Accepted Manuscript

Title: SEX DIFFERENCES IN BODY FAT DISTRIBUTION ARE RELATED TO SEX DIFFERENCES IN SERUM LEPTIN AND ADIPONECTIN

Authors: Tim Christen, Stella Trompet, Raymond Noordam, Jan B van Klinken, Ko Willems van Dijk, Hildo J Lamb, Christa M Cobbaert, Martin den Heijer, Ingrid M Jazet, J Wouter Jukema, Frits R Rosendaal, Renée de Mutsert



PII: S0196-9781(18)30140-2

DOI: https://doi.org/10.1016/j.peptides.2018.07.008

Reference: PEP 69997

To appear in: Peptides

 Received date:
 18-5-2018

 Revised date:
 23-7-2018

 Accepted date:
 29-7-2018

Please cite this article as: Christen T, Trompet S, Noordam R, van Klinken JB, van Dijk KW, Lamb HJ, Cobbaert CM, den Heijer M, Jazet IM, Jukema JW, Rosendaal FR, de Mutsert R, SEX DIFFERENCES IN BODY FAT DISTRIBUTION ARE RELATED TO SEX DIFFERENCES IN SERUM LEPTIN AND ADIPONECTIN, *Peptides* (2018), https://doi.org/10.1016/j.peptides.2018.07.008

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

SEX DIFFERENCES IN BODY FAT DISTRIBUTION ARE RELATED TO SEX DIFFERENCES IN SERUM LEPTIN AND ADIPONECTIN

Tim Christen^a, Stella Trompet^{b,c}, Raymond Noordam^b, Jan B van Klinken^d, Ko Willems van Dijk^{d, e, f}, Hildo J Lamb^g, Christa M Cobbaert^h, Martin den Heijer^{a, i}, Ingrid M Jazet^e, J Wouter Jukema^c, Frits R Rosendaal^a, Renée de Mutsert^a

- a, Department of Clinical Epidemiology, Leiden University Medical Center (LUMC), PO-Box 9600, 2300RC, Leiden, The Netherlands
- b, Department of Internal Medicine, Section of Gerontology and Geriatrics, PO-Box 9600, 2300RC, LUMC, Leiden, The Netherlands
- c, Department of Cardiology, LUMC, PO-Box 9600, 2300RC, Leiden, The Netherlands
- d, Department of Human Genetics, LUMC, PO-Box 9600, 2300RC, Leiden, The Netherlands
- e, Department of Medicine, Division of Endocrinology, LUMC, PO-Box 9600, 2300RC, Leiden, The Netherlands
- f, Einthoven Laboratory for Vascular and Regenerative Medicine, LUMC, PO-Box 9600, 2300RC, Leiden, The Netherlands
- g, Department of Radiology, LUMC, PO-Box 9600, 2300RC, Leiden, The Netherlands
- h, Department of Clinical Chemistry and Laboratory Medicine, LUMC, PO-Box 9600, 2300RC, Leiden, The Netherlands.
- i, Department of Internal Medicine, VU Medical Center, PO-Box 7057, 1007 MB, Amsterdam, The Netherlands

Correspondence: Renée de Mutsert, Leiden University Medical Center (LUMC), PO-Box 9600, 2300RC, Leiden, The Netherlands, r.de_mutsert@lumc.nl Highlights

- Leptin and adiponectin concentrations differ between women and men
- Sex differences in leptin are completely explained by total body fat
- Visceral fat only partly explains sex differences in adiponectin
- In 44 women, we observed extreme leptin concentrations of >100 μg/L

Download English Version:

https://daneshyari.com/en/article/8347170

Download Persian Version:

https://daneshyari.com/article/8347170

<u>Daneshyari.com</u>