

Accepted Manuscript

Therapeutic inhibition of spleen tyrosine kinase in inflammatory macrophages using PLGA nanoparticles for the treatment of non-alcoholic steatohepatitis

Dhadhang Wahyu Kurniawan, Arun Kumar Jajoriya, Garima Dhawan, Divya Mishra, Josepmaria Argemi, Ramon Bataller, Gert Storm, Durga Prasad Mishra, Jai Prakash, Ruchi Bansal



PII: S0168-3659(18)30524-8
DOI: doi:[10.1016/j.jconrel.2018.09.004](https://doi.org/10.1016/j.jconrel.2018.09.004)
Reference: COREL 9456
To appear in: *Journal of Controlled Release*
Received date: 7 June 2018
Revised date: 28 August 2018
Accepted date: 9 September 2018

Please cite this article as: Dhadhang Wahyu Kurniawan, Arun Kumar Jajoriya, Garima Dhawan, Divya Mishra, Josepmaria Argemi, Ramon Bataller, Gert Storm, Durga Prasad Mishra, Jai Prakash, Ruchi Bansal , Therapeutic inhibition of spleen tyrosine kinase in inflammatory macrophages using PLGA nanoparticles for the treatment of non-alcoholic steatohepatitis. Corel (2018), doi:[10.1016/j.jconrel.2018.09.004](https://doi.org/10.1016/j.jconrel.2018.09.004)

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.

Therapeutic Inhibition of Spleen Tyrosine Kinase in Inflammatory Macrophages using PLGA Nanoparticles for the Treatment of Non-Alcoholic Steatohepatitis

Dhadhang Wahyu Kurniawan^{a,b}, Arun Kumar Jajoriya^c, Garima Dhawan^c, Divya Mishra^c, Josepmaria Argemi^d, Ramon Bataller^d, Gert Storm^{a,e}, Durga Prasad Mishra^c, Jai Prakash^{a,†}, Ruchi Bansal^{a,†*}

^a*Department of Biomaterials Science and Technology, Technical Medical Centre, Faculty of Science and Technology, University of Twente, Enschede, The Netherlands*

^b*Department of Pharmacy, Universitas Jenderal Soedirman, Indonesia*

^c*Cell Death Research Laboratory, Division of Endocrinology, CSIR-Central Drug Research Institute, Lucknow, India*

^d*Division of Gastroenterology, Hepatology and Nutrition, Pittsburgh Liver Research Center, University of Pittsburgh Medical Center, Pittsburgh, PA*

^e*Department of Pharmaceutics, Utrecht University, Utrecht, The Netherlands*

^f*Department of Pharmacokinetics, Toxicology and Targeting, Groningen Research Institute of Pharmacy, University of Groningen, The Netherlands.*

[†]*These authors contributed equally to this work.*

***Correspondence should be addressed to:**

Dr. Ruchi Bansal
Department of Biomaterials Science and Technology
Zuidhorst 245, University of Twente
7500 AE Enschede
The Netherlands
T (+31)-53-489 3115
Email address: r.bansal@utwente.nl

Download English Version:

<https://daneshyari.com/en/article/11031144>

Download Persian Version:

<https://daneshyari.com/article/11031144>

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