Accepted Manuscript

Effects of altered parental folate and one-carbon nutrient status on offspring growth and metabolism

Jimmy W. Crott

PII: S0098-2997(16)30059-0

DOI: 10.1016/j.mam.2016.11.001

Reference: JMAM 665

To appear in: Molecular Aspects of Medicine

Received Date: 18 August 2016

Accepted Date: 15 November 2016

Please cite this article as: Crott, J.W., Effects of altered parental folate and one-carbon nutrient status on offspring growth and metabolism, *Molecular Aspects of Medicine* (2016), doi: 10.1016/j.mam.2016.11.001.

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

Title

Effects of altered parental folate and one-carbon nutrient status on offspring growth and metabolism

Author

Jimmy W. Crott PhD

Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University

711 Washington St. Boston, MA

T: +1 617 556 3117

E: jimmy.crott@tufts.edu

Key Words

Folic acid, folate, vitamin B₁₂, maternal, paternal, offspring, insulin resistance, adiposity, peri-conceptional.

Abbreviations

DFE, Dietary folate equivalents; HOMA-IR, Homeostatic model assessment (of) insulin resistance; IR, insulin resistance; IUGR, intra uterine growth restriction; oGTT, oral glucose tolerance test; NHANES, National Health and Nutrition Examination Survey; RBC, red blood cell; SGA, small for gestational age;

Acknowledgements

This work was funded in part by the Agricultural Research Service of the United States Department of Agriculture, Cooperative Agreements #58-1950-4-003. Opinions and ideas expressed in this publication are not necessarily those of the U.S. Department of Agriculture. The author reports no conflict of interest.

Download English Version:

https://daneshyari.com/en/article/5513855

Download Persian Version:

https://daneshyari.com/article/5513855

<u>Daneshyari.com</u>