Accepted Manuscript

Severity of Allergic Rhinitis Assessed by Urine Metabolomic Profiling: Proof of Concept

Darryl J. Adamko, MD, FRCPC, Mona M. Khamis, MSc., Lisa M. Steacy, BSc, CCRP, Shana Regush, BSc, Rhonda Bryce, MD, MSc, Anne K. Ellis, MD, MSc, FRCPC

PII: S0091-6749(18)30559-1

DOI: 10.1016/j.jaci.2018.02.051

Reference: YMAI 13381

To appear in: Journal of Allergy and Clinical Immunology

Received Date: 6 October 2017
Revised Date: 9 February 2018
Accepted Date: 21 February 2018

Please cite this article as: Adamko DJ, Khamis MM, Steacy LM, Regush S, Bryce R, Ellis AK, Severity of Allergic Rhinitis Assessed by Urine Metabolomic Profiling: Proof of Concept, *Journal of Allergy and Clinical Immunology* (2018), doi: 10.1016/j.jaci.2018.02.051.

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.



Severity of Allergic Rhinitis Assessed by Urine Metabolomic Profiling: Proof of

2 Concept

3

- 4 Authors: Darryl J. Adamko, MD, FRCPC^{1,2,3}, Mona M. Khamis, MSc.³, Lisa M. Steacy, BSc, CCRP⁵, Shana Regush,
- 5 BSc¹, Rhonda Bryce, MD, MSc⁴, and Anne Ellis, K. MD, MSc, FRCPC^{5,6}.

6

- 7 Affiliations: The Departments of Pediatrics¹, and Medicine², University of Alberta, Edmonton, Alberta; Department of
- 8 Pediatrics³ and Clinical Research Support Unit⁴, University of Saskatchewan, Saskatchewan, Saskatchewan; the Allergy
- 9 Research Unit, Kingston General Hospital⁵, Kingston, ON, and the Department of Medicine, Queen's University,
- 10 Kingston, ON⁶; all in *Canada*.

11

- 12 Corresponding author
- 13 Darryl J. Adamko, MD, FRCPC
- 14 Department of Pediatrics, College of Medicine
- 15 2742 Royal University Hospital, University of Saskatchewan, Saskatchewan, Saskatchewan, Canada, S7V OW8
- 16 Phone: (306) 844-1275;
- 17 Email: darryl.adamko@usask.ca

18

19 Running title: Urinary Metabolites of Rhinitis

20

- Funding: The study was funded by: AllerGen, NCE, the Magnetic Resonance Diagnostic Centre (MRDC), and the
- 22 Canadian Institutes for Health Research (CIHR). The MRDC has received funding from: CIHR, Genome Prairie,
- Genome Canada, an establishment grant from AHFMR, the Canadian National High Field NMR Centre (NANUC), the
- 24 Natural Science and Engineering Research Council of Canada (NSERC), the University of Alberta Hospital
- Foundation, the Alberta Science and Research Authority (ASRA), and Western Economic Development (WED). It was
- supported in-kind by the Allergy Research Trust of the Kingston General Hospital Research Institute.

27

- Financial Disclosures:
- 29 Dr Adamko is CEO of a startup company that someday hopes to see this type of work used in clinical practice. We do
- 30 not have any patents for the data in this Letter to the Editor. Dr. Ellis reports personal fees from AstraZeneca, Aralez,
- 31 Boehringer Ingelheim, Pediapharm, Novartis, Pfizer, ALK-Abello, and Merck. She also reports grants from Merck,

Download English Version:

https://daneshyari.com/en/article/8712953

Download Persian Version:

https://daneshyari.com/article/8712953

<u>Daneshyari.com</u>