Accepted Manuscript

Title: Peripubertal serum dioxin concentrations and subsequent sperm methylome profiles of young Russian adults

Authors: J. Richard Pilsner, Alex Shershebnev, Yulia Medvedeva, Alexander Suvorov, Haotian Wu, Andrey Goltsov, Evgeny Loukianov, Tatiana Andreeva, Fedor Gusev, Andrey Manakhov, Luidmila Smigulina, Maria Logacheva, Victoria Shtratnikova, Irina Kuznetsova, Peter Speranskiy-Podobed, Jane S. Burns, Paige L. Williams, Susan Korrick, Mary M. Lee, Evgeny Rogaev, Russ Hauser, Oleg Sergeyev



PII:	S0890-6238(17)30647-0
DOI:	https://doi.org/10.1016/j.reprotox.2018.03.007
Reference:	RTX 7647
To appear in:	Reproductive Toxicology
Received date:	6-10-2017
Revised date:	4-3-2018
Accepted date:	13-3-2018

Please cite this article as: Pilsner J Richard, Shershebnev Alex, Medvedeva Yulia, Suvorov Alexander, Wu Haotian, Goltsov Andrey, Loukianov Evgeny, Andreeva Tatiana, Gusev Fedor, Manakhov Andrey, Smigulina Luidmila, Logacheva Maria, Shtratnikova Victoria, Kuznetsova Irina, Speranskiy-Podobed Peter, Burns Jane S, Williams Paige L, Korrick Susan, Lee Mary M, Rogaev Evgeny, Hauser Russ, Sergeyev Oleg.Peripubertal serum dioxin concentrations and subsequent sperm methylome profiles of young Russian adults.*Reproductive Toxicology* https://doi.org/10.1016/j.reprotox.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.

Peripubertal serum dioxin concentrations and subsequent sperm methylome profiles of young Russian adults

J. Richard Pilsner^{1*}, Alex Shershebnev¹, Yulia Medvedeva^{2,3}, Alexander Suvorov¹, Haotian Wu¹, Andrey Goltsov⁴, Evgeny Loukianov⁵, Tatiana Andreeva⁵, Fedor Gusev⁵, Andrey Manakhov⁵, Luidmila Smigulina⁶, Maria Logacheva^{7,8}, Victoria Shtratnikova⁷, Irina Kuznetsova⁵, Peter Speranskiy-Podobed⁵, Jane S. Burns⁹, Paige L. Williams^{10,11}, Susan Korrick^{9,12}, Mary M. Lee¹³, Evgeny Rogaev^{5,14}, Russ Hauser^{9,11}, Oleg Sergeyev^{5,6,7*}

¹ Department of Environmental Health Sciences School of Public Health and Health Sciences University of Massachusetts 686 North Pleasant Street Amherst, MA 01003, USA

² Institute of Bioengineering Research Center of Biotechnology RAS
60 let Oktjabrja pr-t, 7, bld. 1
117312, Moscow, Russia

³ Department of Computational Biology
Vavilov Institute of General Genetics, Russian Academy of Sciences,
3 Gubkina St.
119991, Moscow, Russia

⁴Department of Molecular Genetics Research Center for Obstetrics, Gynecology and Perinatology 4 Oparin St. 117997, Moscow, Russia

⁵ Department of Genomics and Human Genetics
Vavilov Institute of General Genetics, Russian Academy of Sciences,
3 Gubkina St.
119991, Moscow, Russia

⁶ Chapaevsk Medical Association
3a Meditsinskaya st.
446100, Chapaevsk, Samara region, Russia

⁷ A.N. Belozersky Research Institute of Physico-Chemical Biology Moscow State University, Leninskye gory, house 1, building 40 119992, Moscow, Russia

⁸ Skolkovo Innovation Center Building 3 143026, Moscow, Russia

⁹ Environmental and Occupational Medicine and Epidemiology Program,

Download English Version:

https://daneshyari.com/en/article/8552263

Download Persian Version:

https://daneshyari.com/article/8552263

Daneshyari.com