

# Accepted Manuscript

Intradiscal delivery of celecoxib-loaded microspheres restores intervertebral disc integrity in a preclinical canine model

A.R. Tellegen, I. Rudnik-Jansen, M. Beukers, A. Miranda-Bedate, F.C. Bach, W. de Jong, N. Woike, G. Mihov, J. Thies, B.P. Meij, L.B. Creemers, M.A. Tryfonidou



PII: S0168-3659(18)30485-1  
DOI: [doi:10.1016/j.jconrel.2018.08.019](https://doi.org/10.1016/j.jconrel.2018.08.019)  
Reference: COREL 9428  
  
To appear in: *Journal of Controlled Release*  
  
Received date: 25 April 2018  
Revised date: 9 August 2018  
Accepted date: 10 August 2018

Please cite this article as: A.R. Tellegen, I. Rudnik-Jansen, M. Beukers, A. Miranda-Bedate, F.C. Bach, W. de Jong, N. Woike, G. Mihov, J. Thies, B.P. Meij, L.B. Creemers, M.A. Tryfonidou , Intradiscal delivery of celecoxib-loaded microspheres restores intervertebral disc integrity in a preclinical canine model. Corel (2018), doi:[10.1016/j.jconrel.2018.08.019](https://doi.org/10.1016/j.jconrel.2018.08.019)

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.

1   **Intradiscal delivery of celecoxib-loaded microspheres restores intervertebral disc**  
2   **integrity in a preclinical canine model**

3

4   A. R Tellegen<sup>1</sup>, I. Rudnik-Jansen<sup>2</sup>, M. Beukers<sup>1</sup>, A. Miranda-Bedate<sup>1</sup>, F. C. Bach<sup>1</sup>, W. de  
5   Jong<sup>1</sup>, N. Woike<sup>3</sup>, G. Mihov<sup>3</sup>, J. Thies<sup>3</sup>, B. P. Meij<sup>1</sup>, L. B. Creemers<sup>2</sup>, M. A. Tryfonidou<sup>1,\*</sup>  
6   m.a.tryfonidou@uu.nl

7

8   1Department of Clinical Sciences of Companion Animal Medicine, Faculty of Veterinary  
9   Medicine, Utrecht University, The Netherlands

10   2Department of Orthopedics, University Medical Centre Utrecht, The Netherlands

11   3DSM Biomedical, Geleen, The Netherlands

12

13   \*Corresponding author: M. A. Tryfonidou. Faculty of Veterinary Medicine, Yalelaan 108,  
14   3584 CM Utrecht, The Netherlands.

15

Download English Version:

<https://daneshyari.com/en/article/7859340>

Download Persian Version:

<https://daneshyari.com/article/7859340>

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