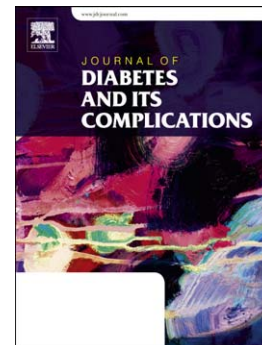


## Accepted Manuscript

Insulin resistance in type 2 diabetes youth relates to serum free fatty acids and muscle mitochondrial dysfunction

Melanie Cree-Green, Abhinav Gupta, Gregory V. Coe, Amy D. Baumgartner, Laura Pyle, Jane E.B. Reusch, Mark S. Brown, Bradley R. Newcomer, Kristen J. Nadeau



PII: S1056-8727(16)30710-3  
DOI: doi: [10.1016/j.jdiacomp.2016.10.014](https://doi.org/10.1016/j.jdiacomp.2016.10.014)  
Reference: JDC 6874

To appear in: *Journal of Diabetes and Its Complications*

Received date: 1 July 2016  
Revised date: 14 September 2016  
Accepted date: 10 October 2016

Please cite this article as: Cree-Green, M., Gupta, A., Coe, G.V., Baumgartner, A.D., Pyle, L., Reusch, J.E.B., Brown, M.S., Newcomer, B.R. & Nadeau, K.J., Insulin resistance in type 2 diabetes youth relates to serum free fatty acids and muscle mitochondrial dysfunction, *Journal of Diabetes and Its Complications* (2016), doi: [10.1016/j.jdiacomp.2016.10.014](https://doi.org/10.1016/j.jdiacomp.2016.10.014)

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.

## **Insulin resistance in type 2 diabetes youth relates to serum free fatty acids and muscle mitochondrial dysfunction**

Melanie Cree-Green, MD, PhD<sup>1,3</sup>, Abhinav Gupta<sup>1</sup>, Gregory V. Coe, MS<sup>1</sup>, Amy D. Baumgartner, MS<sup>1</sup>, Laura Pyle, PhD<sup>2,8</sup>, Jane E.B. Reusch, MD<sup>3,4,5</sup>, Mark S. Brown, PhD<sup>6</sup>, Bradley R. Newcomer, PhD<sup>7</sup>, Kristen J. Nadeau, MD, MS<sup>1,3</sup>

1-Division of Endocrinology, Children's Hospital Colorado, Aurora, CO, 80045

2-Department of Pediatrics, University to Colorado Anschutz Medical Campus, Aurora, CO, 80045

3-Center for Women's Health Research, Anschutz Medical Campus, Aurora, CO, 80045

4-Division of Endocrinology, Metabolism and Diabetes, University to Colorado Anschutz Medical Campus, Aurora, CO, 80045

5-Veterans Affairs Medical Center, Aurora, CO, 80012

6-Department of Radiology, University of Colorado Anschutz Medical Campus, Aurora, CO, 80045

7-Honors Program, James Madison University, Harrisonburg, VA, 22807

8-Department of Biostatistics and Informatics, Colorado School of Public Health, Aurora, CO, 80045

### **To whom correspondence should be addressed:**

Melanie Cree-Green, MD, PhD

Children's Hospital Colorado

University of Colorado Anschutz Medical Campus

PO Box 265, 13123 E 16<sup>th</sup> Ave, Aurora, CO 80045

Phone: 720-777-5743 Fax: 720 777-7301

Email: [Melanie.green@childrenscolorado.org](mailto:Melanie.green@childrenscolorado.org)

Download English Version:

<https://daneshyari.com/en/article/5588292>

Download Persian Version:

<https://daneshyari.com/article/5588292>

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