

**A transient inflammatory response induced by lipopolysaccharide infusion lowers markers of endogenous cholesterol and bile acid synthesis in healthy normocholesterolemic young men**

Mashnafi S<sup>1,2</sup>, Baumgartner S<sup>1</sup>, Mensink RP<sup>1</sup>, Perlee D<sup>3</sup>, van Vught LA<sup>3</sup>, Lütjohann D<sup>4</sup>, Plat J<sup>1\*</sup>

<sup>1</sup> Department of Nutrition and Movement Sciences, NUTRIM School of Nutrition and Translational Research in Metabolism, Maastricht University, Maastricht, the Netherlands

<sup>2</sup> Department of Medical Basic Sciences, Faculty of Applied Medical Sciences, AlBaha University, AlBaha, Saudi Arabia

<sup>3</sup> Center of Experimental & Molecular Medicine, Academic Medical Center, University of Amsterdam, The Netherlands

<sup>4</sup> Institute of Clinical Chemistry and Clinical Pharmacology, University Hospital Bonn, Germany

**Table S3. Fasting plasma lipid and lipoprotein concentrations at baseline and 24 h following LPS infusion (n = 8).**

<b>Variable</b>	<b>Baseline</b>	<b>24 hours</b>	<b><i>p</i>-value</b>
Total cholesterol	3.94 ± 0.13	3.56 ± 0.14	<b>0.005</b>
Triglyceride	0.89 ± 0.11	1.23 ± 0.19	<b>0.021</b>
High-density lipoprotein-cholesterol	1.07 ± 0.04	1.03 ± 0.04	0.152
Low-density lipoprotein-cholesterol	2.46 ± 0.09	1.97 ± 0.11	<b>0.002</b>

Data are presented as means ± SEM. Values are in mmol cholesterol. Significant differences between baseline and 24 hours samples (paired two-tailed Student's *t*-test) are depicted in bold.