

## Accepted Manuscript

Title: Study of sodium hyaluronate-based intranasal formulations containing micro- or nanosized meloxicam particles

Author: Csilla Bartos Rita Ambrus Péter Sipos Mária  
Budai-Szűcs Erzsébet Csányi Róbert Gáspár Árpád Márki  
Adrienn B. Seres Anita Sztojkov-Ivanov Tamás Horváth  
Piroska Szabó-Révész

PII: S0378-5173(15)30014-4  
DOI: <http://dx.doi.org/doi:10.1016/j.ijpharm.2015.06.046>  
Reference: IJP 14998

To appear in: *International Journal of Pharmaceutics*

Received date: 4-5-2015  
Revised date: 23-6-2015  
Accepted date: 24-6-2015

Please cite this article as: Bartos, Csilla, Ambrus, Rita, Sipos, Péter, Budai-Szűcs, Mária, Csányi, Erzsébet, Gáspár, Róbert, Márki, Árpád, Seres, Adrienn B., Sztojkov-Ivanov, Anita, Horváth, Tamás, Szabó-Révész, Piroska, Study of sodium hyaluronate-based intranasal formulations containing micro- or nanosized meloxicam particles. *International Journal of Pharmaceutics* <http://dx.doi.org/10.1016/j.ijpharm.2015.06.046>

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.

Study of sodium hyaluronate-based intranasal formulations containing  
micro- or nanosized meloxicam particles

Csilla Bartos<sup>a,b</sup>, Rita Ambrus<sup>a</sup>, Péter Sipos<sup>a</sup>, Mária Budai-Szücs<sup>a</sup>, Erzsébet Csányi<sup>a</sup>,  
Róbert Gáspár<sup>c</sup>, Árpád Márki<sup>c</sup>, Adrienn B. Seres<sup>c</sup>, Anita Sztojkov-Ivanov<sup>c</sup>, Tamás  
Horváth<sup>a</sup>, Piroska Szabó-Révész<sup>a\*</sup>

<sup>a</sup>Department of Pharmaceutical Technology, University of Szeged, Szeged, Hungary

<sup>b</sup>Richter Gedeon Nyrt., Budapest, Hungary

<sup>c</sup>Department of Pharmacodynamics and Biopharmacy, University of Szeged, Szeged,  
Hungary

\*Corresponding author: Piroska Szabó-Révész

Department of Pharmaceutical Technology, University of Szeged

H-6720 Szeged, Eötvös u. 6, Hungary

TEL: (36-62)-545572

FAX: (36-62)-545571

E-MAIL: revesz@pharm.u-szeged.hu

#### Abstract

This article reports on the micro- and nanonization of meloxicam (MEL) with the aim of developing pre-dispersions as intermediates for the design of intranasal formulations. As a new approach, combined wet milling technology was developed in order to reduce the particle size of the MEL. Different milling times resulted in micro- or nanosized

Download English Version:

<https://daneshyari.com/en/article/5818649>

Download Persian Version:

<https://daneshyari.com/article/5818649>

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