Accepted Manuscript

Stable isotope-based flux studies in nonalcoholic fatty liver disease

Arthur McCullough, Stephen Previs, Takhar Kasumov

 PII:
 S0163-7258(17)30188-2

 DOI:
 doi:10.1016/j.pharmthera.2017.07.008

 Reference:
 JPT 7103

To appear in:

Pharmacology and Therapeutics



Please cite this article as: McCullough, A., Previs, S. & Kasumov, T., Stable isotopebased flux studies in nonalcoholic fatty liver disease, *Pharmacology and Therapeutics* (2017), doi:10.1016/j.pharmthera.2017.07.008

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.

ACCEPTED MANUSCRIPT

P&T 23097

Stable isotope-based flux studies in nonalcoholic fatty liver disease

¹Arthur McCullough, ²Stephen Previs and ^{1,3}Takhar Kasumov[#]

¹Department of Gastroenterology& Hepatology, Cleveland Clinic, Cleveland, OH, USA ²Merck & Co., Inc., Kenilworth, NJ, USA ³Department of Pharmaceutical Sciences, College of Pharmacy, Northeast Ohio Medical University, Rootstown, OH, USA

#Corresponding author: Takhar Kasumov, Ph.D., Department of Pharmaceutical Sciences, College of Pharmacy, Northeast Ohio Medical University, Rootstown, OH 44272; E-mail: tkasumov@neomed.edu

Running title: Flux studies in NAFLD.

Keywords: stable isotopes, citric acid cycle, fatty acid oxidation, oxidative stress, fibrosis, NAFLD

Acknowledgments:

The research of TK was supported by AHA grant 15GRNT25500004 and NIH grants 1R01HL129120-01A1 and 5R01GM112044, and Northeast Ohio Medical University.

Download English Version:

https://daneshyari.com/en/article/8536963

Download Persian Version:

https://daneshyari.com/article/8536963

Daneshyari.com