

# Accepted Manuscript

Low dietary cholesterol availability during lactation programs intestinal absorption of cholesterol in adult mice

Lidiya G. Dimova, Jan Freark de Boer, Josee Plantinga, Torsten Plösch, Menno Hoekstra, Henkjan J. Verkade, Uwe J. F. Tietge

PII: S0016-5085(17)35522-1  
DOI: [10.1053/j.gastro.2017.04.019](https://doi.org/10.1053/j.gastro.2017.04.019)  
Reference: YGAST 61138

To appear in: *Gastroenterology*  
Accepted Date: 18 April 2017

Please cite this article as: Dimova LG, de Boer JF, Plantinga J, Plösch T, Hoekstra M, Verkade HJ, Tietge UJF, Low dietary cholesterol availability during lactation programs intestinal absorption of cholesterol in adult mice, *Gastroenterology* (2017), doi: 10.1053/j.gastro.2017.04.019.

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.



**Low dietary cholesterol availability during lactation programs intestinal absorption of cholesterol in adult mice**

*Short title:* Early life programming of cholesterol absorption

Lidiya G. Dimova<sup>1</sup>, Jan Freark de Boer<sup>1</sup>, Josee Plantinga<sup>2</sup>, Torsten Plösch<sup>2</sup>, Menno Hoekstra<sup>3</sup>, Henkjan J. Verkade<sup>1\*</sup>, Uwe J. F. Tietge<sup>1\*</sup>

<sup>1</sup>Department of Pediatrics, <sup>2</sup>Department of Obstetrics and Gynecology, University of Groningen, University Medical Center Groningen, Groningen, The Netherlands

<sup>3</sup>Department of Biopharmaceutics, Leiden Academic Center for Drug Research, Leiden, The Netherlands

\*These authors contributed equally

*Source(s) of support:* This research was supported by a grant (#11675) from the Technology Foundation STW

*Correspondence to:*

Dr. Uwe Tietge  
Department of Pediatrics  
University Medical Center Groningen  
Hanzeplein 1, 9713 GZ Groningen  
The Netherlands  
Tel. +31-50-3636762  
Fax +31-50-3611746  
[u\\_tietge@yahoo.com](mailto:u_tietge@yahoo.com)

*Disclosures:* The authors declare no conflict of interest.

*Author contributions:* LD, data acquisition and analysis, drafting the article; JFdB, JP, TP, MH, data acquisition and analysis; UT, HJV, conception, design and supervision of the study, interpretation of data, critical article revision for important intellectual content. All contributing authors gave final approval for the version to be published.

*Word count:* 1273

Download English Version:

<https://daneshyari.com/en/article/5658245>

Download Persian Version:

<https://daneshyari.com/article/5658245>

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