Distribution of therapeutic proteins into thoracic lymph after intravenous administration is protein size-dependent and primarily occurs within the liver and mesentery

Preeti Yadav, Victoria M. McLeod, Cameron J. Nowell, Laura I. Selby, Angus P.R. Johnston, Lisa M. Kaminskas, Natalie L. Trevaskis

PII: S0168-3659(17)31101-X
DOI: doi:10.1016/j.jconrel.2017.12.031
Reference: COREL 9111

To appear in: *Journal of Controlled Release*

Received date: 2 July 2017
Revised date: 15 December 2017
Accepted date: 28 December 2017

Please cite this article as: Preeti Yadav, Victoria M. McLeod, Cameron J. Nowell, Laura I. Selby, Angus P.R. Johnston, Lisa M. Kaminskas, Natalie L. Trevaskis , Distribution of therapeutic proteins into thoracic lymph after intravenous administration is protein size-dependent and primarily occurs within the liver and mesentery. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Corel(2018), doi:10.1016/j.jconrel.2017.12.031

Distribution of therapeutic proteins into thoracic lymph after intravenous administration is protein size-dependent and primarily occurs within the liver and mesentery

Preeti Yadav[1], Victoria M McLeod[1,3], Cameron J Nowell[4], Laura I Selby[1,5], Angus PR Johnston[1,5], Lisa M Kaminskas[1,2] and Natalie L Trevaskis[1,*]

[1]*Drug Delivery, Disposition and Dynamics, Monash Institute of Pharmaceutical Sciences, Monash University (Parkville campus), 381 Royal Parade, Parkville, VIC 3052, Australia*

[2]*School of Biomedical Sciences, University of Queensland, St Lucia, QLD 4072, Australia*

[3]*Florey Institute of Neuroscience and Mental Health, University of Melbourne, Parkville, VIC 3052, Australia*

[4]*Drug Discovery Biology, Monash Institute of Pharmaceutical Sciences, Monash University (Parkville campus), 381 Royal Parade, Parkville, VIC 3052, Australia*

[5]*ARC Centre for Excellence in Convergent Bio-Nanoscience and Technology, Monash University (Parkville campus), 381 Royal Parade, Parkville, VIC 3052, Australia*

[*] **Corresponding author**

Natalie L Trevaskis, PhD

Drug Delivery Disposition and Dynamics

Monash Institute of Pharmaceutical Sciences

Monash University (Parkville campus)

381 Royal Parade

Parkville, VIC, Australia 3052

Tel: +61 3 990 39708, Fax: +61 3 990 39583

Email: Natalie.Trevaskis@monash.edu