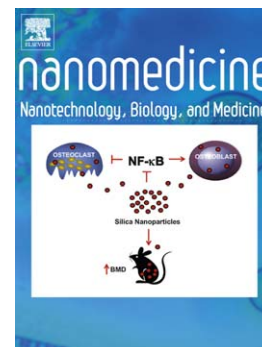


Accepted Manuscript

Liposomal prednisolone promotes macrophage lipotoxicity in experimental atherosclerosis

Fleur M. van der Valk, Dominik M. Schulte, Svenja Meiler, Jun Tang, Kang He Zheng, Jan Van den Bossche, Tom Seijkens, Matthias Laudes, Menno de Winther, Esther Lutgens, Amr Alaarg, Josbert M. Metselaar, Geesje M. Dallinga-Thie, Willem J.M. Mulder, Erik S.G. Stroes, Anouk A.J. Hamers



PII: S1549-9634(16)30014-4
DOI: doi: [10.1016/j.nano.2016.02.022](https://doi.org/10.1016/j.nano.2016.02.022)
Reference: NANO 1311

To appear in: *Nanomedicine: Nanotechnology, Biology, and Medicine*

Received date: 2 December 2015
Revised date: 17 February 2016
Accepted date: 25 February 2016

Please cite this article as: van der Valk Fleur M., Schulte Dominik M., Meiler Svenja, Tang Jun, Zheng Kang He, Van den Bossche Jan, Seijkens Tom, Laudes Matthias, de Winther Menno, Lutgens Esther, Alaarg Amr, Metselaar Josbert M., Dallinga-Thie Geesje M., Mulder Willem J.M., Stroes Erik S.G., Hamers Anouk A.J., Liposomal prednisolone promotes macrophage lipotoxicity in experimental atherosclerosis, *Nanomedicine: Nanotechnology, Biology, and Medicine* (2016), doi: [10.1016/j.nano.2016.02.022](https://doi.org/10.1016/j.nano.2016.02.022)

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.

**Title: Liposomal prednisolone promotes macrophage lipotoxicity
in experimental atherosclerosis**

Authors:

Fleur M. van der Valk^{1*}, Dominik M. Schulte^{1,2*}, Svenja Meiler³, Jun Tang⁴, Kang He Zheng¹, Jan Van den Bossche³, Tom Seijkens³, Matthias Laudes², Menno de Winther³, Esther Lutgens³, Amr Alaarg⁵, Josbert M. Metselaar⁵, Geesje M. Dallinga-Thie¹, Willem J.M. Mulder^{1,4}, Erik S.G. Stroes¹, Anouk A. J. Hamers¹. * Authors contributed equally.

Affiliations:

¹Department of Vascular Medicine, Academic Medical Center, Meibergdreef 9, 1105 AZ Amsterdam, The Netherlands; ²Department of Internal Medicine I, University Schleswig-Holstein, Arnold-Heller-Straße 3, 24105, Kiel, Germany; ³Experimental Vascular Biology, Department of Medical Biochemistry, Academic Medical Center, Meibergdreef 9, 1105 AZ Amsterdam, The Netherlands; ⁴Translational and Molecular Imaging Institute, Icahn School of Medicine at Mount Sinai, 1 Gustave, 10029-5674 New York, USA. ⁵Department of Biomaterials Science and Technology, Targeted Therapeutics section, MIRA Institute, University of Twente, Drienerlolaan 5, 7522 NB Enschede, The Netherlands.

E-mail address: f.m.valkvander@amc.nl, dominik.schulte@uksh.de, s.u.meiler@amc.uva.nl, jun.tang.mssm@gmail.com, k.h.zheng@amc.uva.nl, j.vandenbossche@amc.uva.nl, t.t.seijkens@amc.uva.nl, matthias.laudes@uk-sh.de, m.dewinther@amc.uva.nl, e.lutgens@amc.uva.nl, A.M.S.A.Alaarg@uu.nl, bart@enceladus.nl, g.m.dallinga@amc.uva.nl, wjmmulder@gmail.com, e.s.stroes@amc.uva.nl, a.a.hamers@amc.uva.nl

Corresponding author:

E.S.G. Stroes, MD PhD

Download English Version:

<https://daneshyari.com/en/article/10435692>

Download Persian Version:

<https://daneshyari.com/article/10435692>

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