

Accepted Manuscript

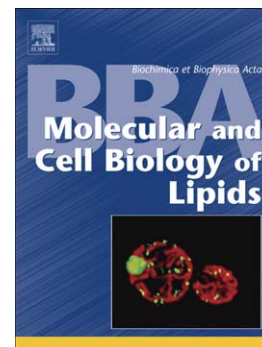
The overall fatty acid absorption controlled by basolateral chylomicron excretion under regulation of p-JNK1

Wolfgang Stremmel, Simone Staffer, Andreas Wannhoff, Anita Pathil

PII: S1388-1981(17)30105-1
DOI: doi:[10.1016/j.bbalip.2017.05.013](https://doi.org/10.1016/j.bbalip.2017.05.013)
Reference: BBAMCB 58157

To appear in: *BBA - Molecular and Cell Biology of Lipids*

Received date: 19 January 2017
Revised date: 5 May 2017
Accepted date: 17 May 2017



Please cite this article as: Wolfgang Stremmel, Simone Staffer, Andreas Wannhoff, Anita Pathil, The overall fatty acid absorption controlled by basolateral chylomicron excretion under regulation of p-JNK1, *BBA - Molecular and Cell Biology of Lipids* (2017), doi:[10.1016/j.bbalip.2017.05.013](https://doi.org/10.1016/j.bbalip.2017.05.013)

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.

The overall fatty acid absorption controlled by basolateral chylomicron excretion under regulation of p-JNK1

Wolfgang Stremmel^{a*}, Simone Staffer^a, Andreas Wannhoff^a and Anita Pathil^a

^aDepartment of Internal Medicine, University Hospital of Heidelberg, INF 410, 69120 Heidelberg, Germany

*Corresponding author:

Department of Gastroenterology, University Hospital of Heidelberg, Im Neuenheimer Feld 410, D-69120 Heidelberg, Germany. E-mail address: wolfgang.stremmel@med.uni-heidelberg.de; telephone: +49 6221 56 8700; fax: +49 6221 56 4116

Short title: Fatty acid absorption

Abbreviations: apoB, apolipoprotein B; BEL, bromoenol lactone; CD36, cluster of differentiation 36; cFABP, cytosolic fatty acid binding protein; COP-II, coat protein complex-II; CM, chylomicron; DRM, detergent-resistant membranes; FABP_{PM}, plasma membrane fatty acid-binding protein; FATP, fatty acid transport protein; IC₅₀, half-maximal inhibitory concentration; iPLA₂ β , calcium independent phospholipase A₂ β ; LPC, lysophosphatidylcholine; LPE, lysophosphatidylethanolamide; MAFP, methyl arachidonyl fluorophosphonate; MTP, microsomal triglyceride transfer protein; PBS, phosphate buffered saline; PC, phosphatidylcholine; p-JNK1, phosphorylated c-Jun N-terminal kinase 1; PLA₂, phospholipase A₂; PM, plasma membrane; RT-PCR, real-time polymerase chain reaction; siRNA, small interfering RNA; TC, taurocholate; TG, triglyceride; TJ, tight junction; UDCA-LPE, ursodeoxycholate-lysophosphatidylethanolamide

Download English Version:

<https://daneshyari.com/en/article/5508364>

Download Persian Version:

<https://daneshyari.com/article/5508364>

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