculty of Pharmacy, The University of Sydney, Building A15, NSW-2006, Australia*

<sup>b</sup> *University of Ljubljana, Faculty of Pharmacy, Aškerčeva 7, 1000 Ljubljana, Slovenia*

<sup>c</sup> *University of Maribor, Faculty of Medicine, Institute of Biomedical Sciences, Taborska ulica 8, SI-2000 Maribor, Slovenia*

**\*Corresponding authors**

prof. dr. Hak-Kim Chan  
Advanced Drug Delivery group  
Faculty of Pharmacy  
The University of Sydney  
Building A15  
NSW 2006, Australia  
e-mail: [kim.chan@sydney.edu.au](mailto:kim.chan@sydney.edu.au)

prof. dr. Odon Planinšek  
Faculty of Pharmacy  
University of Ljubljana  
Aškerčeva 7  
SI-1000 Ljubljana, Slovenia  
e-mail: [odon.planinsek@ffa.uni-lj.si](mailto:odon.planinsek@ffa.uni-lj.si)

Download English Version:

<https://daneshyari.com/en/article/8514131>

Download Persian Version:

<https://daneshyari.com/article/8514131>

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