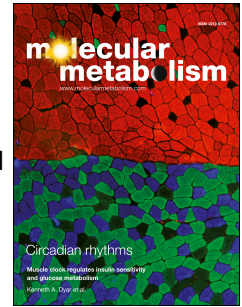


Accepted Manuscript

Bile acids are important direct and indirect regulators of the secretion of appetite- and metabolism-regulating hormones from the gut and pancreas

Rune E. Kuhre, Nicolai J. Wewer Albrechtsen, Olav Larsen, Sara L. Jepsen, Emilie Balk-Møller, Daniel B. Andersen, Carolyn F. Deacon, Kristina Schoonjans, Frank Reimann, Fiona M. Gribble, Reidar Albrechtsen, Bolette Hartmann, Mette M. Rosenkilde, Jens J. Holst



PII: S2212-8778(18)30119-4

DOI: [10.1016/j.molmet.2018.03.007](https://doi.org/10.1016/j.molmet.2018.03.007)

Reference: MOLMET 640

To appear in: *Molecular Metabolism*

Received Date: 30 January 2018

Revised Date: 3 March 2018

Accepted Date: 13 March 2018

Please cite this article as: Kuhre RE, Wewer Albrechtsen NJ, Larsen O, Jepsen SL, Balk-Møller E, Andersen DB, Deacon CF, Schoonjans K, Reimann F, Gribble FM, Albrechtsen R, Hartmann B, Rosenkilde MM, Holst JJ, Bile acids are important direct and indirect regulators of the secretion of appetite- and metabolism-regulating hormones from the gut and pancreas, *Molecular Metabolism* (2018), doi: 10.1016/j.molmet.2018.03.007.

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.

Bile acids are important direct and indirect regulators of the secretion of appetite- and metabolism-regulating hormones from the gut and pancreas

Rune E. Kuhre^{1,2}, Nicolai J. Wewer Albrechtsen^{1,2}, Olav Larsen¹, Sara L. Jepsen^{1,2}, Emilie Balk-Møller^{1,2}, Daniel B. Andersen^{1,2}, Carolyn F. Deacon^{1,2}, Kristina Schoonjans³, Frank Reimann⁴, Fiona M. Gribble⁴, Reidar Albrechtsen⁵, Bolette Hartmann^{1,2}, Mette M. Rosenkilde¹, Jens J. Holst^{1,2,}*

Affiliations: 1: Department of Biomedical Sciences, University of Copenhagen, DK-2200, Copenhagen, Denmark; 2: NNF Center for Basic Metabolic Research, University of Copenhagen, DK-2200, Copenhagen, Denmark; 3: Laboratory of Metabolic Signaling, Ecole Polytechnique Fédérale de Lausanne, Station 15, CH-1015 Lausanne, Switzerland; 4: Metabolic Research Laboratories and Medical Research Council Metabolic Diseases Unit, Wellcome Trust-Medical Research Council, Institute of Metabolic Science, Addenbrooke's Hospital, University of Cambridge, CB2 0QQ, United Kingdom; 5: Department of Biomedical Sciences, and Biotech Research and Innovation Centre (BRIC), University of Copenhagen, DK-2200, Copenhagen, Denmark.

*: Corresponding and lead author: J.J Holst, Department of Biomedical Sciences and NNF Centre for Basic Metabolic Research, Faculty of Health and Medical Sciences, University of Copenhagen, Panum Institute, Blegdamsvej 3B, 12.2, DK-2200 Copenhagen N, Denmark (e-mail: jjholst@sund.ku.dk), Phone nr. +45 28757518.

Keywords: Bile-acids, GLP-1, neurotensin, insulin, PYY, TGR5.

Download English Version:

<https://daneshyari.com/en/article/8674251>

Download Persian Version:

<https://daneshyari.com/article/8674251>

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